

2011/2012  
ACADEMIC  
CALENDAR



KWANTLEN  
POLYTECHNIC  
UNIVERSITY



# HOW TO APPLY

- 1** Refer to the online calendar at [kwantlen.ca/calendar](http://kwantlen.ca/calendar) to choose your program.
- 2** Refer to the online Admissions Guide at [kwantlen.ca/admission](http://kwantlen.ca/admission) so you are aware of application deadlines, required documentation, and other important information about the admission process.
- 3** Apply online at [kwantlen.ca/apply](http://kwantlen.ca/apply) and expect to hear from us soon!  
*Note that payment of the application fee is required at the time of application in order for your application to proceed.*

## APPLICATION DATES AND DEADLINES

Semester	Application Start Dates	First Application Deadline <sup>+</sup>	Further Application Deadlines
Fall (Sept) Semester	Nov 1	Mar 31	Open admission programs have later application deadline dates and many programs have extended application deadline dates.  For more details and specific deadline dates visit <a href="http://kwantlen.ca/admission">kwantlen.ca/admission</a>
Spring (Jan) Semester	Mar 1	Jul 31	
Summer (May) Semester	Jul 1	Nov 30	

<sup>+</sup> Selective entry programs only.  
All dates are subject to change without notice. Application start or end dates that fall on a weekend or holiday, will be extended to the next business day.

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*In the event of a discrepancy between this document and the official Kwantlen 2011-12 Calendar (available at [www.kwantlen.ca/calendar/2011-12](http://www.kwantlen.ca/calendar/2011-12)), the official calendar shall be deemed correct.*

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<b>Classes Start</b>	Tuesday, September 6, 2011
<b>Deadline to Register</b>	Monday, September 11, 2011
<b>Course Withdrawal Deadline</b>	Saturday, October 29, 2011
<b>Classes End</b>	Monday, December 12, 2011
<b>Final Exam Period</b>	Wednesday, December 14, 2011 through Thursday, December 22, 2011
<b>All Grades Submitted*</b>	Friday, December 30, 2011

### Spring 2012

<b>Classes Start</b>	Monday, January 9, 2012
<b>Deadline to Register</b>	Sunday, January 15, 2012
<b>Reading Break</b>	Thursday, February 23 and Friday, February 24, 2012
<b>Course Withdrawal Deadline</b>	Saturday, March 3, 2012
<b>Classes End</b>	Monday, April 16, 2012
<b>Final Exam Period</b>	Wednesday, April 18 through Thursday, April 26, 2012
<b>All Grades Submitted*</b>	Tuesday, May 1, 2012

### Summer 2012

<b>Classes Start</b>	Monday, May 7, 2012
<b>Deadline to Register</b>	Sunday, May 13, 2012
<b>Course Withdrawal Deadline</b>	Saturday, June 30, 2012
<b>Classes End</b>	Monday, August 13, 2012
<b>Final Exam Period</b>	Wednesday, August 15 through Thursday, August 23, 2012
<b>All Grades Submitted*</b>	Tuesday, August 28, 2012

\* **Note:** Faculty grade submission deadlines are defined in *Policy B.4 - Final Examinations and Grade Reporting for Courses* - normally by the end of the third working day after the last exam or class. Students can normally access grades one business day after faculty submit them.

## SESSION DATES FOR NON-SEMESTER-BASED PROGRAMS

Some vocational and trades programs may start or end on dates that do not coincide with semester-based programs. Please contact the appropriate department for more information.

# Introduction

## Welcome to Kwantlen

Welcome to Kwantlen Polytechnic University, a premier public post-secondary university located in British Columbia, Canada. Kwantlen provides a complete undergraduate university experience. We are a medium size university with a headcount enrollment of over 13,000 students in 2011.

We are a teaching-led institution with faculty who hold research and scholarship expertise in recognized academic disciplines. Our faculty are hired for their ability to teach and inspire, and are committed to student-centered education.

We are responsive to the needs of our communities – providing relevant education for all who are prepared to learn. Kwantlen's undergraduate experience is one that challenges and inspires, encouraging those who apply themselves to excel and succeed.

We intentionally integrate our program offerings, allowing our students to bridge between citations, certificates, diplomas and degrees as their skills and interests develop.

Come and explore your options: join our award-winning group of students, faculty and graduates. Experience undergraduate teaching at its best!

This is the Kwantlen annual academic calendar for 2011-12. It includes information on the academic programs, credentials (diplomas and degrees), admission, cost to attend, registration, graduation, courses, student life, and regulations. The on-line version is the official calendar, and it super cedes any printed version. Please use it as a reference guide and as an official document for policies and regulations at Kwantlen.

## OUR PROGRAM FOCUS

As a polytechnic university, we are committed to offering programs that provide a hands-on education for our students. We know that getting an education is about growing as a person, and we know that a big part of that growth is acquiring the skills and gaining the understanding necessary for career success.

Kwantlen offers a comprehensive range of programs: liberal arts and science, technology and professional, trades and apprenticeship, and pre-university and developmental. Our programs are purposefully integrated, providing pathways that extend from high school through degree completion.

You can gain real-world success through experiences inside and outside the classroom. Our programs are for students with diverse backgrounds, interests and abilities who are looking for a learning environment that supports personal and professional growth. That's why we go to extraordinary lengths to provide you with a flexible, personalized and relevant education.

## OUR COMMITMENT TO STUDENTS

Kwantlen is a university focused on undergraduate students. We know that students today face all manner of challenges, and that each individual has a unique set of needs and ambitions.

Kwantlen recognizes its responsibility is to allow every student to flourish, each in his or her own way. Our aim is to be accessible to everyone with the desire and ability to learn and a willingness to work by creating flexible programs that work for our students.

If you want a successful future, Kwantlen is the university for you. As a Kwantlen graduate, you'll be a highly skilled, confident

individual ready to make the most of your education. Over 200,000 people have chosen Kwantlen.

We invite you to be part of the excitement at Kwantlen. Enroll and discover the Kwantlen formula for success.

## OUR FACULTY

At Kwantlen, our faculty believe in a hands-on approach to teaching where student learning comes first. They are authorities in their fields and passionate professionals who love to share ideas and teach the skills and knowledge you need for career success. Our smaller classes and career-focused programs are designed to fit with your schedule. The maximum class size is 35 students. This allows faculty to provide an individualized education. We are here to help you succeed. Kwantlen's focus is on you - the student.

## Our History

A brief history of Kwantlen indicates a transition from a community college to a university in a short span of almost 40 years. Our history began in 1972 when we were known as Douglas College. Kwantlen College split from Douglas College in 1981 and became a self-standing college. By 1995 Kwantlen was established as a university college with degree granting status. In 2008, Kwantlen University College was re-designated as a regional university with a bicameral governance structure. Premier Gordon Campbell announced the new name, Kwantlen Polytechnic University.

Today Kwantlen serves not only regional communities but is also committed to enhancing its reputation across Canada and internationally. The University actively recruits Canadian as well as international students and prepares them to live and work in an increasingly global context. Kwantlen Polytechnic University is comprised of four distinct campuses in the Vancouver metro area.

The two governing bodies of the University — the Senate and the Board of Governors — provide leadership for this process, for which principles of academic freedom, transparency and collegiality are foundational.

## OUR UNIQUE HERITAGE

Kwantlen Polytechnic University serves a South Fraser River Region of vast size and diversity, and is located in the shared traditional territories of the Kwantlen, Katzie, Semiahmoo, and Tsawwassen First Nations.

Kwantlen Polytechnic University is named after the Kwantlen First Nation of the Coast Salish People, who are based in Fort Langley. Over their history, the Kwantlen People have been respected throughout the Lower Fraser River Region as Ancient Messengers—Tireless Runners. The ethos of the Kwantlen People is reflected in the motto of Kwantlen Polytechnic University: "through tireless effort, knowledge, and understanding." Additionally, the representation of the wolf and the salmon, which comprise the art work in the centre of Kwantlen Polytechnic University's Coat of Arms, was created by Brandon Gabriel, former Fine Arts student at Kwantlen Polytechnic University and nephew of the hereditary Chief of the Kwantlen People, Chief Marilyn Gabriel. The image represents the cycle of life for all the inhabitants of the Lower Fraser River Region.

As a further indication of the mutual respect between the University and the First Nation whose name we share, the

Chief of the Kwantlen First Nation has conferred the title and responsibility of Sí:yám (Leader) on the Chancellor and President & Vice Chancellor of Kwantlen Polytechnic University.

## Mission & Mandate

### WHO WE ARE

Kwantlen is British Columbia's Polytechnic University. As a leader in innovative and interdisciplinary education, we offer all learners, regardless of background and preparation, opportunities to achieve the highest standards of academic performance. Our many programs of study provide applied learning and broad-based university education.

Our relevant, engaging, and inclusive environment facilitates personal and professional development. Critical awareness, cultural sensitivity, and social responsibility are all foundational to our commitment. We provide accessible and outstanding scholarship to prepare our learners for a complex world.

We value scholarship as a socially relevant obligation and opportunity. We support multiple approaches to research and innovation to address community, industry, and market needs. Community engagement is the manner in which we demonstrate our commitment to the social value of the University.

Our approach to teaching and learning is based on mentorship, discovery, purposefulness, and learner autonomy. Our faculty demonstrates an authentic spirit of inquiry as a model for learners. In turn, learners engage with a teaching environment that is collaborative, innovative, creative, and respectful.

Our University culture is based on critical inquiry, collegial debate, knowledge generation, freedom of expression, diversity, and environmental stewardship and sustainability. Yet, we go further by recognizing the necessary integration of these principles as our foundation and our purpose.

### WHAT WE DO

We support a dynamic educational community that embraces emerging and experimental teaching methods and research-driven pedagogy. We create a culture that is learner-focused, academically rigorous, innovative, interdisciplinary, and socially responsible.

We respect the academic freedom of learners, faculty, and staff as foundational to the pursuit of knowledge. We recognize that all members of the University community are responsible for exercising their freedoms with honesty, integrity, and respect for the principles of justice, equality, and human rights.

### Access

Kwantlen's history and purpose as a polytechnic institution integrates college, trades, and university experiences. We respond to community, regional, industry, and market needs through a distinctive variety of programs, research initiatives, and community partnerships. Transition programs, multiple entry points, international education, and bridging opportunities demonstrate our commitment to accessible lifelong learning across a broad range of educational options. We view access to education as the pathway to citizenship.

### Scholarship

We encourage faculty and learners to participate in many forms of knowledge generation and research, including those focused on discovery, creativity, application, and teaching. We honour

and reward scholarship that involves learners and the broader community in research design, development, and dissemination.

### Community

We recognize and respond to challenges and opportunities within the dynamic communities of the Fraser region of British Columbia. We promote leadership by developing and supporting community-based initiatives that address economic, social, and cultural issues within an increasingly global context. Synergies among various groups are developed and sustained through complementary cultures and practices that encourage autonomy, adaptability, collegiality, service, and excellence.

### Mentorship

We provide and promote a learning environment in which learners examine and develop their values, goals, and character through the integration of personal, academic, and professional inquiry. We encourage lifelong learning and a continuing relationship with the University. We expose learners to workplace experiences, offer programs in continuing education, and provide educational opportunities for those seeking career change or development.

### Stewardship

Through program delivery, services, and research initiatives, we aspire to inform and transform attitudes and values to reflect our role as a responsible and sustainable educational institution. Our health and our achievements derive from, and depend upon, the health of the Earth and its inhabitants.

## Kwantlen Vision Statement

### OUR VISION . . .

#### Innovative, transformative, and ambitious, Kwantlen

Polytechnic University serves the needs of our region, of British Columbia, and beyond. We inspire students to excel in their careers, lead in their communities, and succeed in their lives.

### OUR PROFILE . . .

#### A Unique Institution

We deliver university degrees, programs in technology and trades, career and preparatory studies, and professional and continuing education, all of which reflect and express our polytechnic mandate

#### A Teaching University

We commit to currency of knowledge and disciplinary engagement, and deliver a well-rounded undergraduate education that stresses the relationship between teacher and student. We provide students with an ethical framework, critical understanding, and social awareness necessary for good citizenship.

#### A Polytechnic

We emphasize applied education within the context of broad-based undergraduate learning to prepare our students for successful and rewarding careers.

## OUR COMMITMENTS . . .

To achieve our Vision, we make the following commitments to our students, our programs, our community, and our university:

### To Our Students. . .

#### ACCESSIBILITY AND FLEXIBILITY

Kwantlen commits to open access, multiple entrance and exit points, program bridging, acknowledgement of relevant experience, and flexible learning pathways.

#### DEGREE EDUCATION

Kwantlen provides every student pursuing a degree with a broad-based education, and acknowledges the importance of balancing depth and breadth of study.

#### PROFESSIONAL AND CONTINUING EDUCATION

Kwantlen provides learning opportunities that support professional and personal enrichment by responding to the needs of the workforce and the interests of our broader community.

#### STUDENT EXPERIENCE

Kwantlen commits to providing an outstanding student experience through our teaching, support programs, services, and systems that enhance and enrich student life.

### To Our Programs . . .

#### APPLIED SCIENCE AND TECHNOLOGY

Kwantlen commits to developing applied science and technology to advance its polytechnic mandate and to meet the emerging needs of British Columbia.

#### FLAGSHIP PROGRAMS

Kwantlen supports the development of exceptional programs that reflect the institution's applied mandate and further its reputation.

#### SERVICE LEARNING

Kwantlen commits to providing transformative experiences that integrate academic learning with principles of civic responsibility and community engagement.

#### WORK-INTEGRATED LEARNING

Kwantlen commits that its programs will include practical experience in the form of co-ops, practica, internships, or other applied initiatives.

### To Our Communities ...

#### ABORIGINAL ENGAGEMENT

Kwantlen commits to developing meaningful partnerships, pedagogical approaches, program offerings, and student services to better meet the distinctive needs of all aboriginal peoples.

#### ALUMNI

Kwantlen recognizes that its alumni are amongst the institution's most important ambassadors. We develop and maintain relationships that celebrate institutional pride leading to increased involvement with and support of the University.

#### APPLIED RESEARCH AND INNOVATION

Kwantlen promotes applied research and scholarly activities that enhance our teaching and enrich our communities.

## EDUCATIONAL OPPORTUNITY

Kwantlen celebrates the rich diversity of its region. Accordingly, we seek out students of diverse ages, backgrounds, and aspirations.

## ENGAGEMENT WITH OUR PARTNERS

Kwantlen establishes strong and productive ties and external relationships to inform curriculum and new program development, to provide work-integrated learning, and to identify applied research and innovation opportunities.

### To Our University . . .

#### ACADEMIC FREEDOM

Kwantlen safeguards freedom of inquiry, thought, expression, publication, and peaceful assembly, which along with individual responsibility are the cornerstones of our identity.

#### AN EXCEPTIONAL WORKPLACE

Kwantlen provides an environment that inspires commitment and leadership, and provides an attractive and vibrant place to work and to grow.

#### INSTITUTIONAL PARTICIPATION

Kwantlen supports collegial, transparent, and collaborative decision-making processes and establishes mechanisms to encourage broad participation from all areas of the University.

#### INTERNATIONALIZATION

Kwantlen commits to providing a global perspective by developing a vibrant international student body and partnerships that encourage faculty and student participation.

#### PROMOTING EXCELLENCE

Kwantlen inspires, supports, and celebrates outstanding achievement throughout the institution.

#### SUSTAINABILITY

Kwantlen informs and transforms attitudes, values, and practices that confirm its role as an educational institution committed to environmental, social, and economic sustainability.

#### TECHNOLOGY

Kwantlen commits to the innovative, creative, and considered use of technology to enhance teaching, learning, and the day-to-day environment of students, faculty, and staff.

## The Kwantlen Experience

At Kwantlen, we create an exceptional academic environment that challenges and inspires students and faculty through a dedicated focus on teaching. We believe in this goal because we understand that comprehensive education is a cornerstone of a strong and healthy economy and civil society. Kwantlen is committed to preparing students for leadership, professional success and service to the broader community by developing degrees, diplomas, certificates and citations that are recognized by business, industry and other universities.

We offer you an exceptional academic environment because we deliver more than academics. Our campus life encompasses the social, athletic and service-oriented experiences that are vital to your personal growth and learning. On our campuses, you'll discover a social atmosphere that reinforces our focus on student-centered teaching and collaboration with faculty. We challenge our students to excel and provide them with

comprehensive options that will ensure their success—in education, as professionals and as community members.

## **Institutional Authority**

The Province of British Columbia through the authority of the Ministry of Advanced Education has vested joint stewardship of the university in the Board of Governors and the Faculty Senate, a bicameral governance structure. The leadership and administration of the university are mandated to the Chancellor and the President & Vice Chancellor. The management of the university is delegated to the executive officers, the Provost & Vice President, Academic and the Vice President, Finance & Administration, along with the Chief Advancement Officer, the Executive Director for External Relations, and the University Secretary. The Chief Advancement Officer is also responsible for the Director, Marketing & Communication, and the Director of Development.

The Provost & Vice President, Academic is responsible for the following offices: the Associate Vice President, Academic, the Deans of the Faculties, the Associate Vice President, Strategic Enrolment Management, the Associate Vice President, Students, Associate Vice President, Research, and the University Librarian. The Deans of the Faculty include the following Faculties and Schools: Academic and Career Advancement, Business, Community and Health Studies, Design, Humanities, Science and Horticulture, Social Sciences, and Trades and Technology.

The Vice President, Finance & Administration is responsible for the following offices: Associate Vice President, Human Resources Services, the Executive Director, Information & Education Technology, the Executive Director, Facilities, the Executive Director, Finance, the Director, Institutional Analysis & Planning, and the Director of Supply \* Business Services.

# General Campus Information

## General Campus Information

In this section, you will find:

- General Campus Information
- Campus Locations & Contact Information
- Campus Hours of Operation
- Parking
- Lost & Found
- Bookstore
- First Aid
- Safety and Security
- IT Resources for Students

## Campus Locations & Contact Information

### MAILING ADDRESS

Kwantlen Polytechnic University  
12666 72nd Ave  
Surrey, B.C.  
V3W2M8

### MAIN SWITCHBOARD

Telephone: 604.599.2100  
E-mail: [switchboard@kwantlen.ca](mailto:switchboard@kwantlen.ca)

### SURREY CAMPUS

Surrey Campus  
12666–72nd Avenue  
Surrey, B.C.  
[t] 604.599.2000  
[f] 604.599.2086

- 25 acre site
- bookstore and retail store
- 125 seat lecture hall
- gymnasium
- fitness centre
- cafeteria and lounge
- conference centre
- courtyard areas
- library and study area
- art gallery

### RICHMOND CAMPUS

Richmond Campus  
8771 Lansdowne Road  
Richmond B.C.  
[t] 604.599.2000

[f] 604.599.2736

- 9 acre site
- bookstore and retail store
- cafeteria and lounge
- conference centre
- library and study area

### LANGLEY CAMPUS

Langley Campus  
20901 Langley Bypass  
Langley, BC  
[t] 604.599.2000  
[f] 604.599.3427

- 45 acre site
- bookstore and retail store
- 250 seat auditorium
- cafeteria and lounge
- library and study area
- horticulture centre

### CLOVERDALE CAMPUS

Cloverdale Campus  
5500 - 180th Street  
Cloverdale, BC  
[t] 604.599.2000  
[f] 604.598.6005

- 73 acre site
- 17,203 square metre building
- bookstore and retail store
- cafeteria and lounge
- library and study area

## Campus Hours of Operation

### CAMPUS HOURS

	<b>Monday to Friday Hours</b>	<b>Saturday Hours</b>	<b>Sundays</b> (Library hours only)
<b>Cloverdale:</b>	7:30 AM - 10:30 PM	Closed	Closed
<b>Langley:</b>	7:30 AM - 10:30 PM	8:30 AM - 4:30 PM	Closed
<b>Richmond:</b>	7:30 AM - 10:30 PM	8:00 AM - 4:00 PM	1:00 PM - 5:00 PM
<b>Surrey:</b>	7:30 AM - 10:30 PM	8:00 AM - 5:00 PM	

### CAMPUS OFFICE HOURS:

**8:30 AM – 4:30 PM**



**Note:** Some offices have different hours, please consult their web page

## STATUTORY HOLIDAYS

**All campuses are closed on following holidays:**

- Good Friday
- Easter Monday
- Victoria Day
- Canada Day
- British Columbia Day
- Labour Day
- Thanksgiving
- Remembrance Day
- Christmas Eve
- Christmas Day
- Boxing Day
- New Year's Eve
- New Year's Day

All campuses will be closed when a statutory holiday falls on a Saturday.

To arrange a campus tour, contact the **Office of New Student Programs at 604.599.3165.**

## Parking

Kwantlen campuses are located in residential areas with limited parking. We encourage the Kwantlen University community to carpool, take transit, ride a bike or walk to Kwantlen.

## PARKING INFORMATION

Pay parking is in effect at all Kwantlen campuses 24 hours a day, seven days a week. Vehicles are authorized to park in designated parking stalls only. Students have the option to purchase parking in increments of semester permits, weekly e-permits, daily passes or 4 hour passes. Visitor stalls are available for short term parking up to 2 hours. Please check the website for current options and rates.

### Parking Permits

#### SEMESTER UNRESERVED PARKING PERMIT

Entitles you to park at any campus in any unrestricted parking zone.

#### SEMESTER RESERVED PARKING PERMIT

Entitles you park at any campus in the designated reserved parking zones.

#### SEMESTER CAR POOL PERMIT

Entitles a registered group of at least two people to park at any campus in the designated reserved parking zone. The two people must arrive at the campus in the vehicle in order to utilize the carpool pass.

Note: Semester permits go on sale one month before the new semester and are valid until month-end of the semesters ending in April, August or December.

## Disabled Parking

Persons with mobility impairment and displaying a valid Disabled Persons' Parking (SPARC) permit may park in any stall, except

'Visitor', and payment is not required. Abuse of SPARC Permit regulations is covered under the Motor Vehicle Act.

Note: A Kwantlen Disabled Parking Temporary Permit is available to accommodate mobility impaired individuals in the interim as they await their SPARC Permit. The intent is to conform to the SPARC requirements. An application for a temporary permit is available at the Services for Students with Disabilities Office.

The Disabled Parking Temporary Permit is to be approved and issued only by the Services for Students with Disabilities office. The Temporary Permit is invalid unless expiry date and authorized name and signature are clearly displayed. If special parking arrangements are required to accommodate the individual please contact the campus Disability Advisor through the Counselling office.

## Free Overflow Parking

Kwantlen, in partnership with the City of Surrey Parks, Recreation, and Culture, has arranged for free overflow parking for the Surrey Campus at the Newton Athletic Park. The Newton Athletic Park is located two blocks north of the campus on 128th Street and is available between 7:30 AM - 4:30 PM Monday to Friday.

## TRANSIT INFORMATION

For information on transit to or from any of our campuses please contact the *TransLink* information line at 604.953.3333 or visit the *Translink* website <http://www.translink.bc.ca>.

## CARPOOL INFORMATION

Kwantlen is committed to reducing the number of single occupancy vehicles (SOVs). Effective January 1, 2002, Car pools will be a minimum of TWO persons arriving together at the same time. Our intention is to provide an easy alternative to people who would consider ride sharing. Additional carpooling resources are available courtesy of the Jack Bell Foundation.

## Lost & Found

Campus Lost and Found is located at the Security Office at each campus:

- Cloverdale: Room 1710
- Langley: Room 1632
- Richmond: Room 1630
- Surrey: Birch B102

Place found items in drop slot, or turn in to Security. Kwantlen Polytechnic University assumes no responsibility for lost or stolen personal property.

For more information, see Kwantlen Policy F.8 regarding lost and found property at <http://www.kwantlen.ca/policies>.

## Bookstore

The Kwantlen Bookstores provide students with texts, course related materials, merchandise and more at all four of our campus locations.

The Bookstore maintains a complete booklist of the required and optional texts, up to eight weeks before the start of classes. For your booklist visit the Personalized Booklist menu item on the Kwantlen Bookstore web page. Print a copy and bring it with you

so our staff can ensure you get the correct materials required for your courses.

Our team of friendly and knowledgeable staff provide you with the best in customer care. Drop into any of our locations to experience the Kwantlen Bookstore difference. We can help you Consider, Compare and Choose

Check our website for information about store locations and hours, buyback, returns policy and special events.

For more information contact:

Bookstores

Cloverdale: 604.598.6020

Langley: 604.599.3220

Richmond: 604.599.2511

Surrey: 604.599.2353

## First Aid

First Aid Services are provided by the Facilities department for staff and as a service for students at each of the campuses. Each First Aid provider is a fully qualified Occupational First Aid Attendant.

Bookstores

Cloverdale:	604.598.6076	Room 1711
Langley:	604.599.3276	Room 1028
Richmond:	604.599.2676	Room P 525 (parking level near elevators)

Surrey: 604.599.2076 Birch – Room 112

Call 811 from any Kwantlen phone

## Safety and Security

Kwantlen Polytechnic University is committed to providing you a safe and ready learning environment. We have established an Office of Emergency Planning responsible for the implementation of our READYCAMPUS™ program and the administration of our Campus Security Services.

## EMERGENCY PLANNING

In the event of an emergency, any emergency, please follow the instructions provided by our EAGLE EYE digital signage system, your faculty, and other designated emergency response personnel (such as Campus Security Services, Campus Emergency Response Team members, Fire Fighters, and Police Officers). We are in process of developing a Total Alert Emergency Notification System involving many elements, some of which will be tested in the course of your studies or work here.

## SECURITY

If you or someone else is in danger or gravely harmed, call **911 immediately**. Otherwise, while the Campuses are open, the telephone number and methods of requesting immediate assistance and calling to report security related events directly are:

- Langley Campus call 778.552.8615

- Cloverdale Campus call 778.552.8614
- Surrey Campus call 778.552.8612
- Richmond Campus call 778.552.8613

If you do not have access to your own phone, office phone, or do not have the change to use a public telephone:

**At all campuses** – To immediately report all suspicious, threatening, or illegal activity, you may contact Campus Security Services using campus TELUS public telephones equipped with a security button immediately below the dial pad.

**At Langley, Surrey, and Richmond campuses** – you may also press the large button on our yellow call boxes situated indoors throughout building floors.

## IT Resources for Students

The IET department at Kwantlen Polytechnic University provides Technology Services for Students, Staff and Faculty ([kwantlen.ca/iet](http://kwantlen.ca/iet)).

## IET SERVICES

Services provided by IET for students include:

### Online Self-Service

Here you can check your application status, register for courses, look up grades and view your transcript, and find out about financial aid and awards. This is where your set or change your password and security questions.

### myKwantlen

This is the main web portal providing access to email, campus announcements, course webpages, student services and more. The student portal website provides easy communication between students, faculty and the University. Along with your official student e-mail address, myKwantlen provides news, personal organizational tools, and course materials.

Your account becomes available as soon as you've applied Kwantlen. Your username is your 9-digit student number, and your password is the same one you use to register online.

Visit [myKwantlen.ca](http://myKwantlen.ca) for:

- Your student records, grades and registration
- Your e-mail and calendar
- Public discussion groups
- News and entertainment
- Events around campus

### Email

All students who apply to Kwantlen receive an [@kwantlen.net](mailto:@kwantlen.net) email account. The account never expires and is the primary place where all institutional, instructor, and course emails are sent. Access to this account is available only through myKwantlen.

### Live@edu email account

As an option, students can choose to sign up for the Live@edu email service. Instructions on how to sign up for the service are located in myKwantlen under the Live@edu tab.

### Student Lab Account

Students who are registered and attending classes can log into any of the computers in student labs or the Library. Lab accounts expire two weeks after the semester ends.

### Wireless Network Account

Students who are registered and attending classes can log into Kwantlen's wireless network to access the internet on a

laptop computer. Wireless accounts expire two weeks after the semester ends.

## IT Service Catalogue

IET provides the IET Service Catalogue as a reference to the Kwantlen Polytechnic University community. The purpose of this catalogue is to define the services offered by IET to the Kwantlen community, as well as those that are supported by IET when primary delivery is through another department. The Service Catalogue for Students is at [kwantlen.ca/iet/students/academic\\_resources/IET\\_student\\_services](http://kwantlen.ca/iet/students/academic_resources/IET_student_services).

## ONLINE LEARNING RESOURCES

Online course websites can be accessed either through myKwantlen or Moodle; your instructor will advise you of the availability of each course - not all courses have an online component.

### myKwantlen Courses

Direct links are available under the myCourses tab in myKwantlen.

### Moodle Courses

Direct links are available under the myCourses tab in myKwantlen (opens a new window) or via the URL at <http://elearning.kwantlen.ca/courses>

## CLASSROOM AND LAB RESOURCES

### Classrooms

Most of Kwantlen's classrooms have been converted to eClassrooms which have an instructor station capable of showing PowerPoint presentations, office documents, webpages and playing videos from DVD or videotape on a large screen at the front of the room. Students can present their own material by plugging a USB memory stick into the instructor station or bringing in their own laptop.

### Labs

Lab and Library computers are accessible to all registered students. The software available in labs is determined by the instructors each term, and the software available on the Library computers is determined by what is being taught on the particular campus.

### Student Computers

Most Kwantlen lab computers have been converted to thin-client technology. The Windows session runs on a server, not the local machine. Any files that are used on a student lab computer will be deleted at logout; files must be saved to a USB memory stick or emailed before logging out.

### File Management

Most USB memory sticks are compatible with thin-client technology; it is important to leave a memory stick plugged into a thin-client terminal for at least one minute before attempting access, the server needs time to read the contents.

\* It is always best to copy a file from USB to the My Documents folder or desktop before opening and editing it to reduce the chance of file corruption. Save, close and copy back to USB when you are done.

\* While it is easy to open and read an attachment directly from email, it is not good practice to open an attachment for the purpose of editing it! If you close your email while you have an open document, you will likely lose all your edits. So then, first

save it to My Documents or the desktop and then open it from there for editing.

## OTHER RESOURCES

### Library Card

Students can obtain an ID Card (Smart Card) from any campus Library.

### Student Job Posting System

Students can check out employment opportunities through the Career Services website. Look for the Job Postings link under the menu for Students. Requests for help with job postings and login should be directed to the Career Services Contacts.

### Printing

#### Lab Printing

Printing is available in labs when an instructor is logged into the instructor station.

#### Open Access Printing

Pay printing is available in the Libraries.

### Software for Student Purchase

Under special purchasing agreements with Adobe and Microsoft, Kwantlen Polytechnic students can purchase Adobe and Microsoft software products at discounted prices. See [kwantlen.ca/iet/academic\\_resources/IET\\_student\\_services/Software\\_for\\_Student\\_Purchase](http://kwantlen.ca/iet/academic_resources/IET_student_services/Software_for_Student_Purchase).

### IET Service Desk

For technical and login questions (registered students only).

#### Phone

604-699-2116

#### Email

[servicedesk@kwantlen.ca](mailto:servicedesk@kwantlen.ca)

# Admissions, Registration, & Financial Assistance

## Admissions, Registration & Financial Assistance

There are two steps to pursuing an education. First, future students must apply for admission to the institution. Once admitted, students must register for the courses in the program they are completing.

In this section, you will find:

- About Admissions, Registration & Financial Assistance
- Division of Strategic Enrolment Management
- Student Enrolment Services
- Office of International Students and Scholars
- For Future Students
- How to Apply
- General University Admission Requirements
- Admission Types
- Application Timelines
- Documents Required for Admission
- Assessment and Testing
- Credit for Previous Learning
- Financial Assistance & Awards
- How to Register
- How to De-register
- Registration Regulations
- Registration Timelines & Deadlines
- Tuition & Fees
- Paying Your Fees
- Other Fees

## Division of Strategic Enrolment Management

The Strategic Enrolment Management Division is comprised of seven units which include the following offices: New Student Programs, Student and Financial Awards Services, including Assessment and Testing Services, Registrar, including Admissions & Records and Registration & Student Information Systems, Enrolment and Recruitment Technologies, and International Students and Scholar Office.

## OFFICE OF ENROLMENT PLANNING AND TECHNOLOGIES

The Office of Enrolment Planning & Technologies provides the SEM division with project management and computer technology solutions to achieve the SEM division's overall recruitment and enrolment goals.

## OFFICE OF NEW STUDENT PROGRAMS

The Office of New Student Programs is responsible for the recruitment of students and creates a coordinated transitional

experience for domestic and international students and parents and counselors with Kwantlen Polytechnic University. NSP staff helps prospective students engage with the Kwantlen community to insure they are confident and successful in the choice they have made for their post-secondary education. They also travel to schools throughout British Columbia and worldwide to inform students about the many academic program opportunities that Kwantlen offers.

## OFFICE OF THE REGISTRAR

The Office of the Registrar is comprised of the following two major areas: Office of Admissions and Records, and the Office of Registration and Student Information Systems. It supports student admission, registration, scheduling, student information systems, enrolment data, academic records, transfer credit, graduation, and convocation services.

## OFFICE OF ADMISSIONS AND RECORDS

The Office of Admissions and Records is composed of three primary areas: Admissions, Transfer Credit, and Academic Records and Graduation. It is responsible for applications, admission, domestic and international, academic forms, evaluation of transfer credit and advanced standing credit, transcripts, credentials, and the degree audit.

## OFFICE OF REGISTRATION AND STUDENT INFORMATION SYSTEMS

The Office of Registration & Student Information Systems is responsible for the development and management of student applications and solutions for course registration, course schedule, time-table, final examination and term calendar, annual academic calendar, enrolment data and operational reports, grades, and the Banner student information system.

## OFFICE OF STUDENT AND FINANCIAL AWARDS SERVICES

The Office of Student and Financial Awards Services is comprised of three areas: Student Enrolment Services (SES), Student Awards and financial assistance (SAFA), and Assessment and Testing Services (ATS). It is responsible for providing front counter information and services, financial aid and scholarships services, and standardized and institutional testing services.

## OFFICE OF INTERNATIONAL STUDENTS AND SCHOLARS

The Office of International Students and Scholars provides comprehensive services for international and exchange students at Kwantlen. This includes international student transition and orientation, advising, student study permit services, student experience programming and cultural programming, and initiatives for the university community.

For inquiries to the SEM Division or to learn more about us, contact us or visit our website: [kwantlen.ca/sem](http://kwantlen.ca/sem)

# Student Enrolment Services

Student Enrolment Services is committed to providing outstanding customer service to new and current students, staff, faculty and the community at large.

## WHO ARE WE?

Student Enrolment Services (SES) is the public face of the division of Strategic Enrolment Management, providing day-to-day student-centered services related to the areas of admission, registration, and graduation. We work closely with the Office of the Registrar, the Office of Admissions and Records, the Office of Registration and Student Information Systems, and the Office of New Student Programs in the implementation and delivery of new services, policies and procedures.

## WHAT DO WE DO?

Counter service, including cashiering functions, is available on all four campuses. In addition to providing one-on-one assistance in-person at the front counters, the SES team provides telephone and email support to students.

SES provides the following Front Counter services on each campus:

- Admission, Transfer Credit & Registration Information
- Tuition & Fee Payment
- Transcript Requests & Pick-ups
- Advising & Testing Appointment Bookings
- Graduation Information

Students are encouraged to visit the Kwantlen FAQs site for answers to questions regarding admission, registration, fee payment, transcripts, transfer credit, financial aid, and more.

Students can also send email inquiries to [admissions@kwantlen.ca](mailto:admissions@kwantlen.ca) or telephone SES at 604-599-2000.

# Office of International Students and Scholars

## OUR PURPOSE: OFFICE OF INTERNATIONAL STUDENTS AND SCHOLARS (OISS)

To provide international students and scholars with academic and non-academic advice. To guide and support international students and scholars in their adaptation to Canadian culture and campus life. To encourage and assist all students at Kwantlen to participate in a global learning or work experience as part of their academic studies. To provide a central meeting place for those interested in global and cross cultural issues and dialogue to come together and learn from each other.

## INTERNATIONAL STUDENT SERVICES

The OISS provides resources and produces events to help students adjust to life in Canada and to get involved. Our International Educational Advisors also offer support in the following areas:

## Academic support

- Course planning
- Registration
- Fee and refund information
- Transfer credit
- Program requirements
- Dates and deadlines
- Graduation requirements
- Academic regulations and policies

## Non-Academic Support

- Study Permits
- Visitor Visas
- Work Permits
- Social Insurance Number
- Medical Insurance in Canada
- Various Workshops

Students can see an Advisor through drop-ins or regular appointments. For more information, please visit: [kwantlen.ca/oiss](http://kwantlen.ca/oiss)

## GLOBAL LEARNING EXPERIENCES

Global Learning Experiences (GLE) allow you to travel, meet new people, learn another language, immerse yourself in another culture, enrich your education and increase your employability. They are powerful vehicles for personal growth and broadening perspectives. There are plenty of opportunities for Kwantlen students to experience the world first hand. GLE's available to Kwantlen students include exchange, field schools, and volunteer programs.

### Exchange

Exchange is a program in which a Kwantlen student attends one of Kwantlen's partner institutions for a semester or two while paying Kwantlen tuition and receiving transfer credit at Kwantlen for courses taken abroad. In return, Kwantlen hosts students from its partner institutions in many different programs.

Kwantlen has exchange partners all around the world and students from most programs can participate. For more information such as costs, eligibility requirements and partner schools, please check our website [www.kwantlen.ca/oiss](http://www.kwantlen.ca/oiss).

Kwantlen students who are considering going on exchange should meet early in their programs with the OISS and an academic advisor in order to best plan their courses both at home and abroad.

Information sessions will begin in the Fall term.

If you are a student from one of Kwantlen's partner institutions, please apply to come to Kwantlen through your home institution's exchange office.

If you are a student not from one of Kwantlen's partner institutions who would like to come to Kwantlen for a semester or a year without seeking a credential from Kwantlen, please follow the instructions for "visiting students" the OISS website: [www.kwantlen.ca/oiss](http://www.kwantlen.ca/oiss).

### Field Schools

Field Schools are short-term group programs that combine in-depth study of a subject with hands-on experience in another

culture or environment. Live what you are learning! Past Field Schools include:

- Language and Culture programs in France, Germany, and Japan
- Global Community Service in Ghana

Summer 2012 offerings are expected to include programs in Chile, Kenya, Germany and Japan. Please visit [kwantlen.ca/exchange/field\\_schools](http://kwantlen.ca/exchange/field_schools) for more info.

## More Opportunities

In addition to Exchange and Field Schools, students can also get involved with international work or volunteering. Some examples of past international work, co-op, volunteer, and practicum placements have seen Environmental Protection students go to Ghana, Horticulture students to Cuba and Nursing students to Thailand.

For international work/volunteer placements, Kwantlen's Career Services Centre provides some valuable resources: [kwantlen.ca/careers/students/international](http://kwantlen.ca/careers/students/international). Co-op students should inquire about opportunities through their Co-op instructor while nursing students should contact [internationalprograms@kwantlen.ca](mailto:internationalprograms@kwantlen.ca).

## OISS CONTACT INFORMATION

### Richmond

Room 1565

Telephone: 604.599.2635

Fax: 604.599.2724

### Surrey

Cedar Building Room 2005

Telephone: 604.599.2635

Fax: 604.599.2449

### Email

[oiss@kwantlen.ca](mailto:oiss@kwantlen.ca)

### Website

[www.kwantlen.ca/oiss](http://www.kwantlen.ca/oiss)

### Mailing Address

Kwantlen Polytechnic University

12666-72nd Avenue

Surrey, BC, Canada V3W 2M8

## For Future Students

The Office of New Student Programs services students interested in attending Kwantlen. Representatives from this area are the first point of contact to provide up-to-date information to students, parents, counsellors and teachers about Kwantlen programs, services, facilities and admission requirements. Staff from this office are responsible for student recruitment activities including visiting secondary schools and attending education fairs nationally and internationally. The office also arranges the mail-out of information such as viewbooks, calendars and brochures to secondary schools.

During the year Kwantlen offers public tours and open houses to showcase the wide range of programs and resources available at our Cloverdale, Langley, Richmond and Surrey campuses. Services are also available to connect individuals to visit or tour a specific discipline area. Arrangements for campus tours are made through the Office of New Student Programs. Call 604.599.3165 or visit [www.kwantlen.ca/futurestudents](http://www.kwantlen.ca/futurestudents) for more information.

## How to Apply

When you are ready to apply for admission to Kwantlen Polytechnic University, visit [www.kwantlen.ca/apply](http://www.kwantlen.ca/apply) to access Kwantlen's online application. Before applying online, be sure to review the online Admissions Guide at [www.kwantlen.ca/admission](http://www.kwantlen.ca/admission) to ensure you are aware of current application deadlines, documentation required for your application, and other detailed information about the admission process.

Be advised that payment of the application fee is required at the time of application in order for your application to proceed. You will need a valid VISA, MasterCard, American Express or an approved Interac® Online debit card to pay the non-refundable application fee. If you choose not to pay your application fee by credit card, we welcome your application and payment by mail or in person. Download and print out an application (in PDF format) from [www.kwantlen.ca/apply](http://www.kwantlen.ca/apply). For paper applications, bring the completed application package to any campus Student Enrolment Services Office or mail it to:

Kwantlen Polytechnic University

c/o Admissions

12666 72 Avenue

Surrey, B.C.

Canada V3W 2M8

Application fees are published in the online Admissions Guide at [www.kwantlen.ca/admission](http://www.kwantlen.ca/admission).

## READMISSION TO KWANTLEN

### Open Admission Programs

Students in open-admission programs do not need to re-apply for admission after missing a semester. Students remain eligible to register for up to two (2) consecutive semesters after applying and up to three (3) consecutive semesters (withdrawals excluded) after registering for a semester.

### Selective Entry and Continuous Intake Programs

Applicants to selective-entry and continuous intake programs who are not selected for a program intake or who are selected, but do not register, are required to re-apply for admission to the selective entry program.

## General University Admission Requirements

Admission to Kwantlen varies depending on the program to which you are applying. Not only does Kwantlen offer **undergraduate-level** studies, we also provide qualifying courses and programs within our Faculty of Academic and Career Advancement that are at the **university preparatory-level**, as well as a variety of **vocational-level** programs. Each level of programming has different requirements for admission.

To qualify for admission, applicants must:

1. satisfy the appropriate undergraduate, vocational, or university preparatory-level English proficiency requirement,
2. qualify under one of Kwantlen's admission categories,
3. satisfy specific program admission requirements

# 1. KWANTLEN'S ENGLISH PROFICIENCY REQUIREMENT

## Undergraduate-Level English Proficiency Requirement

All undergraduate applicants must satisfy Kwantlen's **General University Admission English Proficiency Requirement**.

Any of the following achievements can be used to satisfy this requirement:

### HIGH SCHOOL GRADES

A grade of "C" in one of the following courses (or equivalent from another school system):

- English 12
- English Literature 12
- English 12 First Peoples
- IB English A1 or A2 (HL or SL)
- Communications 12
- Technical Professional Communications 12
- English 12 from a completed Adult Dogwood Diploma

*For English 12 and all other provincially examinable courses, Kwantlen will accept the blended grade (classroom grade + provincial examination grade) OR the classroom grade — whichever is higher — for the purposes of university and program admission and for satisfying course prerequisites. Current students wishing to use a higher classroom mark for the purposes of satisfying prerequisites should request to have an official copy of their high school transcript sent to Admissions should they wish to have their academic record updated to include the classroom mark for any provincially examinable courses.*

### TESTING OPTIONS

One of:

- Kwantlen Placement Test into one of: ENGQ 1099, ABEE 0091, ABEE 0092 or ELST 0381
- LPI Essay score of 26 Level 4
- Internet based TOEFL (iBT) score of 80 (taken within the last two years)
- Paper-based TOEFL 550 with TWE 4.5 (taken within the last two years)
- IELTS Academic Module overall band score of 6.0 with a minimum of 6.0 in each band (taken within the last two years)

### KWANTLEN COURSE COMPLETION OPTIONS

One of:

- Completion of ENGQ 1098 with a minimum grade of "C" (or transferable equivalent)
- Completion of ELST 0281 or ABEE 0081 with a minimum grade of "B-" (or transferable equivalent)
- Successful completion of ENGL 1100 (or transferable equivalent)

## Vocational-Level English Proficiency Requirement

Applicants to **vocational-level** programs are not required to meet the above English proficiency requirement. English proficiency is assessed according to the specific requirements of the vocational-level program. Program admission requirements are included in the descriptions of each program. See the Program Index. **Note:**

Apprenticeship programs are not subject to Kwantlen's English Proficiency Requirement.

## University Preparatory-Level English Proficiency Requirement

Applicants to **university preparatory-level programs** are not required to meet the above English proficiency requirement. English proficiency is assessed according to the specific requirements of the preparatory-level program. Program admission requirements are included in the descriptions of each program. See the Program Index.

Applicants to undergraduate or vocational-level programs who do not meet the English proficiency requirement of their program of admission may be offered admission to Adult Basic Education (ABE), University Qualifying Studies, or English Language Studies (ELST). Information about these program options can be found at [www.kwantlen.ca/aca](http://www.kwantlen.ca/aca).

## 2. ADMISSION CATEGORIES

All applicants must qualify under one of the following admission categories.

### Regular Admission

Anyone who is a graduate of a BC Secondary school in any program, or the equivalent from another school system, qualifies under Kwantlen's regular admission category. Applicants who are missing only one course for graduation are also eligible to attend, provided they have completed English 12 or the equivalent with a minimum "C" grade. As per the 2004 Provincial Graduation Program requirements, BC secondary school students are required to write their Language Arts 12 provincial exam (i.e., English 12, First Peoples English 12 or Communications 12). For English 12 and all other provincially examinable courses, Kwantlen will accept the blended grade (classroom grade + provincial examination grade) OR the classroom grade - whichever is higher - for the purposes of university and program admission and for satisfying course prerequisites. BC Secondary school students do NOT have to write optional provincial exams in order to be admitted to Kwantlen. For applicants who have completed the BC Adult Graduation Diploma program, provincial exams are not required. Home Schooled applicants will be evaluated as equivalent to BC Grade 12 graduates, provided they have written and passed the BC Provincial English examination. Home Schooled students who require Mathematics for entrance to their programs may also be required to write Kwantlen's Math Placement Test.

### Mature Student Admission

Anyone who is not a secondary school graduate (or equivalent) but who will be nineteen (19) years of age or older on the first day of classes for the term is eligible to attend Kwantlen as a mature student.

### Underage Admission

Anyone who is not a secondary school graduate but who is seventeen years of age or older, and has not been in regular attendance at a secondary school for a minimum of one year, is eligible to appeal for permission to attend Kwantlen as an underage applicant. Applicants in this category will normally only be accepted into the Adult Basic Education (ABE) or English Language Studies (ELST) program. Admission of underage applicants to other programs will be considered on an individual basis.

## Special Admission

An applicant who does not meet any of the above admission criteria may appeal to be admitted as a Special Admission student and complete up to 12 credits before they must meet the general university admission requirements. Testing and attendance at an interview may be required and the applicant must provide supporting documentation as requested. Students under 19 who have not written the BC Provincial English examination will be required to write Kwantlen's English Placement Test (or equivalent) in order to be considered a Special Admission student.

## Concurrent Admission

Students who are enrolled in grade 12 in a BC Secondary School may be admitted to Kwantlen to pursue Concurrent Studies. Normally, no more than 3 semester hours credit may be applied toward the requirements of a certificate program. Similarly, no more than 6 semester hours credit may be applied toward the requirements of a diploma program. The following conditions will apply to concurrent studies:

- The applicant must have achieved a B standing in academic subjects in the last full year of high school completed
- The applicant must be enrolled in a BC Secondary School at the grade 12 level, in a program that meets regular Kwantlen entry requirements
- The applicant must have the written recommendation of the secondary school principal
- The applicant must have the written consent of his or her parent(s) or legal guardian if under the legal age of majority on the opening day of classes
- The applicant must have the support of the Dean responsible for the course(s) in which she or he plans to enrol

Admission will generally be limited to one semester only; however, it may be renewable with the continued support of the school principal and the Dean. Concurrent students will be treated as typical students in most respects except they may not register in a full range of courses, and their eligibility to register is valid for one semester only (unless renewed as above). Kwantlen reserves the right to limit the number of seats available in total and per class.

## 3. PROGRAM ADMISSION REQUIREMENTS

Once an applicant has met the appropriate English Proficiency requirement and has qualified under one of the above admission categories, they may be considered for admission to a specific program. Each program has a different set of program admission requirements, and some programs require a higher English proficiency requirement than that listed under the above undergraduate English proficiency requirement. The specific requirements of your program of interest are included in the descriptions of each program. See the Program Index.

## Admission Types

### OPEN ADMISSION

An open admission program is a program for which the program admission requirements are the same as the general university admission requirements. Qualified applicants are admitted to these programs based on meeting these requirements. Kwantlen

is committed to accepting all qualified applicants who apply on or before the application closing date. At times, the number of courses desired by qualified applicants can exceed the number of spaces available. Therefore, acceptance to Kwantlen is not a guarantee of registration in any or all of the courses or course sections an applicant may desire.

### SELECTIVE ENTRY ADMISSION

Selective entry programs have program-specific admission requirements in addition to Kwantlen's general university admission requirements. Applicants are deemed 'qualified' once they have met all program-specific admission requirements. Offers of admission are then based upon meeting the admission requirements. Qualified applicants may be wait-listed and seats in each program will be offered to applicants on the wait-list in order of application date.

### FIXED TERM ADMISSION

A fixed term program is a program that has a limited number of seats (limited enrolment registration) and begins and ends on dates that are usually different from Kwantlen's regular semester dates. Admission to most fixed term programs requires a selection process based on specific program admission requirements. Qualified applicants may be wait-listed by date of application and seats in each program will be offered to applicants on the wait-list in order of application date.

### CONTINUOUS INTAKE ADMISSION

A continuous-intake program is a program in which there are a limited number of seats (limited enrolment registration) that are continuously filled from a wait-list as space becomes available. There are no fixed start and end dates for the program. Instead, each student starts and ends the program on an individual basis. Admission to most continuous-intake programs requires a selection process based on specific program admission requirements. Qualified applicants may be wait-listed by date of qualification and seats in each program will be offered to applicants on the wait-list in order of qualification date.

## Application Timelines

Applications to Kwantlen and to particular programs will only be received within a specific interval of time prior to the start of a program intake. A person's date of application is determined by the date that the application and accompanying application fee is received.

All dates are subject to change without notice. If an application start or close date falls on a weekend or on a holiday, the deadline will be extended to the next business day for both online and in-person applications.

### SEMESTER-BASED PROGRAMS

Applications for admission or re-admission to a particular intake of a semester-based program may be submitted in accordance with the following timelines.

- Fall (September) semester application start date: November 01
- Spring (January) semester application start date: March 01
- Summer (May) semester application start date: July 01

Application closing dates for each semester are published in the online Admissions Guide at [www.kwantlen.ca/admission](http://www.kwantlen.ca/admission).



Applications will only be accepted after the published application closing date if it appears that the program intake will not be filled by qualified applicants who submitted an application within the published application timelines.

Applications for selective-entry programs will not be carried over from one program intake to the next. Applications from international applicants will also not be carried over from one program intake to the next. Re-applicants must be prepared to go through the full admissions review process again, even though they may have met the admission requirements at the time of the original application.

## FIXED TERM PROGRAMS

Application timelines for fixed term programs vary based on the start of the program intake. To inquire about program-specific deadlines, contact the Office of Admissions by e-mail at [admissions@kwantlen.ca](mailto:admissions@kwantlen.ca) or by phone at 604 599 2000.

## CONTINUOUS INTAKE PROGRAMS

Applications for continuous intake programs will be accepted throughout the year. As continuous intake programs run continuously, there is no cut-off date after which applications will no longer be received. Seats in the program will be filled from the qualified applicant list in order by date of qualification.

## Documents Required for Admission

Official transcripts from the high school or post-secondary institutions you have previously attended may be required to process your application. For details on the documents you may be required to submit, and how to go about submitting them, visit the Required Document Submission section of the online Admissions Guide at <http://www.kwantlen.ca/admission/reqdocsub.html>.

All documents submitted to Kwantlen become the property of Kwantlen Polytechnic University. Neither the original document nor copies will be released to you or anyone outside of the institution. Applicants who do not attend and wish to re-apply later may be required to submit a new set of documents.

## Assessment and Testing

Kwantlen's Assessment and Testing Department offers:

- assessments for admission into various Kwantlen programs
- educational assessments to ensure that students are placed into programs and/or courses that match their abilities and needs
- invigilation of exams for other institutions or outside agencies

All applicants to Kwantlen, regardless of country of origin or citizenship status, must be able to undertake studies in the English language. Applicants are required to produce evidence of competency to undertake studies in the English language. An applicant may be required to take a test of facility in the English language before admission to a program. Competence in the English language is required for listening, reading, speaking and writing.

Most courses offered are reading and writing intensive. Applicants who cannot produce evidence of competency or who do not meet the standards set by a test of facility in the English language

should inquire about Academic and Career Advancement Programs.

Testing is required for admission into a variety of programs at Kwantlen. The tests being used are not examinations; they are designed to help students determine their appropriate placement levels for admission to courses or programs that have specific pre-requisites. If you do not meet the General University Admission Requirements, or the requirements for a program, you may be required to complete appropriate testing and/or upgrading.

If you require assistance in determining which test is most suitable for you, please make an appointment with the Academic and Career Advancement Advisor by calling 604-599-2000.

To book an assessment, please visit the Student Enrolment Services office on either the Surrey, Richmond, Langley or Cloverdale campus. To book *an invigilation only*, please contact Assessment and Testing Services office at 604-599-2368.

For more detailed information, visit [www.kwantlen.ca/testing](http://www.kwantlen.ca/testing).

## Credit for Previous Learning

Kwantlen recognizes that many of its students may wish to be granted formal recognition for knowledge and skills already acquired. This recognition may be in the form of:

- transfer credit for courses completed in high school (e.g. Advanced Placement Program, International Baccalaureate Program),
- transfer credit for courses completed at another post-secondary institution,
- credit for prior learning assessment where there has been no formal coursework at a recognized post-secondary institution.

Through credit for previous learning, students may be granted credit that can be applied toward the admission requirements of a program, toward the graduation requirements of a program or to meet the prerequisite requirements for individual courses. Applicants should note that the application of credit granted may differ for the purposes of admission, registration or graduation. For information on how the transfer of courses may impact program requirements and graduation, refer to the Graduation section of the online calendar.

## TRANSFER CREDIT

A student who has completed courses at another post-secondary institution may request that these credits be transferred to Kwantlen. Where Kwantlen offers an equivalent course to that taken at another institution, the student may be granted transfer credit for the Kwantlen course. Where Kwantlen does not offer an equivalent course, the student may be granted unassigned credit at the appropriate year level in the subject area (e.g. 3 credits in Anthropology at the second year level). Minimum grade stipulations may apply to transfer credit and though transfer credit may be granted, a further decision on the applicability of the credits toward program admission or graduation requirements may be required.

Course outlines must be submitted for all post-secondary courses if they are not listed on the B.C. Transfer Guide ([www.bctransferguide.ca/](http://www.bctransferguide.ca/)). There is a charge for assessing courses taken outside of British Columbia. Refer to this calendar's General Fee Table for cost.

Courses transferred from another post-secondary institution are not included in the calculation of the institutional grade point

average. The transfer of credits and the transfer grade point average become part of the student's permanent record at Kwantlen.

The time it takes to complete the transfer credit articulation process varies from semester-to-semester and from program-to-program, therefore it is strongly recommended students submit their request for transfer credit and all supporting documentation (course outlines, official transcripts) upon application for admission to Kwantlen. Submission deadlines are posted to the transfer credit website at [www.kwantlen.ca/transfercredit](http://www.kwantlen.ca/transfercredit).

Any student planning to transfer to a university or other post-secondary institution should be aware that transfer credits granted by Kwantlen are not binding at another post-secondary institution.

Request for Transfer Credit forms are available online at [www.kwantlen.ca/transfercredit](http://www.kwantlen.ca/transfercredit) or from the Student Enrolment Services Office located on any campus.

Policy B.15 can be viewed at the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies) for further details.

## LETTER OF PERMISSION

A letter of permission may be requested by Kwantlen students who wish to take upper division courses to help satisfy third and fourth year courses required in their degree program at Kwantlen, or by those students who wish to take a course(s) at other post-secondary institutions but have been unable to find the course transfer equivalency from the BC Transfer Guide [www.bctransferguide.ca](http://www.bctransferguide.ca).

Before applying for a Letter of Permission, a student must be in good academic standing at Kwantlen, have completed nine semester credit hours of study at Kwantlen and have a minimum Cumulative Grade Point Average (CGPA) of 2.00.

Request for Letter of Permission forms are available online at [www.kwantlen.ca/transfercredit/forms](http://www.kwantlen.ca/transfercredit/forms) or from the Student Enrolment Services Office located on any campus.

## ADVANCED PLACEMENT (AP) PROGRAM

Visit [www.bctransferguide.ca](http://www.bctransferguide.ca) or see policy B.8 which can be viewed at the Library or online at [kwantlen.ca/policies](http://kwantlen.ca/policies) for further details.

All Advanced Placement (AP) courses are considered for admission in combination with an approved high school credential. Transfer credit will be assessed upon receipt of a Request for Transfer Credit Form and an official College Board transcript.

### Submitting Transcripts

Students will need to request official final transcripts to be sent directly to Kwantlen from College Board once all examinations have been completed.

### Advanced Placement Grade Conversion

Calculation of the AP exam grade to a percentage will be determined according to the following chart:

AP Exam Grade	Equivalent Percentage
5	96
4	86
3	80

## Transfer Credit for AP Courses

Students who have completed Advanced Placement (AP) subjects with a score of 4 or greater will receive advanced standing in accordance with the table of equivalencies which has been established in consultation with faculty. The table of equivalencies is reviewed and updated by the appropriate Departmental and Divisional Curriculum committees each year.

For information regarding deadlines, transfer credit forms and to view the table of course equivalencies, refer to the Transfer Credit website at: [www.kwantlen.ca/transfercredit](http://www.kwantlen.ca/transfercredit).

## INTERNATIONAL BACCALAUREATE (IB) PROGRAM

International Baccalaureate students are eligible for admission on the basis of successful completion of the IB Diploma. All International Baccalaureate (IB) courses are considered for admission in combination with an approved high school credential.

### Submitting Transcripts

Students will need to arrange to have final official transcripts sent to Kwantlen University. For more information about ordering transcripts, please contact your IB regional office or check on the IB site at: [www.ibo.org/iba/transcripts/](http://www.ibo.org/iba/transcripts/)

Students completing both High school Curriculum and IB diploma program will need to arrange to have official high school transcripts and official IB results sent to Kwantlen.

### International Baccalaureate Grade Conversion

Visit [www.bctransferguide.ca](http://www.bctransferguide.ca) or see policy B.9 that can be viewed at the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies) for further details.

Kwantlen will convert your IB exam scores into percentages for the purposes of admission and transfer credit.

If you are completing an IB course and the related high school course, we will use the higher of the two grades for admission.

IB Exam Grade	Equivalent Percentage
7	96
6	90
5	86
4	76
3	70

### Transfer Credit for IB Courses

Students who have completed Higher Level International Baccalaureate subjects will receive advanced standing in accordance with the table of course equivalencies which has been established in consultation with faculty.

The table of equivalencies is reviewed and updated by the appropriate Departmental and Divisional Curriculum committees each year. To apply to receive Kwantlen credit as a result of completing International Baccalaureate courses, students are

required to submit an official transcript from the International Baccalaureate Organization to Kwantlen.

For information regarding deadlines, transfer credit forms and to view the table of course equivalencies, refer to the Transfer Credit website at: [www.kwantlen.ca/transfercredit](http://www.kwantlen.ca/transfercredit).

## Declining Transfer Credit for IB Courses

Students who do not wish to have transfer credit for IB courses completed will need to submit the Decline IB Transfer Credit form.

## PRIOR LEARNING ASSESSMENT

Policy B.14 can be viewed at the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies) for further details.

Kwantlen recognizes that students may attain significant learning at a post-secondary level through work, training, and informal experiences outside the formal post-secondary system or from institutions with whom Kwantlen does not have course transfer and articulation agreements. Through Prior Learning Assessment (PLA), Kwantlen will grant credit toward a certificate, diploma, or degree for this learning if it fulfills the requirements of the program to which the student has applied.

Note: Kwantlen accepts PLA credit awarded at other public post-secondary institutions in the same manner as Transfer Credit.

Applications for PLA credit are available from Student Enrolment Services. Before applying for PLA, a student must meet with the PLA Advisor in his or her program area for detailed information regarding level. Although PLA credit may be granted, a further decision on the applicability of the credits toward program admission or graduation requirements may be required.

Any student planning to transfer to a university or other post-secondary institution should be aware that PLA credit granted by Kwantlen is not binding at another post-secondary institution.

## Methods of Prior Learning Assessment

The following methods of assessment may be used, independently or in combination, to determine if the PLA applicant has met the required standards:

### CHALLENGE EXAM:

A test or exam (written or oral) that is designed to validate the knowledge of the candidate as it relates to course requirements. A challenge exam may be the same test or exam given to students who formally attend the course. It is limited to questions that are directly related to the learning objectives/outcomes of the course, not to information that would be available only by regular attendance in the classroom.

### STANDARDIZED TEST:

Similar to a Challenge Exam. However, someone from the department other than the assessor usually develops this test or exam. It is focused around widely recognized standards (as set by a department or professional/sectoral organization) that are equivalent to the course objectives.

### PRODUCTS/PORTFOLIO:

Documents or objects that have been produced by the candidate and demonstrate tangible proof of accomplishment. These may include, but are not limited to, reports, computer printouts, videos, illustrations, prototype models, or an artist's portfolio. Students may be asked to demonstrate abilities or answer questions about the portfolio by the assessor.

### DEMONSTRATION:

Simulation or actual presentation of candidate's abilities, which may be live, recorded, or videotaped. The demonstration may include, but is not limited to, such activities as presenting a speech, role-playing a situation, creating a document on computer, giving a musical performance, performing a lab experiment, interviewing a client, operating equipment, or completing a procedure.

### INTERVIEW:

Oral questioning. The PLA interview is focused around course objectives and may include techniques such as open-ended questions, case studies, and prepared analyses. The interview is used to clarify areas of learning, and may be used in parallel with other methods, as a sole method of assessment, and/or as a means to ensure authenticity of products.

### WORKSITE ASSESSMENT:

Similar to a demonstration. The candidate is observed performing tasks as a part of normal work routine, or as specifically assigned, in the place of work. Assessment is normally done by faculty assigned to a candidate, but may also be made by a work supervisor or field expert. If performed by an external assessor, may be followed up by a self-assessment and/or interview with a faculty assessor.

### SELF-ASSESSMENT:

Assessment performed by the candidate, usually with the aid of an established form or questionnaire. Normally requires a parallel assessment by a field expert and/or faculty assessor.

### EXTERNAL EVALUATION:

Assessment provided by an expert other than Kwantlen faculty. Assessment method may include, but is not limited to, performance evaluation, letter of validation, or worksite assessment, and may require follow-up by faculty.

## Exemption

In some instances, a student does not have formal course work that is equivalent to courses taught at Kwantlen, but does have a combination of education and experience that would permit her or him to be granted an exemption from an introductory or prerequisite course. A student who is granted an exemption must still complete the required number of courses and credits for a degree, associate degree, diploma, certificate or citation. However, the number of elective courses and credits will be increased. A student who has been granted exemption from a course may not subsequently enrol in that course for credit.

## Financial Assistance & Awards

Your university education will be one of the most important – and most prudent – investments of your lifetime. For qualifying students, Kwantlen supports the journey to success with numerous scholarships, bursaries and awards ranging from \$250 to \$2250. In fact, we offer over \$2 million in scholarships, bursaries and awards annually to students at Kwantlen, of which \$225,000 is offered to students enrolling at Kwantlen for the first time.

In addition, the Student Awards and Financial Assistance Office (SAFA) provides information to students and their families on various options of financial assistance, including grants, student

loans (Canada and US), government-funded programs, student lines of credit, as well as budgeting tips and techniques.

At Kwantlen Polytechnic University, we understand that you may have questions about the investment costs associated with attaining your post-secondary education. That's why we have devoted significant time and resources to helping you plan for and finance this investment in your future.

- Entrance Scholarships at Kwantlen
- Scholarships, Bursaries and Awards
- Awards for Graduating Students
- External Awards Outside of Kwantlen
- Student Loans (Canada and US)
- Tuition Payments and Fee Deferrals
- Available Grants
- Students with Permanent Disabilities
- ABESAP
- Emergency Aid
- Information for Parents
- Other Resources
- Contact Us

## ENTRANCE SCHOLARSHIPS AT KWANTLEN

Kwantlen Polytechnic University offers over **\$225,000** in scholarships and awards annually to students who are enrolling at Kwantlen for the first time. Academic excellence, program of study, community/school involvement and volunteer activities are some of the factors in the selection process.

### The Leaders of Tomorrow Entrance Scholarships

These scholarships are comprised of one President's Award and three Merit Awards that are allocated to each of the following school districts: Richmond, Delta, Surrey, Langley and Ridge Meadows. In addition, one President's Award and three Merit Awards are open to students graduating from any other school district within the province of British Columbia.

#### PRESIDENT'S AWARD - \$20,000

- Enrolled in any four-year program at Kwantlen, full-time (minimum 12.0 credits) and continue in the same program of study for each year thereafter
- Maintain a minimum GPA of 3.0 for the duration of the award period
- \$5,000 received each year over four years

#### MERIT AWARD - \$5,000

- Enrolled full-time (minimum 12.0 credits) in any Kwantlen program
- Maintain a minimum GPA of 3.0 for the duration of the award period
- Award payment will be divided between the September and January semesters

Each January, information and application forms for the Entrance Scholarships are available online at [kwantlen.ca/awards](http://kwantlen.ca/awards).

In addition to the Leaders of Tomorrow Scholarships, there are further entrance awards opportunities offered at Kwantlen to which students can apply directly. Please visit [kwantlen.ca/awards](http://kwantlen.ca/awards) for details.

## SCHOLARSHIPS, BURSARIES AND AWARDS

### Fall Awards

Through generous donations from donors, along with the University's financial commitment, Kwantlen Polytechnic University offers a variety of scholarships, bursaries and awards in the Fall Awards program. A number of criteria apply to these awards including assessed financial need, academic achievement, program of study and other specific requirements. Students only need to complete one online application to be considered for many awards within the institution. Information regarding these awards and how to apply is available in Kwantlen's Online Awards Guide.

**Application Deadline: September 16, 2011**

### Program Awards

Kwantlen also offers awards to students in many other programs and areas such as: Horticulture, Music, Trades, Design, and Athletics. For more information on these specific awards, please visit our Online Awards Guide or speak to a Financial Aid Officer at any Kwantlen campus.

### Awards for Graduating Students

Kwantlen Polytechnic University offers graduation awards to honour students who have excelled in their program of study. Volunteer activities, contribution to the Kwantlen community or faculty recommendation may be factors in the selection process.

- Governor General's Silver Academic Medal
- Governor General's Collegiate Bronze Academic Medal
- Lieutenant Governor's Medal
- George C. Wootton Award
- Deans' Medals – one awarded to a student from each Faculty
- President's Outstanding Graduate Award for a Degree Program
- President's Outstanding Graduate Award for a Diploma Program

The awards each carry a monetary value of \$500 and are presented at Convocation.

### External Awards Outside of Kwantlen

To ensure Kwantlen students have access to as many resources as possible to help fund their studies, Student Awards and Financial Assistance maintains a list of external awards for which students may be eligible. These awards are offered by donors who may not necessarily be directly affiliated with Kwantlen Polytechnic University. Students in receipt of an external or direct award should contact Student Awards and Financial Assistance at 604.599.2000 for information on how to receive their award.

## STUDENT LOANS

### Canada Student Loans

Canada Student Loans are a form of government-funded financial assistance that must be repaid. This funding is intended to assist students finance their post-secondary education. Eligibility is determined by a standard means test developed by the federal and provincial governments. While you pursue post-secondary studies on a full-time basis, the government pays the interest on your loan.

To obtain a loan, apply directly to the government assistance provider in your home province. This is a one-step process that considers you for federal and provincial loans and grants. If you apply for a loan, you are held responsible for understanding how your province's program works, so please read their information carefully.

**To receive a loan, students must be attending school on a full-time basis.** This is very important, as dropping below this threshold can mean early repayment of the loan and/or loss of funding. For the purposes of most university-level programs offered at Kwantlen, a student is considered to be attending on a full-time basis provided that they are registered in a minimum of 9 credits per semester (in courses numbered 1100 or higher). Repeated courses do not qualify as part of the minimum course load. A 40% course load (the equivalent of 6 credits of study for most Kwantlen students) is considered full-time for students with an approved permanent disability appeal for a reduced course load. Generally, students attending in trades, career or vocational programs are deemed to be attending on a full-time basis. Some exceptions apply and it is the student's responsibility to confirm the eligibility of their program of studies. Check with a Financial Aid Officer for further details.

Residents of BC should apply for student loan and grant assistance via StudentAidBC. Students may wish to also contact the Ministry of Advanced Education directly at their toll free number 604.660.2610. For more information on the new integrated Canada Student Loan and BC Student Loan and how to access application forms, please contact the Student Awards and Financial Assistance Office.

#### **APPLICATION DEADLINES:**

Nov 14, 2011 (Fall term)    Mar 12, 2012 (Spring term)    July 16, 2012 (Summer term)

## **Tuition Payments and Fee Deferrals**

Students who have been approved for assistance from StudentAidBC, the Canada Student Grant for Part-Time Students (CSG-PT) and/or the Adult Basic Education Student Assistance Program (ABESAP), or who are in receipt of a Direct Award, may be eligible for an exemption from the tuition fee payment deadline.

Please complete the *Fee Deferral Form*, available from any Student Awards and Financial Assistance Office, or download the form from [kwantlen.ca/awards](http://kwantlen.ca/awards), prior to the fee payment deadline. Faxed copies are acceptable.

**Important - for those who are on student loan**, please ensure that you attach your *Notice of Assessment* that was sent to you by StudentAidBC (stating how much funding you are eligible to receive) to the Fee Deferral form – otherwise you will not be eligible for the deferral. If you have any questions, please speak with a Financial Aid Officer.

#### **APPLICATION DEADLINE:**

Sept 30, 2011(Fall term)    Jan 27, 2012 (Spring term)    May 31, 2012 (Summer term)

## **Interest-Free Status While Studying in School**

Students who are undertaking post-secondary level studies on a full-time basis are not required to make payments or pay interest on previously negotiated government student loans. It is, however, the student's responsibility to inform their government lending institution that they have returned to full-time study. Students can inform their previous lender of their return to full-time study by applying online for interest-free status at StudentAidBC or by obtaining signed Schedule 2 and Certificate 2

documents from Student Awards and Financial Assistance on any Kwantlen campus. Students who have negotiated student loans with a province other than BC may be required to submit alternate documents.

Students must be enrolled in a minimum of 9 credits at the 1100 level or higher. Repeated courses do not qualify as part of the minimum course load.

## **Repaying Your Student Loan**

Students are not required to make payments or pay interest on government student loans for a period of six months after leaving full-time studies. Interest begins to accrue the day after students cease to be a full-time student. Students returning to full-time study within six months will have this interest paid on their behalf by the government. If students are having difficulty repaying integrated loans, both the federal and provincial governments offer programs to assist in the repayment process. These debt management programs are designed for those facing difficulty in meeting their monthly payments to avoid defaulting on student loans. For more information on federal debt management programs, please contact the National Student Loan Service Centre. Information on the BC provincial programs can be found at the BC Student Service Bureau.

## **US Student Loans**

**US Federal Stafford Loans** (Direct Loans) are for undergraduate, graduate and professional degree students who are US citizens or permanent residents studying at a post-secondary institution. There are two types of Stafford Loans: subsidized and unsubsidized. You must demonstrate financial need to receive a subsidized Stafford Loan. Financial need is not a requirement to obtain an unsubsidized Stafford Loan.

**US Federal Parent PLUS Loans** (Direct Loans) are loans that parents can obtain to help pay the cost of education for their dependent children in undergraduate studies. In addition, graduate and professional degree students may obtain PLUS Loans to help pay for their own education. Speak with a Financial Aid Officer for more information on how this program works.

Further information on the William D. Ford Federal Direct Loan Program is available.

To apply for a US Direct Loan, students need to go to the US Student Loans website and register so that they can use the online tools. Complete the Free Application for Federal Student Aid (FAFSA) to obtain the Student Aid Report (SAR). Please read the 'Comments' section on the SAR to ensure that your data is complete. The SAR provides the data for your eligibility assessment. Bring the SAR to the nearest Student Awards and Financial Assistance Office where we will assist you with the rest of the process.

**Important – our Federal School Code is G33325 – you will need this to complete your application.**

US Private Loans are available to those students whose program of study does not qualify for funding under US Federal Aid guidelines. Students are encouraged to first check with their local state agency to see if there is any other financial assistance available to them. In addition, the Student Awards and Financial Assistance Offices are also here to help.

## AVAILABLE GRANTS

### Canada Student Grant/Loan for Part-Time Students

The Canada Student Grant/Loan is available to assist students studying on a part-time basis in an eligible post-secondary level program. Eligibility is determined on the basis of assessed financial need. The CSG-PT has a yearly (August 1 – July 31) funding limit of \$1200 per student. Once this limit has been reached, students have the option to apply for a Part-time Canada Student Loan.

### Students with Permanent Disabilities

For students who have a permanent documented disability there are both federal and provincial grants and bursaries that may be available to assist them. Students are encouraged to come and speak with a Financial Aid Officer to discuss funding opportunities.

#### APPLICATION DEADLINES:

Nov 14, 2011 (Fall term)      Mar 12, 2012 (Spring term)  
July 16, 2012 (Summer term)

### Adult Basic Education Student Assistance Program (ABESAP)

This program is available to assist students who are upgrading their education in preparation for post-secondary level studies. Eligibility is determined on the basis of assessed financial need. Eligible students must be Canadian citizens or landed immigrants studying either full-or part-time in one of the following areas: University Qualifying Studies, English Language Studies (ELST), Adults with Permanent Disabilities Program (APPD) and Adult Basic Education (ABE).

**Important - due to limited funding, ABESAP is only able to fund up to a maximum of nine (9) credits.** For details, contact the Student Awards and Financial Assistance Office.

#### APPLICATION DEADLINES:

Oct 21, 2011(Fall term)      Feb 24, 2012 (Spring term)      June 29, 2012 (Summer term)

### GI Bill Benefits (USA)

Students who are US citizens may be eligible to receive GI Benefits through the Department of Veterans Affairs (DVA), as Kwantlen Polytechnic University is listed as an authorized Institution of Higher Education (IHE). Students will need to speak with a Financial Aid Officer to determine if their program of study qualifies under the DVA guidelines.

**Important – our Facility Code is 1-101003-75. This number is the reference that DVA will need when you apply for assistance.**

## EMERGENCY AID

### Emergency Loans

Emergency Loans are available for students who are experiencing an unexpected delay with their student loans. To apply for an emergency loan, students will need to speak with a Financial Aid Officer.

## Emergency Bursaries

Emergency Bursaries may be available for those students who experience an unexpected financial hardship. Bursaries are non-repayable awards which are allocated primarily on the basis of assessed financial need. Students need to speak with a Financial Aid Officer regarding their circumstance. Please note – there is limited funding available from this resource.

Additional information, including eligibility and how to apply for emergency aid, can be obtained by visiting the Student Awards and Financial Assistance Office on any campus.

## INFORMATION FOR PARENTS

Investing in your child's education is probably one of the most important goals parents have today. The cost of education can certainly add up when you consider all the components, such as tuition and textbooks, and so it is very beneficial to begin looking for "free money" as soon as possible. It is recommended that students begin to learn about financial literacy and start searching for scholarships as early as in Grade 10 and 11. Parents are encouraged to work with their children and begin the process early to meet required application deadlines. A great resource to learn about financial literacy is the Financial Consumer Agency of Canada. Here you will find information on budgeting and money management, credit and loans, how to protect yourself from fraud, savings and investments, as well as a host of other tools to assist you. Please visit our "Other Resources" section to find other links to valuable information.

## CONTACT US

Mail: 12666-72 Avenue, Surrey, BC Canada V3W 2M8  
Web: [www.kwantlen.ca/awards](http://www.kwantlen.ca/awards)  
Email: [awards@kwantlen.ca](mailto:awards@kwantlen.ca)  
Phone: 604.599.2000

## Campus Locations

Surrey: Room 1820      Richmond: Room 1505      Langley: Room 1060  
Cloverdale: Room 1121

## Hours of Operation / Appointments / Drop Ins

Please visit the Student Awards and Financial Assistance website at [www.kwantlen.ca/awards](http://www.kwantlen.ca/awards) for updated information.

## Other Resources

### [www.canlearn.ca](http://www.canlearn.ca)

Includes an Education Cost Calculator and a Financial Planner. This is a great tool for parents!

### [www.debtfreegrad.com](http://www.debtfreegrad.com)

How to survive university without going broke.

### [www.getsmarteraboutmoney.ca](http://www.getsmarteraboutmoney.ca)

A great site for that looks at vehicles such as tax-free savings accounts, RESPs, GICs and Canada Savings Bonds to name a few.

### [www.nomoredebts.org](http://www.nomoredebts.org)

Manage your money, solve your debt and use credit responsibly.

## **www.studentawards.com**

Visit this site for scholarships and awards that are specific to you. Complete one online profile and awards come directly to your mailbox to apply.

## **www.themoneybelt.gc.ca**

Includes a financial literacy workshops for young adults.

# How to Register

To register students must have submitted an Application for Admission by the published deadline and have been accepted for admission to Kwantlen. Students are responsible for the accuracy and completeness of their registrations, and for meeting the stated prerequisites and co-requisites of a given course or program. Registration is primarily online, with in-person and telephone assistance available through Student Enrolment Services. Students registering online should check carefully that each transaction is completed, and review their registration record.

Detailed instructions about registering, the timetable, and registration dates and deadlines, are available in the **Registration Guide** ([kwantlen.ca/registration](http://kwantlen.ca/registration)).

## COURSE SELECTION

Program requirements are listed in the Calendar. Courses are scheduled then published in the Timetable, typically two weeks before the beginning of registration. Students begin the registration process by selecting courses from their program requirements for which they meet the requisites. Using the Timetable, a student then constructs a timetable, selecting a section (class) of each desired course in a way that creates a conflict-free timetable.

### Course Load

A full course load in most programs is five (5) courses, although some selective entry programs may require more than this. If a student is not enrolled in such a program and wishes to enrol in more than five (5) courses in one semester, she or he must obtain permission from the Registrar or designate. Normally, a B average will be required before permission will be granted to carry an extra course. A course overload will not normally be considered for a student in his or her first semester at Kwantlen.

### SEMESTER CREDIT HOURS

All undergraduate level courses have semester credit hours assigned to them. The semester credit hour is a standard unit that represents a minimum of one (1) hour of instruction per week for a semester. Most undergraduate level courses carry three (3) semester credit hours, although they may require more than three hours of classroom instruction per week.

### FULL-TIME STATUS

A student who is enrolled in nine (9) or more semester credit hours is considered to be full-time. An International student who is enrolled in nine (9) or more semester credit hours is considered to be full-time.

### PART-TIME STATUS

A student who is enrolled in fewer than nine (9) semester credit hours is considered to be part-time. An International student who is enrolled in fewer than nine (9) semester credit hours is considered to be part-time.

**Note:** A minimum course load of 9 semester credit hours, in a program that has a maximum course load of 15 credit hours, at the post-secondary level, is required to qualify for a student loan.

## ELIGIBILITY TO REGISTER

### Admission & Continuance

New students must have been admitted to Kwantlen prior to registering. Continuing student remain eligible to register for up to two (2) consecutive semesters after applying and up to three (3) consecutive semesters (withdrawals excluded) after registering for a semester.

Students who have not registered in over three consecutive semesters must re-apply for admission.

### Registration Deposit

You must have a prepaid balance of at least \$250 on your account prior to registering in any semester or for any program. New students in limited enrolment programs and new international students, will have prepaid a commitment fee; all other students, and continuing students must prepay a \$250 deposit.

## WHEN TO REGISTER

### Registration Times

Most students are assigned a registration time, at or after which they can register online. Students registration time assignment can be found online, in myKwantlen, and is generally available 8-10 days before registration begins.

### Registration Priority

The order of registration (the assignment of registration times) is governed by policy C.30 (see [kwantlen.ca/policies](http://kwantlen.ca/policies))

## PREREQUISITES AND CO-REQUISITES

Students are required to meet prerequisites and/or co-requisites for courses in which they intend to register, or have registered.

Students are allowed to register in a subsequent course while they are attending the prerequisite course. However, in the event they do not achieve the requisite grade, students will be automatically de-registered from the subsequent course, and may forfeit their registration deposit.

In the event an error occurs, and a student becomes registered in a course for which they do not have the stated requisites, the requisites remain fully in effect, and the student may be de-registered once the error is corrected.

Unless stated otherwise, the minimum grade necessary to meet requisites is a 'C'.

## LATE REGISTRATION

Registration continues to the end of the first week of classes. After the first week, students must obtain a Permission to Register form, signed by the appropriate signatories, and present it in person to Student Enrolment Services. Switching sections or courses after the first week of classes is not permitted.

## WAITLISTS FOR COURSES

Kwantlen does not allow students to waitlist for courses. See Delayed Release of Seats.

## DELAYED RELEASE OF SEATS

As students de-register from courses that are full, and space becomes available, access to the vacated seat is delayed for up to 24 hours, allowing all students an equal opportunity to register for the vacant seat. The schedule for releases is available in the Registration Guide ([kwantlen.ca/registration](http://kwantlen.ca/registration)).

## How to De-register

As well as registering in classes, students may need to de-register themselves from classes. Depending on the number of days before or after the first day of classes, the rules change.

## DROPPING A COURSE

Per policy C.39 (see [kwantlen.ca/policies](http://kwantlen.ca/policies)), students may adjust their course load (drop a course or courses) without financial or academic penalty prior to the first day of classes. Dropping all courses results in forfeiture of the registration deposit and/or commitment fee.

During the first week of classes - the Late Registration Period - students may drop a course without academic penalty (no record on their transcript). However, students are subject to a 30% of tuition penalty when they reduce their net billable tuition (credits or weeks).

## WITHDRAWING FROM A COURSE

Students may withdraw from open access and most selective entry courses until the end of the eighth week of a semester (or 50% of a course has elapsed). To officially withdraw from a course, a student must do so by the published deadline. The deadline for withdrawing is published in each semester's online Registration Guide and Timetable.

Non-attendance by itself does not constitute withdrawal from a course. A student is considered fully registered until she or he has either withdrawn using the online registration system or submitted a Course Status Change form (if registration in the program is not done online). A student who stops attending class but does not withdraw by the deadline will be assigned a grade of "F" for the course.

Before withdrawing from a course, recipients of student loans should confirm whether their status will be affected by the withdrawal. To be eligible for a student loan, a student must be enrolled in at least sixty (60) percent of a full course load for her or his program.

If a student withdraws during the second to eighth week of classes in a semester, the course(s) will appear on the student's official transcript with a grade of "W". Withdrawals will not be permitted after the end of the eighth week of classes.

A student who withdraws from all courses in a semester may need to apply for re-admission by the application deadline in order to register again at the University. Students will remain eligible for up to 2 additional consecutive semesters after applying and/or registering in an open access program.

## Fixed Term Programs

A student who is registered in a fixed term program and who wishes to withdraw must complete the appropriate section on a Program Status Change form, obtain signatures from the instructor, and submit the form to Student Enrolment Services. Students may withdraw from courses only until the mid-point of each course.

## Continuous Intake Programs

A student who is registered in a continuous-intake program who wishes to withdraw must complete the appropriate section on a Program Status Change Form, obtain signatures from the Library and the instructor, and submit the form to Student Enrolment Services.

## CANCELLED COURSES

If a course is cancelled, students will be contacted by phone or Kwantlen email. Students will be issued a full refund or reduction in fees owing for cancelled courses and registration deposits will not be forfeited under these circumstances.

## Registration Regulations

### ENROLMENT TYPES

#### Open access

Open access programs are those in which students may register for one or more courses in accordance with an established registration priority system. Seats are filled in a first-come, first-served basis, and admission does not guarantee registration. Most semester-based programs are open registration programs.

#### Limited enrolment

Limited enrolment programs have a limited number of seats available within each intake. In general, for each student admitted, seats in all required classes are guaranteed. Many selective entry admission programs have limited enrolment.

#### Self-paced

Self-paced programs require students to enrol (register) in classes as they are ready to begin the next course in a series. Students complete at their own pace, and may not be registering at the same times of year as most students.

### REPEATING A COURSE

Normally a student may register for either credit or audit status for the same course a maximum of two times (some exceptions apply). A student who withdraws will be considered to have registered if the withdrawal occurs during the period when a grade of W is assigned. This policy applies to all registrations, whether the course was successfully completed or not. The student retains the right to apply for special consideration or exemption from the policy by submitting a request for special approval to Student Enrolment Services. Students who attempt to register for a course a third (or higher) time without prior approval, will be blocked by the online registration system.

In the case of a repeated course, the grade used in computing Grade Point Average (GPA) will be the highest grade received. The grades for all attempts will remain on the student's permanent academic record and will appear on their transcript.



## AUDITING A COURSE

A student who wishes to take a course but does not wish to do so for credit may request to audit the course. An auditor is expected to attend class but does not participate in the evaluation process. To audit a course, a student must obtain the approval of the Registrar or designate, or an Educational Dean and be currently eligible to enrol. Priority is given to credit students so students are not permitted to register for a course and then change to audit status. The tuition fee for auditing a course is the same as that for a student taking the course for credit. Students will be permitted to request audit status in 1000 and 2000 level courses after the Fee Payment deadline. Students will be permitted to request audit status in 3000 and 4000 level courses during the first week of classes.

## GUIDED STUDY

Guided study refers to the offering of a course using a mode of instruction other than classroom instruction or distributed learning. In general, this will primarily involve self-study by the student with periodic guidance from an instructor. Guided study is not to be construed as instruction by correspondence or distance education.

Only courses listed in the Kwantlen calendar may be offered by guided study and the goals and objectives of the course must be adhered to. A course will not be offered by guided study if it is currently being offered by classroom instruction on the student's home campus. Courses that involve work experience or substantial laboratory work will not be offered by guided study. Similarly, courses that depend heavily on student-instructor interaction will not be offered by guided study.

To be eligible to enrol in a course offered by guided study, a student must normally meet the following criteria:

- have successfully completed or transferred a minimum of four (4) courses totalling a minimum of twelve semester credit hours at/to Kwantlen
- have achieved a minimum Cumulative Grade Point Average (CGPA) of 3.00
- be currently enrolled in at least one course at Kwantlen

Enrolment in a course taught by guided study must not result in the student exceeding the normal academic workload for her or his program.

The tuition and other fees for a course taught by guided study are the same as those charged for a course taught by classroom instruction. Because of the particular fee arrangements for the instructor's services, no refund will be issued after the course has begun.

See policy C.16 ([kwantlen.ca/policies](http://kwantlen.ca/policies)) for further details.

## ATTENDING CLASS WITHOUT REGISTERING

Attending class without registering is not allowed; an instructor will allow in class only officially registered credit or audit students. Visitors will be admitted at the discretion of the instructor. Such visits will normally be permitted for only one or two classes in a semester.

## COURSE OUTLINES

Kwantlen has official course outlines for every credit course taught. These outlines have first been approved by a Kwantlen

Curriculum Committee and then by the Kwantlen Senate. They are available for inspection at all Counselling and Educational Advising offices.

## COURSE PRESENTATIONS

Each instructor will provide every student in her or his class(es) with a written course presentation, outlining the required and optional texts and materials, the evaluation scheme used, the instructor's policy on late assignments, the tentative schedule of topics, office hours and office room number and Kwantlen's policy on plagiarism and cheating.

## COMPASSIONATE WITHDRAWAL

Kwantlen expects students to attend the scheduled educational activities for which they have registered and to complete the required course and program requirements. Kwantlen also recognizes that may not be possible due to family, medical or emotional problems. In such cases the student will be treated with compassion and every effort will be made to help them complete their studies.

Students with short-term medical, emotional or other problems may request extensions on deadlines or other considerations from instructors or program coordinators. Where possible, such requests will be responded to favourably and without prejudice.

Students with longer-term medical, emotional or other problems who are unable to meet the deadline for withdrawal may request a complete withdrawal on compassionate grounds. Withdrawal under such circumstances will normally be without academic penalty, provided students notify Kwantlen in a timely manner and are in good academic standing at the time the medical, emotional or other problem developed. An Appeal form is available at Student Enrolment Services.

## Registration Timelines & Deadlines

### ACADEMIC SCHEDULE

#### Fall 2011

##### Classes Start

Tuesday, September 6

##### Withdrawal Deadline

Saturday, October 29

##### Classes End

Monday, December 12

##### Final Exams Start

Wednesday, December 14

##### Final Exams End

Thursday, December 22

#### Spring 2012

##### Classes Start

Monday, January 9

##### Reading Break - Start

Thursday, February 23

##### Reading Break - End

Friday, February 24

**Withdrawal Deadline**

Saturday, March 3

**Classes End**

Monday, April 16

**Final Exams Start**

Wednesday, April 18

**Final Exams End**

Thursday, April 26

**Summer 2012****Classes Start**

Monday, May 7

**Withdrawal Deadline**

Saturday, June 30

**Classes End**

Monday, August 13

**Final Exams Start**

Wednesday, August 15

**Final Exams End**

Thursday, August 23

**Tuition & Fees**

The Kwantlen Board of Governors has approved tuition and other fees for each program. They vary depending upon the type and duration of the program. Senior citizens (age 65 and older) are not charged tuition or other fees for most courses. In addition to Kwantlen approved tuition and fees, students also pay fees levied by the Kwantlen Student Association (KSA). Detailed explanations of the KSA fees follow the fee tables.

Tuition and fees are normally stated as a rate per credit. Therefore, the cost of a course can normally be calculated by looking at its credit value in the Calendar Course Descriptions and multiplying by the rate. Note in some cases, a maximum or flat rate for a given semester or year is charged.

This fee schedule applies from 1 July 2011 to 30 June 2012. Kwantlen reserves the right to amend this schedule without notice. Rates are listed in Canadian dollars.

**REGISTRATION FEES & TUITION TABLES****What type of program?**

The type of program that you are in can be found on the program page in the Kwantlen Calendar in the Admission Type section.

**CHARGES FOR OPEN ADMISSION & SELECTIVE ENTRY PROGRAMS**

Charge	Canadian Citizens or Permanent Residents	International
Tuition	\$ 123.55 per credit	\$ 450.00 per credit (\$460.00 per credit effective 01-Jan-2012)
Student fees for libraries, technologies and	\$ 8.64 per credit	\$ 15.00 per credit

student life (LTSD)  
(7% of tuition for Domestic)

**Kwantlen Student Association Fees**

Operating Fund	\$ 9.00 plus \$ 3.00 per credit*
Bursary Fund	\$ 1.00 per semester
Lobby Fund	\$ 0.29 per credit
SUB Capital Fee	\$ 0.95 per credit
START Volunteer Program	\$ 0.37 per credit
Reboot Computer Service	\$ 0.30 per credit
Peer Counseling	\$ 0.15 per credit
Advocacy Service	\$ 0.10 per credit
Clubs and Events	\$ 0.65 per credit
Social Justice Fee	\$ 0.15 per credit
Intramurals	\$ 0.25 per credit
Student Publication Fee	\$ 0.75 per credit
Canadian Federation of Students	\$ 0.60 per credit**
Student Association Extended Health Plan	\$ 97.00 per year
Student Association Dental Plan	\$ 90.00 per year
Multi-Pass	\$ 40.00 per month

\* to a maximum of \$ 50.00 per semester

\*\* to a maximum of \$ 7.20 per semester

**CHARGES FOR FIXED TERM PROGRAMS**

Charge	Canadian Citizens or Permanent Residents	International
Tuition	\$ 107.60 per week	\$ 450.00 per week
Student fees for libraries, technologies and student life (LTSD) (7% of tuition)	\$ 7.53 per week	\$ 15.00 per week

## Kwantlen Student Association Fees

Operating Fund	\$ 2.90 per week
Bursary Fund	\$ 0.10 per week
Lobby Fund	\$ 0.27 per week
SUB Capital Fee	\$ 0.86 per week
START Volunteer Program	\$ 0.35 per week
Reboot Computer Service	\$ 0.27 per week
Peer Counseling	\$ 0.14 per week
Advocacy Service	\$ 0.09 per week
Clubs and Events	\$ 0.60 per week
Social Justice Fee	\$ 0.14 per week
Intramurals	\$ 0.23 per week
Student Publication Fee	\$ 0.69 per week
Canadian Federation of Students	\$ 0.46 per week
Student Association Extended Health Plan	\$ 97.00 per year
Student Association Dental Plan	\$ 90.00 per year
Multi-Pass	\$ 40.00 per month

## CHARGES FOR FULL-TIME CONTINUOUS INTAKE PROGRAMS\*

Charge	Canadian Citizens or Permanent Residents	International
Tuition	\$ 107.60 per week	\$ 450.00 per week
Student fees for libraries, technologies and student life (LTSD) (7% of tuition)	\$ 7.53 per week	\$ 15.00 per week

## Kwantlen Student Association Fees

Operating Fund	\$ 2.90 per week
Bursary Fund	\$ 0.10 per week
Lobby Fund	\$ 0.27 per week
SUB Capital Fee	\$ 0.86 per week
START Volunteer Program	\$ 0.35 per week
Reboot Computer Service	\$ 0.27 per week
Peer Counseling	\$ 0.14 per week
Advocacy Service	\$ 0.09 per week
Clubs and Events	\$ 0.60 per week
Social Justice Fee	\$ 0.14 per week
Intramurals	\$ 0.23 per week
Student Publication Fee	\$ 0.69 per week
Canadian Federation of Students	\$ 0.46 per week
Student Association Extended Health Plan	\$ 97.00 per year
Student Association Dental Plan	\$ 90.00 per year
Multi-Pass	\$ 40.00 per month

\*Fees for part-time programs are pro-rated.

## CHARGES FOR ADULT BASIC EDUCATION PROGRAMS

Tuition is waived for Adult Basic Education courses. However, students are charged Student fees for libraries, technologies and student life and the Kwantlen Student Association fees at the credit or continuous intake rate as appropriate.

## CHARGES FOR OTHER PROGRAMS

Charge	Canadian Citizens or Permanent Residents	International
Co-operative Education Work Terms	\$ 555.97 per full-time* work term plus LTSD	\$ 1305.00 per full-time* work term plus LTSD
Prior Learning Assessment	\$ 123.55 per credit	\$ 450.00 per credit
Health Unit Coordinator	\$ 190.80 credit**	
Special Education Teachers Assistant	\$ 149.29 per credit**	
Access Programs for People with Disabilities	\$ 26.89 per week	
Career Choices and Life Success	Tuition waived**	

\* part-time work terms will be pro-rated

\*\*add libraries, technologies and student life fee (LTSD), and KSA fees

## ABOUT KWANTLEN STUDENT ASSOCIATION FEES

In addition to tuition fees, students are required to pay Student Association fees. These include:

- Advocacy Service
- Bursary Fund
- Clubs and Events
- Intramurals
- Lobby Fund
- Operating Fund
- Peer Counseling
- Reboot Computer Service
- Social Justice Fee
- START Volunteer Program
- Student Publication fee
- SUB Capital Fee
- Canadian Federation of Students
- Multi-Pass
- Student Association Dental Plan
- Student Association Extended Health Plan

All students, except senior citizens [age 65 and older], Summer Language Bursary recipients, those enrolled in Access Programs for People with Disabilities, students in a Co-operative Education work term and continuing studies students pay these fees. For a detailed explanation of these fees, see the Kwantlen Student Association web site.

## STUDENT ASSOCIATION EXTENDED HEALTH AND DENTAL PLANS

The Kwantlen Student Association has implemented, by means of student referendum, a mandatory health and dental plan providing

extended medical coverage and a student dental plan. Enrolment in these plans is a requirement of registration at the University for all students with a course load of 60% (9 credits) or more. The name, student number, address, gender and date of birth of students eligible for enrolment in the plan will be released to the insurer and the plan administrators.

There is a provision for opting out of either or both plans if a student is able to provide proof of comparable existing coverage. Specific instructions for opting out are available online.

All questions or concerns about plan coverage or opting out of the Student Health and Dental Plan should be directed to the Student Service Coordinator:

Cloverdale:	604.598.6053	Tel:	604.599.2431
Langley:	604.599.3398	Fax:	604.599.2432
Richmond:	604.599.2721	Website	<a href="http://www.mystudentplan.ca/kwantlen">www.mystudentplan.ca/kwantlen</a>
Surrey:	604.599.2126		

## STUDENT ASSOCIATION MULTI-PASS

The Kwantlen Student Association has implemented, by means of student referendum, a mandatory university bus pass (UPASS) plus additional services. Enrolment in these plans is a requirement of registration at the University for all students with a course load of 3 credits or more or who have tuition charges that exceed the Total Fair Value of a three-zone bus pass.

Multi-Pass charges are levied for each month in which the course(s) begin prior to the 15th of the month, and for each month in which the course(s) end on the 15th or later of the month.

Students who withdraw from all courses, will be refunded their Multi-Pass fees for the month(s) following their withdraw.

There is a provision for opting out of the Multi-Pass if a student is able to provide proof of one of the following scenarios:

- are not enrolled in any classes within Metro Vancouver
- who hold a valid U-Pass BC from another post-secondary institution within Metro Vancouver
- who hold a Transit Pass that is valid for the duration of the U-Pass BC Term
- who are permanently or temporarily disabled
- who can demonstrate a financial hardship (on income assistance with the Ministry of Social Development or sponsorship with dependent children)
- who can demonstrate a musical instrument hardship (required to carry large musical instruments)

All questions or concerns about the Multi-Pass or opting out should be directed to the Student Service Coordinator:

Cloverdale:	604.598.6053
Langley:	604.599.3398
Richmond:	604.599.2721
Surrey:	604.599.2126
Website	<a href="http://ksamultipass.ca/">http://ksamultipass.ca/</a>

# Paying Your Fees

## PAYMENT OF FEES

### Registration Deposit

Prior to registering, students must have a credit of \$250.00 on account. The registration deposit is used as partial payment for courses in which the student is registered. It is non-refundable. If a student does not register at all in the semester, Kwantlen will automatically transfer their deposit to the next term. A registration deposit can be transferred to the next semester a maximum of two times.

### Commitment Fees

Limited enrolment program students are required to remit a non-refundable and non-transferable Commitment Fee (from a minimum of \$250 to a maximum of 25% of the program fee) at the time the applicant is offered a seat or prior to the student beginning the registration process. If the student completes the registration process, this fee will be applied towards the full tuition fees. Payment of this fee constitutes the equivalent of payment of the first-term deposit.

Payment of the commitment fee signifies acceptance of the seat by the applicant. Should the applicant not complete the registration process by registering on or before a specified deadline, the commitment fee is forfeited and retained by the University and the seat will be offered to another applicant.

### International Student Commitment Fee

International students who are new to the institution must pay a non-refundable and non-transferable commitment fee of \$1000 CAD prior to admission. The commitment fee will apply towards the tuition assessed for the first semester of study.

The commitment fee, minus a \$300 CAD processing charge, will be refunded only if a student is denied a study permit by Citizenship and Immigration Canada (CIC). The original letter of refusal from CIC must be submitted prior to the first day of classes along with a written request for a refund.

Students who do not register for the semester specified will forfeit the entire commitment fee.

### Fee Payment Deadlines

Instructions for the payment of fees assessed during registration are included as part of the online Registration Guide and Timetable for each semester.

Fees must be paid by the first deadline as published in the Registration Guide and Timetable each semester. If a student does not make arrangements to pay their fees in full by the first payment deadline, their entire semester registration will be cancelled without notification. For any registration activity after the first payment deadline students will be required to pay their fees by the second payment deadline (after the end of late registration). If a student does not pay their fees by this second payment deadline their registration will not be cancelled. They will be billed for the outstanding fees and assessed a late penalty (currently 5% of the outstanding amount, with a \$10.00 minimum).

An additional penalty will be assessed on any outstanding balance four weeks after the first billing. Should the outstanding account balance not be paid at this time, the University reserves the right to forward the account to collections.

## FIXED TERM PROGRAMS

Students registering in a fixed term program will be notified by the Office of Admissions of the date by which fees must be paid. All fees must be paid prior to the start of classes.

## CONTINUOUS INTAKE PROGRAMS

Students registering in continuous intake programs are required to pay three (3) months tuition and other fees in advance, on or before the first teaching day of every third month.

Students who are granted Fee Deferrals must contact Student Enrolment Services by the due date to arrange for continuation of their registration. Students for whom paying their tuition and other fees three months in advance is a hardship will be permitted to pay on a monthly basis if recommended by the Registrar or designate or the Financial Awards Officer after completing an assessment of need.

Students who do not pay their fees by the close of business on the first day of classes for the month for which fees are due will be subject to a late payment fee. A student who fails to pay the fees owing by the close of business on the third day of classes for the month for which fees are due will have her or his registration cancelled and the seat may be offered to an applicant on the waitlist.

The student may appeal for reinstatement through the normal Kwantlen appeal process. If reinstatement is approved, the student will be required to pay a reinstatement fee in addition to the late payment fee. Reinstatement will be subject to the availability of a seat in the program.

## HOW TO PAY

Payment for domestic registration fees and tuition may be made by online banking, cash, cheque, debit card, *Interac Online*, bank transfer or money order. In addition, payment may be made by Passport to Education, scholarship, bursary, student loan or by a sponsoring agency. In-person third party payments are only permissible if accompanied by a written authorization bearing the student's signature, and the name of the third party. Credit cards are no longer accepted for domestic students paying tuition and registration fees.

International registration fees and tuition, registration deposits, commitment fees, and Other Fees may be paid by credit card (Visa, MasterCard and American Express) as well as all the options listed above.

## Passport to Education

Students using a Passport to Education as payment, will need to provide their Social Insurance Number for any amounts over \$500.00. Passport amounts in excess of the account balance will be refunded by cheque via postal mail about four weeks after registration ends.

## Scholarships, Bursaries and Loans

Scholarships, Bursaries and Loans students relying on the proceeds from a scholarship, bursary or student loan to pay their tuition and other fees should refer to the Registration Guide and Timetable for each semester, or contact Financial Awards regarding the deadline for a fee payment override.

## Sponsored Students

Students whose fees are being paid by a sponsoring agency must ensure that a Letter of Authorization is received by Financial Services before your registration date. If you are relying on a sponsorship to cover the Registration Deposit,

you must provide the Letter of Authorization before you can register. Letter of Authorization may be faxed to the attention of **Accounts Receivable at 604.599.2338**. Any question concerning sponsorship should be directed to **Accounts Receivable at 604.599.2242 or 604.599.2057**.

## FINES, BALANCES, REFUNDS AND ADJUSTMENTS

### Returned Cheques

If a cheque is issued in payment for fees and is returned for any reason prior to the first payment deadline, students will have their registration cancelled. If a cheque is issued in payment for fees and is returned for any reason after the start of classes, students will not be removed from their program and/or courses. Instead, they will be billed for the amount owing and NSF fees and payment penalties will be applied.

### Account Balances

It is the student's responsibility to ensure that any outstanding charges from previous registrations or other transactions with Kwantlen have been cleared. Kwantlen reserves the right to initiate action regarding any monies owed by the student in order to ensure that collection matters are brought to a timely and satisfactory conclusion.

### Refunds and Fee Adjustments

Refunds or adjustments are provided under the conditions stated in Policy **C.39**. Specific instructions regarding the refund or adjustment of fees are provided in the Registration Guide and Timetable for each semester. Refund cheques will normally be mailed within six weeks after eligibility has been determined. The minimum amount refunded will be \$5.00.

Policy **C.39** can be viewed at the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies) for further details.

### OPEN ADMISSION AND SELECTIVE ENTRY

In general, students are entitled to a full refund, or a full reduction in outstanding fees, less the amount of the Registration Deposit, when courses are dropped by a specified deadline prior to the start of classes. This deadline is published in the online Registration Guide and Timetable.

Students who withdraw by the published deadline during late registration and thereby reduce their course load, will be granted a partial refund, or partial reduction in assessed fees (currently 70% of tuition fees). If the withdrawal is from all courses for the semester, the minimum charge assessed is the amount of the Registration Deposit.

If the adjusted fees exceed the amount already paid on the account, the student will be required to pay the difference by the Fee Payment Deadline. Late payments are subject to a penalty.

A student who withdraws from courses after the deadline specified for refunds/fee adjustments is not entitled to a refund if the course load is decreased.

### FIXED TERM PROGRAMS

Certain programs may establish individual refund schedules. These programs will provide information to students on the refund/fee adjustment deadlines prior to or upon registration.

In general, students who withdraw prior to the start of classes/program will receive a full refund or fee reduction, less the commitment fee. Students who withdraw by the end of the first week of classes/program will be entitled to a partial refund or

fee reduction (currently 70% of tuition fees). The minimum fee assessed is the amount of the commitment fee or the 30% of the tuition fees, whichever is greater. A student who withdraws from a program or course after the first week of classes is not entitled to a refund.

### CONTINUOUS INTAKE PROGRAMS

Students registered in continuous-intake programs are entitled to a refund or fee reduction of tuition and Student Association fees for each full week paid for but not utilized. Refunds will not be granted for partial weeks.

### GUIDED STUDY

Because of the particular fee payment arrangements for instructor services, a student signing a guided study contract will not be eligible for any refund after the course has begun.

## Other Fees

Fees are subject to change without notice. These fees are in effect from 01 July 2011 to 30 June 2012.

### PRE-ADMISSION FEES

Fee	Description	Amount	Conditions
Document Evaluation	Canadian - inside BC	No charge	
Canadian - outside BC	\$ 25.00	Non-refundable	
International	\$ 50.00	Non-refundable	
English Placement Tests		\$ 35.00	See individual programs for details

### ADMISSION FEES

Fee	Description	Amount	Conditions
Application Fee	Canadian and Permanent Residents	\$ 40.00	Seniors discount. Non-refundable.
International	\$ 120.00	Non-refundable	
Re-application Fee	Canadian and Permanent Residents	\$ 20.00	Non-refundable
International	\$ 120.00	Non-refundable	
Reinstatement Fee		\$ 40.00	Non-refundable

### PAYMENT FEES

Fee	Description	Amount	Conditions
Late Payment Fee	5% of account balance (min. \$ 10.00) assessed monthly.	Varies	Assessed for a fee payment which is made after the payment deadline.

Returned Cheque Fee	\$ 30.00	Non-refundable	
Duplicate T2202A Tax Form Fee	No charge if accessed online	T2202A Tax Forms can be viewed online and a duplicate copy printed from Kwantlen's Online Self-Service system.	

### PROGRAM COMPLETION FEES

Fee	Description	Amount	Conditions
Graduation Credential		No charge	
Replacement Graduation Credential		\$ 25.00	
Convocation Ceremony		No charge	
Transcript Fee	Both official and student copies	\$ 5.25 electronic \$ 7.35 paper \$ 26.25 rush (GST included)	Transcripts will only be released upon presentation of photo identification. They will be released to a third party only if a signed letter of permission is provided. Non-refundable. Rush pick available: Surrey Campus within 24 hours; Richmond, Langley and Cloverdale within 48 hours. Monday to Friday only.

### EXAM AND GRADE FEES

Fee	Description	Amount	Conditions
External Invigilation Charge		\$ 25.00	Per exam. Non-refundable.
Grade Appeal Fee		\$ 25.00	Refundable if appeal granted.
Replacement Credential		\$ 25.00	Non-refundable.
Supplemental Examination		\$ 15.00	Per exam. Non-refundable.

### MISCELLANEOUS FEES

Fee	Description	Amount	Conditions
Student ID/Library Card Replacement		\$ 5.00	Non-refundable.

Book Deposit/ Equipment Fee/ Material Fee	Variable	Paid at the time of registration.
Upgrading, Training and Professional	Determined by faculty Variable	See individual programs for information

## TESTING & ASSESSMENT FEES

Accuplacer ELST	\$35.00
ACP English Assessment	No fee
ACP Math Assessment	No fee
Health Unit/HSRCA	\$25.00
English Placement Test (EPT)	\$35.00
Invigilations (3 hours)	\$30.00 for 3 hours / a \$10.00 surcharge will apply for each additional hour or portion thereof.
KIST	\$35.00
Math Placement Test (MPT)	\$25.00
RESP test	\$30.00
RESP (Product Knowledge) Rewrite only	\$10.00
Typing Test	\$25.00
Vocational (trades)	\$25.00

The Language Proficiency Index (LPI) is administered on behalf of the University of British Columbia. Students wishing to write the LPI must register and pay through UBC at [www.lpi.ubc.ca](http://www.lpi.ubc.ca)

# Student Affairs

## Student Affairs

In this section, you will find:

- About Student Affairs
- Student Life and Community
- Kwantlen Student Association
- First Nation Students
- Student Responsibilities
- Athletics and Recreation
- Student Leadership and Development
- Educational Advising
- Counseling
- Career and Educational Resource Centres
- Services for Students with Disabilities
- Career Services
- Learning Centres
- Alumni
- Kwantlen Polytechnic University Foundation
- Co-operative Education

## Student Life and Community

The Centre for Student Life and Community is committed to creating and growing student life, development and engagement on all of our campuses through a number of services and programs we offer. Please visit our website for ongoing updates about events, services and programs at [kwantlen.ca/slc](http://kwantlen.ca/slc).

## Kwantlen Student Association

The Kwantlen Student Association (KSA) represents all students enrolled at Kwantlen.

The mission statement of the KSA is "...to support its members during their time of study by ensuring adequate provision for their welfare, activities, political, and social needs. Through its democratic procedures, the KSA represents and reflects the concerns and priorities of its membership to the University and beyond, and strives to uphold the rights of each of its members."

The KSA offers all Kwantlen students support in three main areas:

1. Services;
2. Events & Student Life; and
3. Advocacy & Student Support

## SERVICES

### Member Services

The KSA's Member Services have an office on each campus and offers many free, commercial and discounted services to save students money.

Member Services sells the following:

- Long Distance Cards

- Prepaid Cell Phone Cards
- Movie Tickets
- Playland & PNE Passes
- Whistler Blackcomb Lift Ticket's
- Photocopying
- Binding & Laminating
- Low-Cost Colour Printing (in Surrey only)
- Long Distance Faxing

Member Services offers at no cost:

- Local Faxing
- Jumper Cable Loans
- OnCampus Locker Rentals
- On Campus Student Posting Boards
- Condoms
- Promotional products
- Agenda Student Planners
- International Student Identification Cards for Travel (<http://www.istc.org/>)

### Student Association MultiPass

The Kwantlen Student Association has implemented, by means of student referendum, a mandatory university bus pass (UPASS BC) plus additional services. Enrolment in these plans is a requirement of registration at the University for all students with a course load of 3 credits or more or who have tuition charges that exceed the Total Fair Value of a three-zone bus pass.

MultiPass charges are levied for each month in which the course(s) begin prior to the 15th of the month, and for each month in which the course(s) end on the 15th or later of the month.

Students who withdraw from all courses, will be refunded their MultiPass fees for the month(s) following their withdraw.

There is a provision for opting out of the MultiPass if a student is able to provide proof of one of the following scenarios:

- are not enrolled in any classes within Metro Vancouver
- who hold a valid U-Pass BC from another post-secondary institution within Metro Vancouver
- who hold a Transit Pass that is valid for the duration of the U-Pass BC Term
- who are permanently or temporarily disabled
- who can demonstrate a financial hardship (on income assistance with the Ministry of Social Development or sponsorship with dependent children)
- who can demonstrate a musical instrument hardship (required to carry large musical instruments)

All questions or concerns about the MultiPass or opting out should be directed to the Kwantlen Student Association.:

#### Cloverdale:

604.598.6053

#### Langley:

604.599.3398

#### Richmond:

604.599.2721

#### Surrey:

604.599.2126



## Website

ksamultipass.ca

## Other Services

### BCBOOKWORM.COM

Buy & Sell your used textbooks on BCBookWorm.com (Free service)

### GRASSROOTS CAFÉ-LOUNGE

The GrassRoots in the Surrey Cedar Building is Kwantlen's only licensed restaurant and has the best food on campus. The GrassRoots serves organic fair-trade coffee and tasty healthy meals. There is an 8ft TV screen and computers for your enjoyment.

### BLOSSOMING LOTUS STUDIO

The Blossoming Lotus Studio is the fitness studio on the Richmond campus. It offers regular yoga, martial arts, pilates and dance classes for students, staff and community members. Learn more at [www.blossominglotusstudio.com](http://www.blossominglotusstudio.com)

### REBOOT COMPUTER REPAIR

Reboot is a free computer repair service offered on the Surrey campus. It is free for any Kwantlen student and \$75 per hour for non-students. Visit [www.kusa.ca/reboot](http://www.kusa.ca/reboot) or call 604-599-2348 for details.

### START Volunteer Program

The START program allows students to get valuable job skills while making new friends and helping make Kwantlen a better place. Please visit [www.kusa.ca/START](http://www.kusa.ca/START) or call 604-599-2348 for details.

### EXTENDED HEALTH & DENTAL

Through Gallivan & Associates, the KSA offers Kwantlen students a comprehensive health & dental plan. More information on this plan can be found at <http://www.gallivan.ca/studentnetworks/>

### LOUNGES

The KSA also maintains lounges on every campus with comfortable seating. All KSA Lounges feature widescreen-TVs, wireless Internet access and some also have gaming tables, such as football, pool and ping-pong.

### EVENTS & STUDENT LIFE

The KSA sponsors many on campus events throughout the year, including:

#### Welcome Week

At the start of every fall and winter semester the KSA hosts Welcome Week, featuring free food, games, prizes and information tables from Kwantlen and the community.

#### Cram Jam

Cram Jam is the KSA's huge concert festival held every September. In past years Cram Jam has featured Danny Fernandes, Sloan, Daniel Wesley, Ten Second Epic, illScarlett and many more. Visit [www.CramJam.ca](http://www.CramJam.ca) for details on Cram Jam 2010.

#### Dessi Fusion

Early every Spring the KSA and the LIFE club organize the Dessi Fusion fundraiser dance for children's charities.

#### Health Fair Featuring SEXPO

Every year the KSA holds an annual health fair on the topic of nutrition, fitness and sexual health.

## Other Events

- Candidate debates during municipal, provincial and federal elections
- Diversity and cultural events
- Guest speakers, forums, lectures and readings
- Movie screenings, X-Box, Nintendo and Karaoke events
- Pub nights and Club events for Kwantlen students

If you would like to organize an event on campus please contact [events@kusa.ca](mailto:events@kusa.ca) to learn more about the KSA's support for student events.

## CAMPUS CLUBS

The KSA supports a number of campus clubs. To learn how to join or start a club, please visit [www.kusa.ca/clubs](http://www.kusa.ca/clubs) or email [clubs@kusa.ca](mailto:clubs@kusa.ca)

## ADVOCACY

The KSA lobbies Kwantlen and all levels of government on behalf of all Kwantlen students. The KSA also offers advocacy for individuals in need of help.

## LOBBYING

The KSA lobbies on lower tuition, increased public funding for post-secondary education, transit improvement and its policies found at [www.kusa.ca/policies](http://www.kusa.ca/policies).

## INDIVIDUAL ADVOCACY

If you feel you've received a grade that you do not deserve, the KSA can help you appeal the grade. Email [academics@kusa.ca](mailto:academics@kusa.ca) for details.

## LIAISONS

KSA supports students who have traditionally faced barriers in accessing post-secondary education, providing liaisons who assist students in their particular student group:

- Aboriginal & First Nation Students
- International Students
- Queer Students
- Mature Students
- Students with Disabilities
- Students of Colour
- Women

## Contact Information

### Langley KSA:

604.599.3289

### Richmond KSA:

604.599.2721

### Surrey KSA (Main Office):

604.599.2126

### START volunteer and Reboot Computer Repair:

604.599.2348

### Website:

[www.kusa.ca](http://www.kusa.ca)

For more information on how you can get involved by volunteering with the KSA visit the KSA website: [www.kusa.ca](http://www.kusa.ca)

The site features complete contact information for KSA officials as well as interactive forums, news, events, and office hour listings.

# First Nation Students

The office of the Coordinator, First Nations Education provides access to services including:

- Information on scholarships, awards, First Nations Band and Metis funding
- Information on Kwantlen programs
- Tutoring services
- Employment opportunities
- Connections and referrals to Aboriginal organizations, recreational and cultural activities and events
- Referrals to other Kwantlen services

## WHERE TO FIND US

The office of the Coordinator, First Nations Education is located in the Aboriginal Gathering Place in the Surrey Main Building on the Surrey Campus.

## CONTACT INFORMATION

### Coordinator, First Nations Education:

Darlene Willier  
604.599.2474  
darlene.willier@kwantlen.ca  
kwantlen.ca/aboriginal

## Student Responsibilities

Kwantlen Polytechnic University is a learning community committed to providing a safe and civil environment which is respectful of the rights, responsibilities, well-being and dignity of all its members. As a member of the Kwantlen community students can expect to be a part of a respectful, engaging, collaborative, creative and innovative environment. Kwantlen's culture is based on critical inquiry, collegial debate, knowledge generation, freedom of expression, diversity and environmental stewardship and sustainability.

## RIGHTS AND RESPONSIBILITIES

Kwantlen has established policies and procedures to ensure that all members of the University community may benefit from the promotion of its core values. The University upholds and will take reasonable steps to ensure that students, as members of the University community, are aware of their rights and responsibilities, as follows:

### Student Rights

1. Every student has a right to pursue their education in an environment that is safe, secure and conducive to learning. Students have a right not to be subjected to harassment, sexual harassment, bullying or discrimination, indignity, injury or violence.
2. Students have the right to free inquiry, expression, belief, political association and assembly, provided they do not interfere with the rights of others, with the effective operation of the University or violate other University policies and procedures.
3. Every student has a right to due process and procedural fairness in any investigation of allegedly improper student conduct or alleged violations of Policy.

4. Every student has a right to a protection of privacy consistent with University Policy and existing privacy legislation.
5. Students have the right to be informed of the content and requirements of their courses and programs.
6. Students have the right to reasonable and legitimate access to the University's buildings and facilities.
7. Students have the right to reasonable access to statements of policies, procedures and guidelines of the University and student organizations.
8. Students have the right to form clubs and committees through the Student Association and to associate with other organizations to promote common interests.
9. Students have a right to a responsible student press independent of university structure.

## Student Responsibilities

Along with rights come certain responsibilities. Academic and nonacademic integrity are inherent in student responsibilities.

1. Students at Kwantlen are expected to act consistently with the values of the University community (<http://www.kwantlen.ca/mission/mission-mandate.html>) and to obey local, provincial and federal laws.
2. Every student is responsible for abiding by all Kwantlen policies. Kwantlen policies can be found at <http://www.kwantlen.ca/policies>.
3. Students are responsible for exercising their freedoms with honesty, integrity, and respect for the principles of justice, equality and human rights.
4. Every student is responsible for contributing to making Kwantlen community safe, respectful and inclusive. Students must refrain from conduct that threatens or endangers the health, safety, well-being or dignity of any person.
5. Students are expected to be individually responsible for their actions whether acting individually or in a group. Students are considered by the University to have an obligation to make legal and responsible decisions concerning their conduct and to model and convey the University's expectations of conduct to their guests.
6. Every student is responsible to resolve academic and personal problems by communicating with the appropriate University personnel.
7. Every student is responsible to keep the University informed of their current mailing address and any change of name.
8. Every student is responsible to observe and obey all health and safety procedures outlined for classrooms, laboratories, field trips and practicums.
9. Students are responsible to become familiar with course outlines, content, evaluation methods, timelines and methodology.
10. Students are responsible for reading their e-mail as directed to their University-assigned e-mail account and for responsible use of technology. Students are reminded that images, postings, dialogues, and information about themselves or others posted on the internet (e.g. on social networking sites such as MySpace and Facebook) are public information. While University officials do not actively monitor these sites, content that is brought to the attention of the University which describes or documents behaviour that reasonably suggests breach of University policy (i.e. Conduct, Human Rights, Information and Educational Technology Usage, Violence in the Workplace ) is subject to further investigation. The University reserves the right to

appropriately respond to these incidents, which may include disciplinary action.

The Office of Student Risk and Judicial Affairs can assist students with issues arising out of Student's Rights and Responsibilities.

The Office of Student Risk and Judicial Affairs can be reached at (604) 598-6017.

Each student attending Kwantlen must accept her or his responsibilities as an adult and adhere to Kwantlen policies, procedures and deadlines as published. This information is available in the online Calendar and in other Kwantlen publications. Questions regarding these matters may be directed to Counselling, Educational Advising, or Office of the Registrar.

## ATTENDANCE AND PERFORMANCE

It is each student's responsibility to attend classes regularly, to keep work up to date and to complete assignments as required. Final grades are based largely on completed assignments, tests and class participation.

Certain courses/programs are structured to simulate a workplace or job environment. Others require that students work extensively in groups to meet the course objectives. Students are expected to attend classes regularly, to be punctual, and to demonstrate a satisfactory level of performance and rate of progress within the timelines set for the various course activities. Failure to meet these expectations may result in failure in the course.

While Kwantlen has deliberately avoided imposing attendance and progress requirements to encourage students to accept personal responsibility, the nature of some courses or programs and the structure of the curriculum in these programs are such that a policy is required. Kwantlen's policies B.2 and B.7 ([www.kwantlen.ca/policies](http://www.kwantlen.ca/policies)) address issues specific to Individualized, Continuous-Intake, Semester and other fixed term programs. The primary responsibility for enforcement of these policies rests with the instructor.

The following specific areas of concern are addressed by these policies:

- Students with irregular attendance
- Students who habitually arrive late and/or leave early, or who take prolonged rest breaks
- Students who may have satisfactory attendance but who do not demonstrate reasonable progress through the course or program
- Students who consistently fail to meet their obligations as team members in courses where this is a significant requirement

Any student under the sponsorship of the Human Resources Development Canada (HRDC) must meet the requirements of that agency. Kwantlen assumes responsibility for complying with the reporting procedure required by HRDC.

Courses where these policies apply will be so identified by the appropriate curriculum committee. Once approved, a statement to the effect that this policy applies will be included in the evaluation section of the course outline and in the course presentation forms.

Courses where these policies apply will be so identified by the appropriate curriculum committee. Once approved, a statement to the effect that this policy applies will be included in the evaluation section of the course outline and in the course presentation forms.

## ACADEMIC HONESTY AND PLAGIARISM

Plagiarism is broadly defined as presenting someone else's ideas or work without acknowledging the source. Plagiarism in academia is considered academic dishonesty. Cheating refers to plagiarizing the work of another student, with or without permission, or to obtaining answers to tests, for example, from sources not permitted at the time. Plagiarism and cheating is a serious educational offense. Kwantlen condemns all forms of cheating, students will be held accountable for cheating in the following manner:

For most first offences, a grade of zero will be awarded for the affected assignment, test, paper, analysis, etc.

For most second offences, a failing grade will be assigned in the affected course.

Depending upon the circumstances surrounding the first or second offence, a more severe level of discipline may be imposed by Kwantlen.

Any student who contributes to an act of academic dishonesty by another student may also face disciplinary action.

Kwantlen's policy on Plagiarism and Cheating (C.8) further defines and outlines the process of academic dishonesty.

Examples of cheating and plagiarism are available online here: [kwantlen.ca/\\_\\_shared/assets/Honesty1432.pdf](http://kwantlen.ca/__shared/assets/Honesty1432.pdf)

## STUDENT CONDUCT

Students must maintain an appropriate standard of conduct. They must obey the law and Kwantlen regulations, demonstrate respect for all persons on the campus, and display mature conduct. They are held responsible for their individual or collective actions.

Kwantlen must maintain an environment conducive to learning. At times, it may require students to leave the educational setting, so as to preserve the environment or to ensure that all Kwantlen constituents have access to a safe working and learning environment. Kwantlen has developed a policy C.21, Student Conduct and procedures that take into account the interests of all persons involved.

The Student Conduct policy addresses Kwantlen's major concerns about misconduct, disruptive behaviour and safety within the Kwantlen community. Faculty and staff are responsible for dealing with minor misconduct. The Office of Judicial Affairs has the authority to respond to more serious situations. The Office of Judicial Affairs can assist with matters pertaining to student conduct. They can be reached at 604 598-6014.

## COMPLAINTS

See policy C.6 that can be viewed at the Library or online at [kwantlen.ca/policies](http://kwantlen.ca/policies) for further details.

Kwantlen has a tradition of service to students. However, problems may sometimes occur in a community as diverse as Kwantlen. Kwantlen recognizes that students may wish to complain about instructors or other employees, services or other students or policies. Kwantlen C.6 policy outlines the procedures that have been established to deal with these matters. These procedures have been developed to protect the rights of all concerned. There are services at Kwantlen that students may be referred to for general assistance and advice on how to proceed with a complaint. This assistance can include guidance

on whether the matter is serious enough to complain about or on the complaint process itself. These services include:

#### **Counseling Services:**

This service can provide assistance to students regarding the complaint process.

#### **Student Association:**

The Association maintains a student advocate to assist students.

## **Athletics and Recreation**

The Department of Athletics and Recreation is committed to providing a diverse range of campus life opportunities for students, staff and the local community. Whether you're a competitive athlete on an Eagles roster, or a die-hard sports fan, the Eagles athletics program is a great way to get involved on campus. Our Recreational programs and activities promote life-long health and wellness, and are designed for you to get in shape, relax, meet people and most of all, have fun.

### **ATHLETICS**

Kwantlen Polytechnic University is committed to being a leader in intercollegiate athletics. As a proud member of the Pacific Western Athletic Association or the PAC WEST (formerly known as the BC Colleges' Athletic Association or BCCAA) and the Canadian Colleges Athletic Association (CCAA), KPU is committed to excellence in our athletic teams. The Women's Soccer Team is two-time Provincial Champions, and the National bronze medalists in 2009. In 2011, KPU achieved its first National Championship with a Gold Medal performance in Badminton's Mixed Doubles.

Our intercollegiate teams, the Kwantlen Eagles, include men's and women's teams in basketball, soccer, golf, and mixed badminton. All home games are free for KPU students to attend. For more information on athletics please contact the **Department of Athletics and Recreation at 604.599.2980 or online at [kwantlen.ca/eagles](http://kwantlen.ca/eagles)**.

### **RECREATION**

Kwantlen Recreation strives to provide students, staff and faculty members an opportunity to participate in a broad range of sports, fitness and recreation programs for people of all ability levels. Our programs are designed to promote physical activity, enhance productivity, build self-esteem, reduce stress levels and improve the health and wellbeing of the campus community. There are a variety of co-ed activities available including basketball, badminton, dodge ball, indoor soccer, volleyball and table tennis. We also offer large scale campus events like Campus Race and Active KPU as well as a variety of non-credit instructional classes such as yoga and kick boxing for everyone to enjoy.

For more information on recreational opportunities, please visit the Recreation website at [kwantlen.ca/recreation](http://kwantlen.ca/recreation).

### **SURREY CAMPUS FACILITIES**

- Full-sized and well-equipped gymnasium with glass basketball backboards
- Full-sized basketball court and two practice courts
- Full-sized volleyball court and two practice courts
- Four badminton courts
- Fitness centre with leading edge equipment

- Changerooms and day-use lockers

Off campus state of the art stadium soccer field at Newton Athletic Park

For a detailed gym and fitness centre schedule and prices please visit our website at [www.kwantlen.ca/eagles](http://www.kwantlen.ca/eagles).

## **Student Leadership and Development**

The Department for Student Leadership and Development's (SLD) mission is to support student transition, success, community, and leadership development. SLD coordinates orientation programs and transition resources for new students, hosts an annual Leadership Conference, and promotes campus involvement. We partner with others to celebrate a positive, service-oriented, community-minded culture at Kwantlen. Our initiatives involve students, faculty and staff across academic disciplines as well as student services. Some of these initiatives include:

- New Student Orientation (August, January and May)
- Parent Orientation Evenings (August)
- Leadership recognition awards (May)
- Student Life website and a Kwantlen Student Handbook
- Volunteer and Leadership Programs
- Annual Kwantlen Student Leadership Conference
- Monthly Student Leadership Dialogues

### **EVENTS**

#### **New Student Orientation**

**August, January & May** (hosted by Student Leadership and Development)

Orientation, official welcome, student-led activities and tours, insider tips, and more! Sessions with faculty, entertainment, lunch, and prizes.

A great opportunity right before classes begin to get to know your campus, meet other new students, meet instructors, find out about important student services, get your library card, buy your books and a lot more!

More information at [kwantlen.ca/orientation](http://kwantlen.ca/orientation).

#### **Parent Orientation Evenings**

##### **August**

This session provides parents of new students with information about what to expect during the transition, what services are available to students, and some key policies regarding safety and privacy at Kwantlen.

#### **Kwantlen Student Leadership Conference**

##### **Annual**

"Stand out from the crowd" was the theme of the November 2008 inaugural conference, a day which inspired and provided training to current and future student leaders. Our second annual conference in January 2010, themed "Unleash Your Potential" gave further opportunities for students to develop leadership skills and network with like-minded students. Watch for the next conference, scheduled for January 2011. More conference information at [kwantlen.ca/leadership](http://kwantlen.ca/leadership).

## SERVICES

### Student Life Website

Education is more than just the classroom—and so is Kwantlen student life! In fact, you are more likely to succeed in your educational goals if you involve yourself in more than classes. Get involved—Participate in activities or join a club. Meet other students and faculty with similar interests. [www.kwantlen.ca/student-life](http://www.kwantlen.ca/student-life).

### Clubs & Societies

For a full listing of clubs and societies, see the Kwantlen Student Association's website at [kusa.ca](http://kusa.ca)

Student life and development offers some sponsorship for co-curricular events. Please contact [sld@kwantlen.ca](mailto:sld@kwantlen.ca) with proposals.

### Volunteer & Leadership Opportunities and Programs

Orientation Student Leadership Team Student Leadership Conference Planning Committee Student Leadership Conference Team Global Villagers Team Monthly Student Leadership Dialogues Other ongoing event support roles

## CONTACT US

For a complete listing of the Department for Student Life and Development's services and events, as well as information on surviving and thriving in your first year of post-secondary education, please see our website at [www.kwantlen.ca/sld](http://www.kwantlen.ca/sld)

#### SLD Office:

Surrey Campus, Surrey Main C 137

#### Email:

[sld@kwantlen.ca](mailto:sld@kwantlen.ca)

## Educational Advising

Educational Advisors are available to explore educational options with you and help to develop an educational plan. Advisors can assist with:

- Program planning
- Course selection
- Repeat Course Requests
- Prerequisites and upgrading information
- Program and graduation requirements
- Transfer to Kwantlen
- Transfer to other institutions
- Understanding Kwantlen academic regulations and policies
- Educational planning for career goals
- Planning for graduate and professional school

Educational Advisors are available to assist students via email and in person through appointments, drop-ins and workshops. For more information, please visit our website at [kwantlen.ca/advising](http://kwantlen.ca/advising).

To make an appointment, please visit Student Enrolment Services on any campus; or call us at 604.599.2000.

## Counseling

Kwantlen's professional counsellors assist registered students in three major areas: career, personal and academic. With a few, very rare exceptions, all information discussed with a Kwantlen counsellor is considered private and is held in strict confidence.

For more information on our services, please visit our website at [www.kwantlen.ca/counselling](http://www.kwantlen.ca/counselling)

### CAREER COUNSELING

Counsellors help students clarify their career and/or educational goals, either through Career Cycles and Career Exploration programs, career coaching or individual appointments. In addition, counsellors assist students in addressing career management and employability issues.

### PERSONAL COUNSELING

Counsellors help students with a wide range of personal issues that affect their academic performance and/or general wellbeing. Examples of common concerns:

Adjustment to post-secondary studies  
Anxiety, depression and stress  
Relationship and family problems  
Perfectionism and procrastination  
Eating disorders  
Drug and alcohol use  
Assault or abuse  
Sexual identity  
Grief  
Trauma

In addition, counsellors assist students in crisis and make referrals for specialized help.

### ACADEMIC COUNSELING

Counsellors help students to develop the skills necessary for academic success through seminars, provided in partnership with Kwantlen's Learning Centres, and through individual appointments. Examples of study skills topics include stress management, procrastination, memory, anxiety and depression, dealing with exam anxiety, and conflict management. In addition, counsellors assist students with the appeal and complaint processes.

### APPOINTMENTS

To make an appointment with a counsellor, please contact the Counselling Assistance at the phone number indicated below:

#### Cloverdale

604-598-6044

Room 1120

#### Langley

604-599-3213

Room 1077

#### Richmond

604-599-2600

Room 1640

#### Surrey

604-599-2044

Room C160

For more information on Counselling Services, please visit our website at [kwantlen.ca/counselling](http://kwantlen.ca/counselling).

# Co-operative Education

Co-operative Education (Co-op) formally integrates academic studies with paid, full-time work experiences at host employer organizations. The name reflects the co-operative relationship between the employer, the student, and Kwantlen.

Students enrolling in Co-op programs benefit in many ways. They gain practical work experience while earning a competitive wage to help finance their education. They explore their career choice, develop goals and learn job search and career success skills. They also learn to apply their skills and knowledge in the world of work. Co-op programs provide the opportunity for students to acquire extensive career-related work experience with their diploma or degree.

The Co-op Education department is responsible for coordinating co-op work experiences. Co-op Instructors work with employers to develop experiences that integrate the skills and knowledge acquired by students in their on-campus courses. Faculty from the department also instruct the work term courses and perform site visits to evaluate the work experiences with both student and employer.

The Co-op department provides a series of three mandatory employment skills and communications courses for students enrolled in Co-op Diploma programs. Third year entry degree students must complete one mandatory course, COOP 1101. All students wishing to choose the Co-op option participate in Co-op must first enroll in COOP 1101.

Students completing all the requirements of a Co-operative Education program will receive a Co-operative Education designation on their credential and transcript.

Kwantlen currently offers Co-op Education options within the programs listed below:

- Bachelor of Business Administration in Accounting
- Bachelor of Business Administration in Entrepreneurial Leadership
- Bachelor of Business Administration in Human Resources Management
- Bachelor of Business Administration in Marketing Management
- Bachelor of Technology in Information Technology
- Computer Information Systems Diploma
- Environmental Protection Technology Diploma
- Marketing Management Diploma

For more information about these Co-op programs, refer to the specific program section of the calendar.

For information about Co-op courses, see the Course Descriptions.

Students in Co-op programs are required to pay designated co-operative education tuition fees. See Tuition & Fees for more information.

## TRANSFERABILITY OF WORK TERMS

Work terms successfully completed (i.e., noted on transcript) in any approved BC post-secondary Co-op program shall be considered for transfer by the accepting institution using the regular transfer credit process.

The acceptance of a student for transfer into another institution having a Co-op program does not guarantee acceptance into the Co-op program at that institution. An institution may still require that the transfer student complete additional work terms as part of his/her new program of study.

## FOR MORE INFORMATION

Co-operative Education

**Tel:**

604.599.2465

**E-mail:**

co-op@kwantlen.ca

**Website:**

kwantlen.ca/coop

## Career and Educational Resource Centres

The Career and Educational Resource Centre on each campus provides registered and prospective students with a wide range of information:

- Occupational and educational information, including labour market forecasts;
- Study skills information, including brief handouts and videotapes;
- Information on personal and self-help topics, including pamphlets and books;
- Referral information on community services and agencies; and
- Computers with internet access for career or education related research.

To access the Career and Educational Resource Centres, simply drop by the rooms listed below. For hours of operation, please contact the Counseling Assistant at the phone number indicated below.

Career and Educational Resource Centres

**Cloverdale:**

604.598.6044

Room 1120

**Langley:**

604.599.3213

Room 1077

**Richmond:**

604.599.2600

Room 1640

**Surrey:**

604.599.2044

Room C160

## Services for Students with Disabilities

Students with disabilities who require classroom accommodations or other support services are requested to contact a Disability Advisor to discuss information on accessing programs and courses. Support may include, interpreting, note taking, alternate

format text, exam support, adaptive equipment, Learning Specialists for students with LD, and LD screening and strategies.

Students with mental health disorders are encouraged to seek assistance such as: room to take medications, beverages in class, contact person when managing difficult symptoms of illness, part-time status, program extensions, leaves from courses during episodic illness and other support.

For more information contact Services for Students with Disabilities Office:

**Cloverdale:**

604.598.6044

**Langley:**

604.599.3213

**Richmond:**

604.599.2600

**Surrey:**

604.599.2044

**Website:**

[kwantlen.ca/ssd](http://kwantlen.ca/ssd)

## Career Services

**Looking for Work?** Part-time or full-time; business, arts, or trades; you name it, we've got it! Whether you're looking for a part-time job to help make ends meet during your studies, or you're looking for a career position now that you've completed your education, Career Services is here to help you. Check out [kwantlen.ca/careers](http://kwantlen.ca/careers) and be sure to register at [kwantlen.ca/careers/Job\\_Postings](http://kwantlen.ca/careers/Job_Postings) to view all the jobs we post for you. Employers can then review your resumé for the opportunities you apply to.

Career Services provides:

- Access to job postings targeted exclusively to Kwantlen students
- Workshops on resumé/cover letters/interviews
- Individual assistance with finding work
- Career Days (<http://www.kwantlen.ca/careerday/>)
- On campus recruiting
- Free resource material

To learn more, visit us at [kwantlen.ca/careers](http://kwantlen.ca/careers) or call Career Services at 604.599.3401.

## Learning Centres

The four Kwantlen Learning Centres are facilities where any Kwantlen student can find learning assistance, one-to-one and small group tutoring, writing assistance, supplemental instruction sessions, and help with study skills and learning strategies.

Access is also available to print and electronic resources to help students complete their assignments. Available services and resources include:

- One-to-one or small group tutoring in Math, Sciences, English, ESL, study skills, learning strategies, Accounting, Economics, Modern Languages, and many other program areas
- Forming study groups
- Program-related reference materials

- Study skills workshops and learning strategies materials
- Multi-station, multi-media computer labs for preparing assignments
- Media viewing stations
- Math review materials
- Test preparation materials
- ESL study and review materials

To book an appointment contact the Learning Centres:

**Langley:**

604.599.3444

[tlclangley@kwantlen.ca](mailto:tlclangley@kwantlen.ca)

Room 2070

**Richmond:**

604.599.3454

[tlrichmond@kwantlen.ca](mailto:tlrichmond@kwantlen.ca)

Library 1100

**Surrey:**

604.599.2437

[tlcsurrey@kwantlen.ca](mailto:tlcsurrey@kwantlen.ca)

Library A1650

**Cloverdale**

604.598.6044

Library

## Alumni

Kwantlen Polytechnic University Alumni Association (KPUAA) is an extension of your alma mater's commitment to your personal and professional success. Comprised of over 35,000 highly skilled and diversely educated Kwantlen alumni, KPUAA provides an additional collection of tools and benefits to support graduates throughout their lifetime.

The word "alumni" refers to anyone who was granted a degree, honorary degree, diploma, certificate or citation by Kwantlen College, Kwantlen University College or Kwantlen Polytechnic University. There is no charge for membership in KPUAA and upon graduation, students automatically become members.

Kwantlen alumni automatically have access to a variety of 'Tools for Success' benefits including: career counselling, Kwantlen's electronic job posting system, a complimentary listing in the online alumni professional directory, a mentorship program, library services, recreation opportunities, meeting room services, discounted commercial printing services, bookstore discounts and a growing list of external programs and offerings.

The KPUAA website ([kwantlen.ca/alumni](http://kwantlen.ca/alumni)) helps our grads stay in touch with Kwantlen while keeping them updated on events and services specifically for them. The InTouch alumni e-Newsletter is sent out on a monthly basis to provide useful information for career and personal development while providing a platform to keep alumni abreast on KPUAA's latest activities. The publication features alumni success stories, updates from our grads, event and benefits information.

Kwantlen Polytechnic University Alumni Association—Your lifelong partner in Success.

Kwantlen University Alumni Association

**Tel:**

604.599.3158

**E-mail:**

alumni@kwantlen.ca

**Website:**

kwantlen.ca/alumni

# Kwantlen Polytechnic University Foundation

The Kwantlen Foundation was established in 2000, the mission of the Kwantlen Foundation is to raise funds to create quality life-long learning opportunities for Kwantlen students to achieve personal, social and career success.

Governed by a Board of Directors, the Kwantlen Foundation raises money to provide financial assistance to students and special projects initiated by the university. Each year, the Kwantlen Foundation raises more than 1.5 million dollars to support various Kwantlen programs that enhance student learning opportunities. Much of these funds are gifted to students through Kwantlen's scholarships, awards and bursaries program.

There are a variety of ways to demonstrate your support to Kwantlen students by getting involved with the Kwantlen Foundation. For more information on the Foundation, please contact us at [foundation@kwantlen.ca](mailto:foundation@kwantlen.ca) or call us at 604.599.2010.

The Kwantlen Foundation adheres to the provincial and federal regulations with regard to the protection of personal information. Our Privacy Policy (PDF) is our commitment to our donors that your rights and privacy are protected.

**Kwantlen Foundation****Mailing address:**

Kwantlen Polytechnic University  
12666-72nd Avenue Surrey, BC Canada V3W 2M8

**Charitable Registration Number**

861562924RR0001

**Tel:**

604.599.2010

**Fax:**

604.599.3138

**E-mail:**

[foundation@kwantlen.ca](mailto:foundation@kwantlen.ca)

**Website:**

[kwantlen.ca/foundation](http://kwantlen.ca/foundation)



# Academic Affairs

## Academic Affairs

Academic Affairs includes the Office of the Provost & Vice President – Academic and Associate Vice President – Academic, the eight distinct Faculties at Kwantlen Polytechnic University, the University Libraries, the Division of Strategic Enrollment Management, the Division of Student Life and Community, and the Office of Research & Scholarship. The eight Faculties are led by Deans, and are as follows: Academic and Career Advancement, Business, Community and Health Studies, Design, Horticulture & Sciences, Humanities, Social Sciences, and Trades & Technology. All aspects of academic life, teaching, research, scholarship, and service are within Academic Affairs. Along with all areas of student life, including, recruitment, admissions, academic records, graduation, registration, calendar, financial aid & scholarships, testing, international education, student government, student activities, athletics, recreation services, advising, counseling, career services, co-operative education, disability services, First Nations programs, and student leadership.

In this section you will find:

- About Academic Affairs
- Degrees & Credentials
- Student Records
- Academic Regulations
- Academic Standing
- Grades
- Graduation
- Library
- Office of Research & Scholarship

## Degrees & Credentials

The degrees and credentials listed here are those currently offered at Kwantlen. More details regarding these credentials can be found under their respective program headings in this calendar.

### POST BACCALAUREATE

- Post Baccalaureate Diploma in Human Resources Management
- Post Baccalaureate Certificate in Critical Care Nursing

### BACCALAUREATE DEGREES

- Bachelor of Applied Arts in Psychology (also: Honours option)
- Bachelor of Design, Fashion and Technology
- Bachelor of Design, Graphic Design for Marketing
- Bachelor of Design, Product Design (Fall 2012)
- Bachelor of Interior Design
- Bachelor of Journalism (also: Honours option)
- Bachelor of Arts in Community Criminal Justice (also: Honours option)
- Bachelor of Arts - Honours (Criminology, Psychology)
- Bachelor of Arts, Double Minor (Double Minors in Anthropology, Counselling, Creative Writing, Criminology,

Economics, English, Geography, History, Mathematics, Philosophy, Political Science, Psychology or Sociology)

- Bachelor of Arts (Majors in Anthropology, Asian Studies, Creative Writing, Criminology, English, General Studies, History, Philosophy, Policy Studies, Psychology, and Sociology)
- Bachelor of Business Administration in Accounting (also: Co-op option)
- Bachelor of Business Administration in Entrepreneurial Leadership (also: Co-op option)
- Bachelor of Business Administration in Human Resources Management (also: Co-op option)
- Bachelor of Business Administration in Marketing Management (also: Co-op option)
- Bachelor of Fine Arts, Visual Arts
- Bachelor of Horticulture Science, Major in Plant Health
- Bachelor of Horticulture Science, Major in Urban Ecosystems
- Bachelor of Music in Musical Arts
- Bachelor of Psychiatric Nursing
- Bachelor of Science, Major in Biology (Fall 2012 or later)
- Bachelor of Science in Applied Psychology
- Bachelor of Science in Health Science (Fall 2012 or later)
- Bachelor of Science in Nursing
- Bachelor of Technology in Information Technology (also: Co-op option)
- Bachelor of Technology in Trades Innovation (Fall 2012)

### ASSOCIATE DEGREES

- Associate of Arts Degree in Anthropology
- Associate of Arts Degree in Asian Studies
- Associate of Arts Degree in Canadian Studies
- Associate of Arts Degree in Creative Writing
- Associate of Arts Degree in Criminology
- Associate of Arts Degree in Economics
- Associate of Arts Degree in English
- Associate of Arts Degree in General Studies
- Associate of Arts Degree in Geography
- Associate of Arts Degree in History
- Associate of Arts Degree in Music
- Associate of Arts Degree in Philosophy
- Associate of Arts Degree in Political Science
- Associate of Arts Degree in Psychology
- Associate of Arts Degree in Sociology
- Associate of Science Degree in Biology
- Associate of Science Degree in Chemistry
- Associate of Science Degree in General Science
- Associate of Science Degree in Geography
- Associate of Science Degree in Mathematics
- Associate of Science Degree in Physics

### DIPLOMAS

- Diploma in Accounting
- Diploma in Arts

- Diploma in Business Administration
- Diploma in Business Management
- Diploma in Criminology
- Diploma in Computer Aided Drafting and Design
- Diploma in English Language Proficiency
- Diploma in Fashion and Technology
- Diploma in Fashion Marketing
- Diploma in Fine Arts
- Diploma in General Business Studies
- Diploma in General Studies
- Diploma in Graphic Design for Marketing
- Diploma in Horticulture Technology, Greenhouse and Nursery Production
- Diploma in Horticulture Technology, Landscape Design and Installation
- Diploma in Horticulture Technology, Turf Management
- Diploma in Marketing Management (also: Co-op option)
- Diploma in Music
- Diploma in Public Relations
- Diploma in Science
- Diploma of Technology in Environmental Protection (also: Co-op option)

## ADVANCED CERTIFICATES

- Advanced Certificate in Computer Aided Drafting and Design

## CERTIFICATES

- Certificate in Accounting
- Certificate in Advanced Farrier Training
- Certificate in Appliance Servicing
- Certificate in Arts
- Certificate in Automotive Service Technician
- Certificate in Business Management
- Certificate in Computer Information Systems
- Certificate in Criminology
- Certificate in Computer Aided Drafting and Design
- Certificate in Engineering
- Certificate in Fine Arts
- Certificate in Foundations in Design
- Certificate in General Business Studies
- Certificate in Graduate Nurse Internationally Educated Re-entry
- Certificate in Health Care Assistant
- Certificate in Health Unit Coordinator
- Certificate in Legal Administrative Studies
- Certificate in Marketing
- Certificate in Music
- Certificate in Public Safety Communications
- Certificate in Special Education Teacher Assistant
- Certificate in Welding—Level C

## CITATIONS

- Citation in Career Choices and Life Success
- Citation in Carpentry/Building Construction

- Citation in Construction Electrician
- Citation in Computer Aided Drafting and Design
- Citation in English Language Proficiency
- Citation in Graduate Nurse Re-Entry
- Citation in Horticulture Technology, Foundation in Landscape Design
- Citation in Horticulture Technology, Arboriculture
- Citation in Horticulture Technology, Commercial Horticulture in BC
- Citation in Horticulture Technology, Garden Centre Operations
- Citation in Horticulture Technology, Horticultural Science
- Citation in Horticulture Technology, Introduction to Sustainable Horticulture
- Citation in Horticulture Technology, Pest Management, Landscape
- Citation in Horticulture Technology, Pest Management, Production
- Citation in Horticulture Technology, Pest Management, Turf
- Citation in Horticulture Technology, Production Facilities
- Citation in Horticulture Technology, Residential Lawn Care
- Citation in Masonry
- Citation in Metal Fabrication
- Citation in Millwright / Industrial Mechanic
- Citation in Parts and Warehousing
- Citation in Plumbing
- Citation in Welding—Level A
- Citation in Welding—Level B

## CERTIFICATES OF COMPLETION

- Certificate of Completion in Access Programs for People with Disabilities
- Certificate of Completion in Adult Basic Education
- Certificate of Completion in Graduate Nurse Qualifying

## ADULT GRADUATION DIPLOMA

- British Columbia Adult Graduation Diploma

## Student Records

### TRANSCRIPTS

An official transcript is a copy of the student's permanent academic record that is imprinted with the signature of the Registrar. Partial transcripts will not be issued. Transcripts will only be released upon presentation of photo identification. They will be released to a third party only if a signed letter of permission is provided. A request for an official transcript should be submitted at least 10 working days before it is required. There is a charge for transcripts as published in the Other Fees section of the calendar.

All student obligations relating to fees, library books, rentals or borrowed equipment or other materials must be met before official transcripts will be released.

## CONFIDENTIALITY OF STUDENT RECORDS

Information obtained from students as part of the application and registration process is confidential, as is the student's academic record and information on library use and counselling files. This information is in the custody of, and is not to be released except on the authorization of the Registrar.

Only those administrators, faculty and staff who have a legitimate need to view a student's record as a part of their normal duties will be permitted access to those records. All employees are expected to respect the confidentiality of the student information with which they work.

Students may authorize, in writing, release of any information contained in Kwantlen files with the exception of documents submitted in support of their application or for transfer credit.

The Registrar may release information from student records without student authorization:

- 1.1. To the Ministry of Advanced Education or their agents for the purpose of statistical analysis or research, provided that the student is not named or otherwise identified.
- 2.2. To government departments or their agents where Kwantlen is required by law to provide the requested information, or
- 3.3. Pursuant to a valid court order, search warrant, subpoena, summons, or request by a law enforcement agency.
- 4.4. Information that has been deemed a public record
- 5.5. Information that has been routinely provided in the past will continue to be available to the public, with the exception of personal information.

Students are entitled to receive a copy of their academic record and an explanation of any information contained therein on one week's notice upon receipt of a written request to the Office of the Registrar. The information will only be released upon presentation of photo identification.

See policy **C.4** that can be viewed at the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies) for further details.

## ACCURACY OF STUDENT RECORDS

In order to ensure that admission information, registration materials and other mailings reach students in a timely manner, it is each student's responsibility to ensure their address and all other contact information is kept up-to-date. Students may do this in writing using a Student Status Change Form, available for download at [www.kwantlen.ca/ses/forms](http://www.kwantlen.ca/ses/forms) or it may be done online through their myKwantlen account. Kwantlen will contact applicants, students and alumni through their mailing address as well as through the Kwantlen.net email address that is provided upon application to the university. Kwantlen does not accept responsibility for problems caused by incorrect or out-of-date address information and it is the responsibility of the student to ensure this information is kept up-to-date.

A student who changes her or his legal name subsequent to applying and being accepted at Kwantlen must officially notify the Office of the Registrar in writing and provide official documentation of the change (e.g. marriage certificate). Similarly, a student who is providing documents to Kwantlen which have been issued under a previous name must also provide official documentation of the change. A Student Status Change Form

may be used to notify Kwantlen and is available for download at [www.kwantlen.ca/ses/forms](http://www.kwantlen.ca/ses/forms).

A student who wishes to change her or his program of studies must request to do so in writing by the application deadline for the program. This will ensure that the student is classified properly and receives appropriate registration and other materials. A Program Status Change Form submitted to Student Enrolment Services may be used for this purpose. This form is available for download at [www.kwantlen.ca/ses/forms](http://www.kwantlen.ca/ses/forms).

## FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY ACT

The principles underlying this legislation are to make public organizations more accountable to the public and to protect personal privacy by:

- Giving the public a right of access to records in the custody of, or under the control of, Kwantlen
- Giving individuals a right of access to, and a right to request correction of, personal information about themselves
- Specifying limited exceptions to the right of access where disclosure would result in harm to a third party
- Preventing the unauthorized collection, use, or disclosure of personal information, and
- Providing for an independent review of decisions made under the Act

Under the Act, Kwantlen must provide a legal right of access to records in the custody of, or under the control of Kwantlen, while at the same time prevent the unauthorized collection, use or disclosure of personal information. Responding to requests for access to records, while at the same time protecting individual privacy, is a basic responsibility of Kwantlen.

Kwantlen gathers and maintains information used for the purposes of admission, registration, research, alumni and Kwantlen Foundation, student association and other fundamental activities related to being a member of Kwantlen's community and attending a public post-secondary institution in the Province of British Columbia.

In submitting an Application for Admission, all applicants are advised that the information they provide and any other information placed into the student record will be protected and used in compliance with the Freedom of Information and Protection of Privacy Act.

Guidelines and procedures to deal with the handling of requests for access to records under the Act are freely available to all members of the public.

Information that has been routinely provided in the past will continue to be available to the public, with the exception of personal information.

The President makes the final decisions on access to information held by Kwantlen. Decisions on access can be appealed to the Information and Privacy Commissioner through a request for review process.

For further details, visit [www.kwantlen.ca/foipop](http://www.kwantlen.ca/foipop) or see policy E.20 that can be viewed at the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies).

## CERTIFIED COPIES OF ACADEMIC RECORD FOR LEGAL PURPOSES

Students requiring certified copies of their academic records may submit a request to Student Enrolment Services personally or through their legal counsel. Requests must state clearly what information is to be released and to whom. Requests must include the student's signature, date of birth, student identification number (if known) and date of request.

All requests must be accompanied by payment in full.

Transcript \$10.00 (plus applicable taxes)

File copy \$100.00 (plus applicable taxes)

## Academic Regulations

### ACADEMIC HONESTY AND PLAGIARISM

Cheating, which includes plagiarism, occurs where a student or group of students uses or attempts to use unauthorized aids, assistance, materials or methods. Plagiarism occurs where a student represents the work or ideas of another person as his or her own.

Kwantlen condemns all forms of cheating and will discipline students for cheating in the following manner:

For most first offences, a grade of zero will be awarded for the affected assignment, test, paper, analysis, etc.

For most second offences, a failing grade will be assigned in the affected course.

Depending upon the circumstances surrounding the first or second offence, a more severe level of discipline may be imposed by Kwantlen.

Where deemed appropriate in the circumstances, for a third offence, the matter must be referred to Kwantlen's Provost and Vice President Academic, under policy **C. 21**, Student Conduct for the assignment of discipline which may include suspension or expulsion from the university.

Any student who contributes to an act of academic dishonesty by another student may face disciplinary action.

The student may appeal any decision or penalty to the Kwantlen Appeal Committee.

Examples of cheating and plagiarism are available online at: [www.kwantlen.ca/\\_\\_\\_shared/assets/Honesty1432.pdf](http://www.kwantlen.ca/___shared/assets/Honesty1432.pdf).

See policy C.8 that can be viewed at the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies) for further details.

### APPEALS OF ACADEMIC DECISIONS

Kwantlen recognizes that, from time to time, a student may be dissatisfied with an academic decision made by a university employee, or may wish to appeal a grade. For this reason, Kwantlen provides an appeal procedure through which these and similar issues may be addressed. Any university employee whose decision is being appealed at any level of the process must be made aware of the appeal and given the opportunity to state his or her position.

The student must attempt, when possible, informal resolution with the concerned individual prior to proceeding with a formal appeal in the case of academic decisions or grade appeals. Prior to submitting a formal appeal, the student should consult a counsellor to obtain information and advice on how to proceed.

If informal resolution is not successful, the student should obtain an appeal form from Student Enrolment Services and complete it in full. To initiate the appeal procedure the student must submit the appeal form to Student Enrolment Services within twenty (20) working days of the matter giving rise to the appeal.

To request a variance from university policy, on matters not related to academic decisions, students may formally do so by submitting a Request for Variance form which may be obtained at any Student Enrolment Services Office.

See policy L.6 that can be viewed at the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies) for further details.

## Academic Standing

The academic standing of a student will form part of his or her permanent academic record and will appear as a notation on enrolment verification forms, statements of grades and official transcripts.

All students attending Kwantlen are expected to maintain an acceptable standard of academic achievement. For programs in which letter grades are assigned, a minimum Cumulative Grade Point Average (CGPA) of 2.00 is expected. Failure to meet this minimum academic standard will result in corrective action and can lead to permanent withdrawal from Kwantlen.

The academic standing for all students who have completed a minimum of 9.0 semester credit hours, and who are enrolled in programs in which letter grades are assigned, will be determined at the end of each semester.

Students who do not maintain a Cumulative Grade Point Average (CGPA) of 2.00 must achieve a Term Grade Point Average of 2.00 or better each semester until their CGPA is 2.00 or above. Students who do not achieve this will progress through the Academic Status reviews as detailed below, from Academic Warning to Academic Probation to Required to Withdraw to Readmitted on Academic Probation to Academic Suspension.

See policy L.7 that can be viewed in the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies) for further details.

## DEAN'S HONOUR ROLL

A full-time student in a semester-based or term-based program who has completed 15.0 or more semester credit hours at Kwantlen and who has a CGPA of 3.75 or better and a TGPA of 3.50 or better for the semester being evaluated, will be placed on the Dean's Honour Roll. Please see the Grades section of the online calendar to see how grades and GPA are calculated.

A student in a program for which letter grades are not assigned will be placed on the Dean's Honour Roll at the completion of their program upon the recommendation of the program coordinator or instructor in recognition of outstanding achievement or performance.

Kwantlen's Deans will send a letter of commendation to each student placed on the Dean's Honour Roll.

See policy L.3 that can be viewed at the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies) for further details.

## GOOD ACADEMIC STANDING

All students are assumed to be in Good Academic Standing unless stated otherwise on their academic record.

## ACADEMIC WARNING

A student who has completed a minimum of 9.0 semester credit hours and has achieved a CGPA of less than 2.00, will be placed on Academic Warning. Students will remain on Academic Warning until they have attempted 18.0 semester credit hours. A student on Academic Warning may not repeat a course for which a grade of C or better has been assigned.

## ACADEMIC PROBATION

A student who has been on Academic Warning, has completed a minimum of 18.0 semester credit hours and has achieved a CGPA of less than 2.00, will be placed on Academic Probation. Students will remain on Academic Probation until they have attempted 27.0 semester credit hours. A student on Academic Probation may not repeat a course for which a grade of C or better has been assigned.

## REQUIRED TO WITHDRAW

A student who is on Academic Probation and who has completed a minimum of 27.0 semester credit hours and whose TGPA and CGPA are both less than 2.00 will be referred to Kwantlen's President for a decision as to whether:

1. the student shall be Required to Withdraw for a period of not less than six (6) months, or
2. other action should be taken.

Students who are required to withdraw are not permitted to enrol in undergraduate courses, but may, where applicable, enrol in preparatory courses during their six (6) month withdrawal period.

## Re-Admission on Academic Probation

A student who has been Required to Withdraw may appeal for re-admission to Kwantlen for a term which begins at least six (6) months after the student was required to withdraw. The Application for Re-admission must be submitted by the application deadline for the term for which the student is applying, and must be accompanied by an Educational Plan. The Educational Plan for Students Applying for Reinstatement must include:

- The reasons for the poor performance
- The steps taken or that will be taken to rectify the problem(s)
- The major activities since leaving the University
- Any courses taken elsewhere (must submit transcript)
- Any activities undertaken to upgrade academically or improve study skills
- Educational goal, including reasons for changing or not changing the goal

Letters of reference from employers or instructors may be included.

Applications will be accepted no more than one month prior to the application deadline unless the student has already been away from Kwantlen more than six months. Late applications or late Educational Plans will not be accepted due to the time required for review.

The appropriate Director (or designate) will review the Educational Plan. The student may be required to discuss it further, by telephone or in an interview, with the Director

(or designate), or may be referred to Counselling. Once the Educational Plan is complete, the Director (or designate) will confirm whether re-admission to Kwantlen on Academic Probation has been granted. If re-admission is granted, the student must have completed a minimum of 36.0 semester credit hours before further action will take place.

## ACADEMIC SUSPENSION

A student who has been re-admitted on Academic Probation and has completed a minimum of 36.0 semester credit hours and whose TGPA and CGPA are both less than 2.00 will be referred to Kwantlen's President for a decision as to whether:

1. The student shall be placed on Academic Suspension for a minimum of one (1) year, or
2. Other action should be taken.

Students who are on Academic Suspension are not permitted to enrol in undergraduate courses, but may, where applicable, enrol in preparatory courses during their one (1) year suspension period.

## Re-Admission on Academic Suspension

A student who has been placed on Academic Suspension may apply for re-admission to Kwantlen for a term which begins after one (1) year has transpired. The Application for Re-admission must be submitted by the application deadline for the term for which the student is applying, and must be accompanied by an Educational Plan. The Educational Plan for Students Applying for Reinstatement must include:

- The reasons for the poor performance
- The steps taken or that will be taken to rectify the problem(s)
- The major activities since leaving the University
- Any courses taken elsewhere (must submit transcript)
- Any activities undertaken to upgrade academically or improve study skills
- Educational goal, including reasons for changing or not changing the goal

Letters of reference from employers or instructors may be included.

Applications will be accepted no more than one month prior to the application deadline. Late applications and late Educational Plan will not be accepted due to the time required for review.

If re-admission is granted, the student will be re-admitted in Good Standing and will be advised to consult with an Educational Advisor regarding a future program of studies.

## ACADEMIC RENEWAL

Kwantlen is committed to providing its students with opportunities to succeed in their academic studies. For various reasons, not all students are able to avail themselves of these opportunities when they are initially enrolled at Kwantlen. A student who has not been enrolled at Kwantlen for a minimum of five (5) years and who had a Cumulative Grade Point Average of less than a 2.00 at the end of the last term of attendance may apply in writing to have grades earned for all courses (including those passed) taken previously at Kwantlen eliminated from the computation of her or his CGPA. These courses and grades will appear on statements of grades and unofficial and official transcripts. Academic Renewal may only be requested once and will be granted at the discretion of the Registrar or designate.

Students will be advised that other post-secondary institutions may or may not recognize Academic Renewal and may include

these courses in their GPA calculations when determining eligibility for transfer.

See policy L.8 that can be viewed at the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies) for further details.

## Grades

See policy C.20 that can be viewed at the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies) for further details.

The following grading system will apply to courses in which a letter grade is assigned;

### GRADING SYSTEM

Grade	Grade Points	CNVR. Scale	Definition
A+	4.33	90-100	Exceptional achievement
A	4.00	85-89	Outstanding achievement
A-	3.67	80-84	Excellent achievement
B+	3.33	76-79	Very good achievement
B	3.00	72-75	Good achievement
B-	2.67	68-71	Good achievement
C+	2.33	64-67	Satisfactory achievement
C	2.00	60-63	Satisfactory achievement
C-	1.67	56-59	Minimal achievement. This grade does not permit student to pursue another course for which the graded course was a prerequisite.
D	1.00	50-55	Minimal achievement. This grade does not permit student to pursue another course for which the graded course was a prerequisite.
F	0.00	0-49	Unsatisfactory achievement. Student did not meet minimum course requirements.

### GRADE POINT AVERAGE (GPA) DEFINITIONS

#### Quality points:

A value determined for each course by multiplying the course credit hours by the grade points for the assigned grade

#### Grade Point Average (GPA):

A value determined by dividing the total quality points by the total semester credit hours. Term and cumulative grade point averages will be reported on all transcripts and statements of grades.

#### Term GPA (TGPA):

The grade point average for all Kwantlen coursework completed in one term only. The TGPA is the sum of the quality points earned in a term divided by the total number of semester credits hours earned in that term.

### Cumulative GPA (CGPA):

The grade point average for all coursework completed at Kwantlen in which a letter grade was assigned. For repeated courses, only the higher grade is used in this calculation. The CGPA is the sum of the quality points earned in all terms of enrolment divided by the total number of semester credit hours earned in all terms.

### Program GPA (PGPA):

The grade point average for all coursework applicable to a specific program. This calculation is used when determining eligibility for graduation and whether a student has graduated With Distinction. The PGPA is the sum of the quality points earned for all required and elective courses in a student's program divided by the total number of semester credit hours earned for that program.

### Sample GPA Calculation

#### Term 1

Course	Grade	Grade Point	Credits	Total Grade Point
ANTH 1100	B+	3.33	3	9.99
CHEM 1100	B	3.00	5	15.00
CPSC 103	B-	2.67	3	8.01
ENGL 1110	A	4.00	3	12.00
<b>Totals</b>			<b>14</b>	<b>45.00</b>

$$TGPA = 45.00 / 14.0 = 3.21$$

#### Term 2

Course	Grade	Grade Point	Credits	Total Grade Point
ANTH 1300	B	3.00	3	9.00
CHEM 210	C+	2.33	5	11.65
ENGL 101	A-	3.67	3	11.01
SOCI 125	B+	3.33	3	9.99
<b>Totals</b>			<b>14</b>	<b>41.65</b>

$$TGPA = 41.65 / 14 = 2.98$$

$$CGPA = (45.00 + 41.65) / (14 + 14) = 86.65 / 28.0 = 3.09$$

The following grades are not used in Grade Point Average (GPA) calculations.

#### Grade Definition

I	Incomplete. Course requirements to be completed within specific time.
W	Withdrawal. Approved withdrawal from course or program.
WE	Withdrawal under extenuating circumstances. Approved withdrawal from course or program past published deadline.
AUD	Audit. Student attended classes but was not evaluated.
CIP	Course in progress.

DEF	Deferred. The course duration does not correspond to the usual semester or term duration, hence no grade assigned.
MAS	Mastery. Student has met and mastered a clearly defined body of skills & performances to required standard.
NCG	No Credit Granted. Student has not met the required standard for the course and/or not participated to the required level in course activities.
EXP	Experience. Student has participated at the required level in course activities.
AEG	Aegrotat. A pass standing based on satisfactory term marks where the student has been unable to complete all course requirements due to disabling illness or other circumstances.
TRF	Transfer Credit. Student granted transfer credit based on successful completion of equivalent course at another institution.

## INCOMPLETE (I) GRADE

An Incomplete (I) grade is intended to assist responsible students to carry out their commitments and is not intended to encourage students to procrastinate. It is reasonable, therefore, to expect that it will be infrequently used. The withdrawal procedure may be more realistic for many students. Once an "I" contract is signed, a student will normally not be permitted to apply for a compassionate withdrawal.

Student applications for I grades should be received by the instructor no later than the last day of classes for the term. The following criteria are to be used by instructors in deciding whether to agree to an "I" contract:

1. Previous work in the course should have been at a satisfactory level
2. The student must have been prevented from completing the course requirements by some abnormal circumstance or juxtaposition of other responsibilities such as:
  - Embarking on a project whose completion turns out to be more time-consuming than originally contemplated
  - An emergency situation such as illness or accident which has prevented the student from completing one or more of the course requirements (supporting documentation may be required by the instructor)

The student should be able to complete an I contract within two (2) to four (4) weeks after it is entered into.

Any I grade is subject to review by the Dean, whose signature is required on the contract.

There is no limit to the number of I grades that a student may carry. However, a student receiving one or more I grades will be allowed to re-register in a subsequent semester only after review of her or his course load by a counsellor, educational advisor or the Registrar or Director prior to registration.

## EXPERIENCE GRADING SYSTEM

Certain courses offered by Kwantlen provide an appropriate learning environment, but only the student can assess and decide how much value the course has been. Such courses demand student participation and, provided the student participates, credit will be granted. Because of the nature of this grading system,

credits earned in this type of course will not be used in calculating the grade point average.

### Grade Definition

EXP	Experience. Student has participated at the required level in course activities.
NCG	No Credit Granted. Student has not participated to the required level in course activities.

## MASTERY GRADING SYSTEM

Kwantlen has designated certain courses as Mastery courses. These courses demand a clearly defined high standard of performance, in which the student must demonstrate complete mastery of all knowledge and/or performance requirements. Because of the nature of this grading system, credits earned in this type of course will not be used in calculating the grade point average.

### Grade Definition

MAS	Mastery. Student has mastered a clearly defined body of skills and performances to required standards.
NCG	No Credit Granted. Student has not met the required standard for the course and/or has not participated to the required level in course activities.

## PASSING GRADE IN A COURSE

Unless otherwise specified by the official course outline, the minimum passing grade for a course in which letter grades are assigned is a D grade. Courses in which a grade of D or better has been achieved may be used to satisfy program requirements for graduation.

The minimum passing grade for a course or module in which letter grades are not used is a grade of Mastery (MAS). Courses or modules in which a grade of MAS has been achieved may be used to satisfy program requirements for graduation.

Minimum Grade Required in Prerequisite Course. In order to enrol in a course or module for which there is a prerequisite course or module, a student must have been assigned a grade of C (or higher) or MAS or AEG or TRF in the prerequisite course or module. Some programs require a higher grade than C for prerequisites to their courses.

## REPEATED COURSES

All grades are recorded on the student's transcript. If a course is repeated to replace a failed or other grade, the higher grade will always be used to compute cumulative and program grade point averages or to determine standing. Normally a course may not be repeated more than once.

## GRADE CHANGE / ERROR

A student who believes that an error has been made in recording a final grade should first contact the Records Department. If a recording error has been made, it will be corrected there. If the recorded grade is the same as that submitted by the instructor, the student must contact the instructor to verify the grade. If an incorrect grade has been submitted, the instructor will submit a Grade Reporting Form to correct the error. Upon receipt of the signed form, a correction will be made to the student's academic record.

## GRADE CHANGE / APPEAL

See policy L.6 that can be viewed at the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies) for further details.

Only the instructor who assigned the grade may normally change a final grade. If a student feels that she or he has received an inaccurate and/or unfair grade, the student must first contact the instructor (or the Dean responsible for the course if the instructor is unavailable). If the student is not satisfied with the response of the instructor, she or he may appeal the grade through the normal Appeals procedure.

**Note:** A grade appeal must be filed within 20 working days of the issuance of the grade.

## AVAILABILITY OF FINAL GRADES FOR SEMESTER-BASED COURSES

Final grades for semester-based programs may be obtained online through a student's myKwantlen account usually within 5–7 days following a final examination or following the end of the semester if there is no final examination. Previous grades and transfer credits may also be viewed online at [myKwantlen.ca](http://myKwantlen.ca).

## Graduation

See policy L.5 that can be viewed at the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies) for further details.

Graduation eligibility is evaluated by the Records & Graduation Office after a Graduation Credential Request Form has been submitted. It is the student's responsibility to ensure program and degree requirements are met. Students should consult with the appropriate Faculty or with Educational Advising for assistance in determining whether program requirements have been met prior to applying for graduation.

Upon completion of the graduation audit, the Records & Graduation Office forwards the names of all eligible candidates to Senate for conferral. The University Senate confers credentials during the months of September – June each year, prior to the awarding of credentials at either of the Spring or Fall Convocation ceremonies.

## APPLICATION FOR GRADUATION CREDENTIAL

Every candidate for a credential must make a formal application for graduation by submitting a Graduation Credential Request Form to Student Enrolment Services. The form may be downloaded at [www.kwantlen.ca/ses/forms](http://www.kwantlen.ca/ses/forms). Graduation requests may be submitted anytime during the semester in which you will complete your program requirements, but must be submitted before the deadline posted to the convocation website ([www.kwantlen.ca/convocation](http://www.kwantlen.ca/convocation)) in order to be eligible to attend the Convocation Ceremony.

Student obligations relating to fees, library books, rental or borrowed equipment or other materials must be met before a credential will be released.

## MINIMUM GRADE POINT AVERAGES

A minimum **Program Grade Point Average** (PGPA) and **Cumulative Grade Point Average** (CGPA) of 2.00 is required

for graduation for most programs. Post Baccalaureate certificates and diplomas require a CGPA and PGPA of 2.50 where applicable.

## TRANSFER OF COURSES FOR GRADUATION

A student may apply transfer credits for courses or modules taken at secondary and other post-secondary institutions, as well as credits obtained through prior learning assessment, toward credential requirements.

Academic departments may set a time limit on the acceptance of transfer courses in which the requisite knowledge and skills are subject to rapid change.

Up to 75% of the credits required for graduation in a program may be obtained through a combination of transfer credit and prior learning assessment. This applies to first credentials only. In general, a student may not receive two credentials for substantially the same coursework. A minimum of 50% of the course work for a second credential must be from courses or modules not used to satisfy the requirements for the first credential. This requirement does not apply to the additional specialized courses taken for an Advanced Certificate.

Students are normally expected to complete at least 60 credits at Kwantlen Polytechnic University for a B.A. degree; however, they may apply for an exemption to this ruling on an individual basis. If such an exemption is granted, then residency may be limited to no fewer than 30 credits. In any case, at least 50% of the required upper level credits within the subject area must be completed at Kwantlen.

In order to have previous academic work evaluated, students must submit a Request for Transfer Credit form, as well as all other required documentation and fees as stipulated on the Transfer Credit website: [www.kwantlen.ca/transfercredit](http://www.kwantlen.ca/transfercredit). Requests for transfer credit should be submitted as early as possible in the student's program. Substitutions for prescribed courses in a program may be approved by the appropriate Dean upon submission of the Request for Course Substitution form to the Graduation Officer. Such requests should be submitted prior to enrolling in the substitute course.

## GRADUATION WITH DISTINCTION

See policy L.4 which can be viewed at the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies).

Students who graduate with a minimum Program Grade Point Average (PGPA) of 3.75 from a program which utilizes letter grades will be considered to have graduated with distinction. Students who graduate with outstanding achievement (as determined by program faculty) from a program which does not utilize letter grades will be considered to have graduated with distinction.

The phrase "*With Distinction*" will appear on the student's transcript and credential.

## TIMEFRAMES FOR COMPLETING PROGRAMS

See policy L.5 that can be viewed at the Library or online at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies) for further details.

Program	Time Limit (years)	Minimum Credits Required
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In the event of a discrepancy between this document and the official Kwantlen 2011-12 Calendar (available at [www.kwantlen.ca/calendar/2011-12](http://www.kwantlen.ca/calendar/2011-12)), the official calendar shall be deemed correct.



Post Baccalaureate Diploma	10	30
Post Baccalaureate Certificate	10	15
Bachelor's Degree	10	120
Bachelor's Degree-Degree Completion	10	60
Associate Degree	10	60
Diploma	10	60
Advanced Certificate	10	variable
Certificate	10	30
Citation	10	15
Certificate Completion	10	variable

## CONVOCATION CEREMONY

All students who successfully complete a program at Kwantlen that is at the undergraduate, vocational or preparatory level are eligible to attend the Convocation Ceremony.

Submission of the Graduation Credential Application and the Ceremony Application forms must be in accordance with published deadlines for students wishing to attend the Convocation Ceremony.

Information about Convocation, including applicable deadlines, is available on the Convocation website at [www.kwantlen.ca/convocation](http://www.kwantlen.ca/convocation).

## Library: Coast Capital Savings Library

[www.kwantlen.ca/library](http://www.kwantlen.ca/library)

Kwantlen's four campus libraries at Cloverdale, Langley, Surrey and Richmond provide resources and services to meet the needs of Kwantlen's diverse learner community. The library's print and electronic resources as well as instructional programs and other services help students develop their research skills and succeed in their course studies. Library resources are available to students and all Kwantlen employees.

## SMART CARD

The Kwantlen Smart Card serves as both a library card and student identification card. Students can obtain their Smart Card at any campus library one month prior to the start of classes. The Smart Card must be presented when borrowing any library materials and at all Student Association sponsored activities. It may be used as photo identification when picking up grade statements, transcripts, or other documents from Student Enrolment Services. In addition, it is used for photocopying and printing and is required to obtain a U-Pass. The Smart Card is permanent and is automatically updated each semester upon registration. The information on the Smart Card forms part of your student record and is confidential. If the card is lost, please notify the library immediately.

## HELP WITH RESEARCH

Librarians are available at all campus library Information Desks to assist students individually and to teach the skills needed to use library resources effectively. Instructors may book group Library and Web Instruction Sessions for their classes. The library's

website provides information on library resources and services including tutorials, the library catalogue and research databases. Multipurpose computer labs are available at all campus libraries. These computers are used for library instruction, searching library resources, Internet access, e-mail and word processing.

## BOOKS, JOURNALS, VIDEOS AND DVDS

Our collection includes more than 238,000 catalogued print, online and audiovisual items. All resources are listed in the library catalogue, which can be searched through the library website. In addition, the library subscribes to research databases which provide access to full text articles from over 32,000 journals as well as online encyclopedias and dictionaries. Research databases can be searched through the library website and Kwantlen students and employees can access most of these databases from off campus.

The library has an excellent collection of videos, DVDs and streaming videos. Students can reserve Kwantlen videos and DVDs or watch streaming videos through the library catalogue. Equipment can be booked by contacting the Audiovisual Services Technician at your nearest campus library or through the library website. The library also houses special collections including government documents, and microform that supplement the book, periodical and media collections.

## BORROWING AND FINES

Most books are loaned for a three-week period with the exception of reference books, which must remain in the library. Journals may be borrowed for three days. Materials may be renewed if not requested by another borrower. Fines are charged for overdue materials and failure to pay overdue fines or fees for lost material may result in the withholding of student transcripts and credentials, the suspension of library privileges and may also prevent registration for courses.

## INTERCAMPUS AND INTERLIBRARY REQUESTS

The library operates a request system that allows library users to request books from other KPU campus libraries or place a hold on an item that is out on loan. All library notices (overdues, recalls & holds available) are delivered via Kwantlen email.

Kwantlen participates in the Canadian University Reciprocal Borrowing Agreement that allows students, faculty and staff to obtain a free community borrower/extramural library card at a number of institutions across Canada. Please check the Library website for more information and a list of participating institutions. Kwantlen library users can also obtain materials from other libraries via interlibrary loan.

## FOR MORE INFORMATION CONTACT:

Cloverdale: 604.598.6043

Langley: 604.599.3204

Richmond: 604.599.3111

Surrey: 604.599.2103

Hours of operation vary by campus and time of year. Please refer to the library website ([www.kwantlen.ca/library](http://www.kwantlen.ca/library)) to find current open hours and service desk hours for each campus library.

# Office of Research & Scholarship

The Office of Research and Scholarship is the interface between our researchers, our funders and a research partners. We are responsible for ensuring the highest standards of ethical research, fiscal responsibility in research, integrity on research and compliance with external regulations and internal policies. We also are the home of all research contracts as well as a number of faculty and student research awards.

The Office of Research and Scholarship offers services to our research community ranging from education on the basics of research funding applications to creating complex multi-institutional partnerships. Based out of the Coast Capital Library on the Surrey Campus we are home to the Research Ethics Board (a requirement for studies involving human participants), the Katalyst Grant program, and Student-Led Research Awards. Our staff can offer advice, and interpretations, on almost all aspects of research; be it from the very earliest idea through to commercialization of Kwantlen intellectual property.

Students are encouraged to discuss research with their faculty supervisor and contact the office with any questions.

Visit us at [kwantlen.ca/research](http://kwantlen.ca/research).

# Faculties & Programs

## Faculty of Academic & Career Advancement

Welcome to the Faculty of Academic and Career Advancement.

### DEAN:

**Christine Crowe, PhD**

Phone: 604.599.2949

### IN THIS SECTION:

You will find details of the Academic and Career Advancement programs:

- About the Faculty of Academic & Career Advancement
- Access Programs for People with Disabilities
- Adult Basic Education: Certificates of Completion
- Career Choices and Life Success: Citation
- Counselling: Bachelor of Arts Minor
- English Language Proficiency: Diploma
- University Qualifying Studies

## CONTINUING / PROFESSIONAL STUDIES

The Faculty of Academic and Career Advancement also offers a selection of continuing education and professional studies courses and programs. For more information about these offerings, please see the Faculty web site.

## Access Programs for People with Disabilities

Faculty of Academic and Career Advancement	
kwantlen.ca/aca	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Continuous intake	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
University Preparation	Certificate of Completion
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The goal of the Access Programs for People with Disabilities (formerly Adult Special Education) Department is to provide employment programs at the post-secondary level for adults with various disabilities. These programs will prepare students for employment, volunteer work and further education.

### Job Placement

Job placement assistance is provided to employable Kwantlen students with disabilities requiring assistance to find and maintain employment. The service in Surrey and Langley is funded by the Employment & Labour Market Services (ELMS) Division in the Ministry of Housing and Social Development and is also available to community members with a disability.

## CAREER OPPORTUNITIES

The APPD programs at Kwantlen are designed to maximize interpersonal skills and employment opportunities for students with disabilities. With instruction and training, students can realize their employment and personal potential.

## PROGRAM ADMISSION REQUIREMENTS

- Adults (18 and older) with a defined disability may apply
- Assessment prior to entry to determine appropriate program options and eligibility
- Complete Access Programs for People with Disabilities application package
- Participate in intake interviews

Work Exploration and Job Preparation programs are one year in length from the time of entry as seats become available. Vocational Skills Training is a ten month program starting in September of each year.

Students pay an application fee to Kwantlen, plus a moderate tuition fee. In some cases, various government ministries may pay a portion of these costs.

## How do I Apply?

To initiate the application process, please contact one of the individuals listed below at your preferred campus.

### Surrey Campus,

12666 - 72nd Ave. Surrey  
Nicola Soles, Instructor: 604.599.2934  
nicola.soles@kwantlen.ca

### Richmond Campus,

8771 Lansdowne Rd.  
Barbara Thomas-Bruzzese, Program Coordinator: 604.599.2530  
barbara.thomas-bruzzese@kwantlen.ca  
Teresa Morishita, Instructor: 604.599.2605  
teresa.morishita@kwantlen.ca

### Langley Campus,

20901 Langley By-Pass  
Fraser Crinklaw, Instructor: 604.599.3340  
fraser.crinklaw@kwantlen.ca

## CONTENT

### Work Exploration

(Formerly Career Awareness)

This program is designed to provide information to students about entry-level work opportunities available for adults with disabilities, and combines job-oriented classroom instruction with a work experience component. Work Exploration is a ten month program with the possibility of extension if the student has nearly completed graduation requirements.

### Job Preparation

This program is designed to meet the employment needs of adults with disabilities who are seeking competitive employment, and includes both job-oriented classroom activities and a work experience component. Job Preparation is a ten month program with the possibility of extension if the student has nearly completed graduation requirements.

### Vocational Skills Training

The Vocational Skills Training (VST) Program is designed to provide specific skills training and work experiences related to those skills. The options offered at present include: Automotive Assistant, Food Services Assistant, Clerical Assistant, Childcare Aide and Early Childhood Educator (ECE) Assistant. Options under consideration include Light Warehousing Assistant, Janitorial Assistant, and Automotive Detailing Assistant.

### CHILDCARE AIDE OPTION

Applicants must participate in a structured screening process in which experience in a childcare setting, documentation, criminal record search, and references will be assessed. Note that students registered in this option must also be enrolled in the Family Childcare Program at Kwantlen. Upon successful completion of this option, students are awarded a VST Certificate of Completion: Childcare Aide and a Family Childcare Statement of Completion. Students will also complete an Emergency Childcare First Aid course and receive the appropriate certificate.

### AUTOMOTIVE ASSISTANT OPTION

Applicants must participate in a structured screening process in which experience in an automotive setting, documentation, Class 7(N) minimum driver's license, and references will be assessed. Note that students registered in this option must also be enrolled in Kwantlen's Automotive Service Technician Program (AMCH) and complete assigned courses. Upon successful completion of this option, students will receive credit for completed AMCH courses. Students will also complete the Workplace Hazardous Materials Information System (WHMIS) training as well as a Basic First Aid course, and will receive the appropriate certificates.

### CLERICAL ASSISTANT OPTION

Applicants must participate in a structured screening process in which experience in a clerical setting, documentation, and references will be assessed. Note that students registered in this option must also be enrolled in two of the following courses: BUSI 1215, CBSY 1105, CMNS 1140, LGLA 1135 OR LGLA 1145. Upon successful completion of this option, students will earn credits for the completed School of Business courses.

### FOOD SERVICES ASSISTANT OPTION

Applicants must participate in a structured screening process in which experience in a food services setting, documentation, and references will be assessed. Upon successful completion of this option students will also complete the WHMIS (see above), Basic First Aid, and FoodSafe courses, and will receive the appropriate certificates.

### EARLY CHILDHOOD EDUCATOR ASSISTANT

Students may apply for admission into APPD 0310 on completion of APPD 0210. Applicants must participate in a structured screening process in which experience in a childcare setting, documentation, criminal record search, and references will be assessed. Note that students registered in this option must also be enrolled in at least one of the following courses in Early Childhood Education at a training institution currently approved by the Ministry of Children and Family Development: Child Growth and Development; Health, Safety and Nutrition or Child Guidance. Upon successful completion of this option students will earn credits at the partner institution for the completed ECE courses.

## GRADUATION

Upon successful completion of the Job Preparation Option, students are eligible to receive a **Certificate of Completion in Access Programs for People with Disabilities – Job Preparation** (*under review*).

Upon successful completion of the Work Exploration Option, students are eligible to receive a **Certificate of Completion in Access Programs for People with Disabilities – Work Exploration** (*under review*).

Upon successful completion of the Automotive Assistant Option, students are eligible to receive a **Certificate of Completion in Vocational Skills Training – Automotive Assistant Option, Access Programs for People with Disabilities** (*under review*).

Upon successful completion of Child Care Aide Option, students are eligible to receive a **Certificate of Completion in Vocational Skills Training – Childcare Aide Option, Access Programs for People with Disabilities** (*under review*).

Upon successful completion of Clerical Assistant Option, students are eligible to receive a **Certificate of Completion in Vocational Skills Training – Clerical Assistant Option, Access Programs for People with Disabilities** (*under review*).

Upon successful completion of Early Childhood Educator Assistant Option, students are eligible to receive a **Certificate of Completion in Vocational Skills Training – Early Childhood Educator Assistant Option, Access Programs for People with Disabilities** (*pending approval*).

Upon successful completion of the Food Services Assistant Option, students are eligible to receive a **Certificate of Completion in Vocational Skills Training – Food Services Assistant Option, Access Programs for People with Disabilities** (*under review*).

# Adult Basic Education: Certificate of Completion

Faculty of Academic and Career Advancement	
kwantlen.ca/aca	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Continuous intake	Self-paced
PROGRAM TYPE	CREDENTIAL GRANTED
University Preparation	Diploma Certificate of Completion
OFFERED AT	FORMAT
Cloverdale Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Adult Basic Education will be of interest to those students who wish to:

- Obtain a BC Adult Graduation Diploma (the "Adult Dogwood");
- Obtain a Certificate of Completion in Adult Basic Education;
- Prepare to write the General Education Development (GED) high school equivalency test, the Language Proficiency Index (LPI) test, and other specific program entry tests.
- Upgrade specific skills and knowledge in English (reading, writing, spelling, etc.), math and science;

**ABE courses are tuition free for domestic (Canadian citizens and Permanent Residents).** International students pay the regular rates.

## Course Options

### CLASS FORMAT

Most courses are given in a continuous-entry, individually paced format. Course offerings will vary from campus to campus.

### READING LAB

The reading skills laboratory offers individualized help to acquire reading, vocabulary, and spelling skills at all levels. It is available to all Kwantlen students and may be taken as preparation for, or at the same time as, other university courses.

### DIRECTED STUDIES

Directed studies courses in Math and English are available for students with specific upgrading needs. Course content and requirements for completion are determined by agreement between the individual student and instructor.

## Course Levels

### FUNDAMENTAL LEVEL

Students will benefit from the fundamental level if they have difficulty with basic reading, writing, and math. Completion of

this level prepares students for some trades programs and ABE courses at the Intermediate Level.

## INTERMEDIATE LEVEL (GRADE 10)

Completion of courses at this level prepares students for courses at the Advanced level, for direct entry into many trades and vocational programs, and for the GED.

## ADVANCED LEVEL (GRADE 11)

Completion of courses at the Advanced level prepares students for courses at the Provincial Level. Advanced-level courses may also be used as prerequisites for many other courses at Kwantlen. Completion of Advanced English will normally allow a student to succeed in the LPI test. Advanced level math is a requirement of the Adult Graduation Diploma.

## PROVINCIAL LEVEL (GRADE 12)

Completion of courses at this level prepares students for direct entry into many Kwantlen programs and courses. Provincial level English is a requirement of the Adult Graduation Diploma.

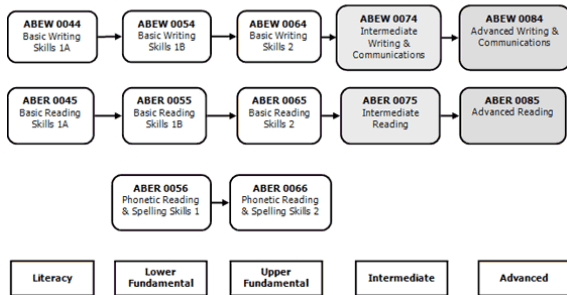
## PROVINCIALY ARTICULATED ABE COURSES

Subject	Fundamental	Intermediate	Advanced	Provincial
		Grade 10	Grade 11	Grade 12
English	see Fundamental Pathways	ABEE 0070	ABEE 0081	ABEE 0091 or ABEE 0092
Math	ABEM 0008	ABEM 0010	ABEM 0011	MATH 1112
Science		ABES 0010		ABEB 0012, PHYS 1100, and CHEM 1105

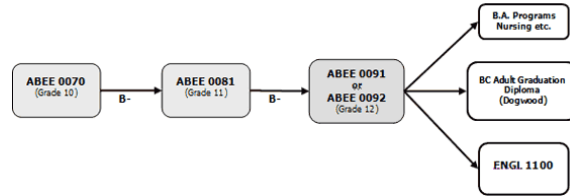
## Pathways

The following charts illustrate the pathways students can follow to achieve their goals:

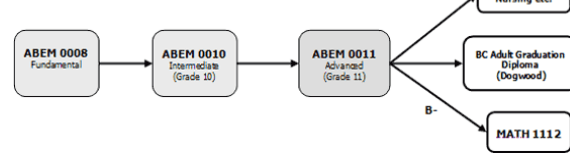
ABE Fundamental Level and Directed Studies English Pathways



ABE ENGLISH PATHWAY (High-School Equivalent)



ABE MATH PATHWAY (High-School Equivalent)



## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the university preparatory-level English Proficiency Requirement, the following program admission requirements apply.

- All applicants, except those referred by instructors, must take assessments in English and math to ensure appropriate placement in the program. Assessments are booked through Student Enrolment Services at 604.599.2000.

## CONTENT

### BC Adult Graduation Diploma

The Ministry of Advanced Education and the Ministry of Education award the BC Adult Graduation Diploma, the "Adult Dogwood", through Kwantlen Polytechnic University.

Diploma requirements available through Kwantlen are:

#### English 12 Requirement - one of:

ABEE 0091	Provincial Level English (English 12)	3 credits
ABEE 0092	Professional And Technical English 12	3 credits

#### And Math 11 Requirement:

ABEM 0011	Advanced Mathematics (Math 11)	3 credits
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#### Plus three electives at the Provincial (Grade 12) level or higher

**Note:** At least three of the five courses must be completed as an adult.

Any 1100 level Kwantlen course worth 3 credits or more may be used as an elective. Prior Learning Assessment of Grade 12 courses taken at BC Secondary Schools may be used to meet any of the requirements for the "Adult Dogwood".

For more information, see the BC Ministry of Education site [www.bced.gov.bc.ca/graduation/adult\\_graduation](http://www.bced.gov.bc.ca/graduation/adult_graduation)

## Advanced Certificate of Completion (Grade 11)

### All of:

#### English

ABEE 0081 Advanced English (Grade 11 equivalent) 3 credits

#### Math

ABEM 0011 Advanced Mathematics (Math 11) 3 credits

### Options: Any two of the following:

ABEB 0011 Advanced Science (Biology 11) 4 credits

ABEB 0012 Provincial Science (Biology 12) 4 credits

ABEP 0011 Introduction to Physics (Physics 11) 4 credits

A language at the grade 11 level or higher

## Intermediate Certificate of Completion (Grade 10)

### All of:

#### English

ABEE 0070 Intermediate English (English 10) 3 credits

#### Math

ABEM 0010 Intermediate Mathematics (Math 10) 3 credits

#### Science

ABES 0010 Intermediate Science (Science 10) 3 credits

Plus an intermediate level (grade 10 or higher) socials course.

## Fundamental Certificate of Completion

### One of:

#### English

ABEW 0064 Basic Writing Skills 2 3 credits

ABER 0065 Basic Reading Skills 2 2 credits

### All of:

#### Math

ABEM 0008 Fundamental Mathematics no credits

students may apply to the ABE Student Assistance Program (ABESAP) for funds to help cover some general expenses.

## GRADUATION

Upon successful completion of the BC Adult Graduation option, students are eligible to receive a **BC Adult Graduation Diploma**.

Upon successful completion of the Adult Basic Education option, students are eligible to receive a **Certificate of Completion in Adult Basic Education**.

## OTHER INFORMATION

### Sponsorship/Funding

ABE courses are tuition free. Some sponsorships are available from Human Resources Development Canada. In addition,

*In the event of a discrepancy between this document and the official Kwantlen 2011-12 Calendar (available at [www.kwantlen.ca/calendar/2011-12](http://www.kwantlen.ca/calendar/2011-12)), the official calendar shall be deemed correct.*

# Career Choices and Life Success: Citation

Faculty of Academic and Career Advancement	
kwantlen.ca/aca	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
University Preparation	Citation
OFFERED AT	FORMAT
Langley	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Career Choices and Life Success program is designed to assist women researching career and life options. Students gain self-knowledge through the use of career assessments and labour market knowledge by meeting prospective employers. This 16-week program highlights career search communication skills: writing resumes, creating career portfolios, job interviews and computer skills (MS office). The program also focuses on decision making and creating a plan of action. Students leave the program with defined life/career goals and a plan for success.

## STUDENT PROFILE

The students must be mature women, motivated to learn and open to new ideas.

## CAREER OPPORTUNITIES

These are exploratory programs aimed at assisting students in identifying and researching realistic career goals and helping them in developing a plan of action to achieve short and long term employment and/or educational goals.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the university preparatory-level English Proficiency Requirement, the following program admission requirements apply.

- Applicants should attend an information session and must have a personal interview with the instructor.

## CONTENT

Classes run Tuesdays, Thursdays and Fridays, 0900 to 1500.

### All of:

CCLS 0100	Self Knowledge Basis for Success	2.5 credits
CCLS 0101	Communication Skills	3 credits

CCLS 0102	Personal Management and Problem Solving	2.5 credits
CCLS 0115	Career and Education Experience	3.5 credits
CCLS 0210	Career Assessment and Research	2.5 credits
CCLS 0212	Career and Life Planning	2 credits

## OTHER INFORMATION

The Career Choices and Life Success Program is tuition free for domestic students. Although international students are welcome to participate, regular international tuition fees apply.

For more information, contact:

**Langley Campus,**  
Elly Morgan  
604.599.3431  
elly.morgan@kwantlen.ca

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Citation in Career Choices and Life Success**.



# Counselling: Bachelor of Arts Minor

Faculty of Academic and Career Advancement	
kwantlen.ca/aca	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Richmond Surrey	Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The B.A. Minor in Counselling was designed to provide students with a basic theoretical and practical understanding of the field of counselling. The Minor was structured to ensure that students will acquire undergraduate prerequisites necessary for graduate studies in Counselling at other institutions (e.g., SFU, UBC). While this degree will be of particular interest to those who wish to pursue a career in Counselling, the Minor will also be of interest to any student who is considering working in a field in which strong interpersonal skills, abilities, and insights are an asset (e.g., social work, probation, policing, teaching, business, health care).

## CAREER OPPORTUNITIES

Students who want to pursue Counselling as a profession will need a Masters degree in Counselling (MA or MEd). The Minor will provide the courses necessary for entry into such programs.

This highly marketable Minor will also benefit those who are aiming to work in Social Services, Education, and Health Care and Wellness fields.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

### Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.

- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## CONTENT

Students pursuing a Bachelor of Arts degree must complete all requirements in the Bachelor of Arts framework in addition to their major or minor program requirements.

Students must complete all of the following requirements for the Counselling Minor:

### 1000 Level

#### All of:

EDUC 1100	Introduction to Higher Education	3 credits
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### 2000 Level

#### All of:

PSYC 2350	Psychopathology	3 credits
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#### Notes:

EDUC 2220 Introduction to Educational Psychology is highly recommended and is a pre-requisite to some of the courses in the Minor.

PSYC 2350 requires completion of PSYC 1100 and PSYC 1200 with a grade of C in each course as prerequisites.

Please contact the ACA Advisor for further information.

## 3000 Level

### All of:

CNPS 3310	Theories of Counselling	3 credits
CNPS 3320	Career Counselling & Career Education	3 credits

## 4000 Level

### All of:

CNPS 4300	Counselling Relationships & Basic Skills	3 credits
CNPS 4310	The Reflective Practitioner	3 credits

## Electives

### Students must also complete one of the following courses:

CNPS 3330	Cultural Considerations in Counselling	3 credits
CNPS 4330	Group Facilitation	3 credits

## GRADUATION

Upon successful completion of the minor program, students are eligible to receive a **Minor in Counselling** as part of a Bachelor of Arts program.

# English Language Proficiency: Diploma

Faculty of Academic and Career Advancement	
kwantlen.ca/aca	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
University Preparation	Diploma
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The English Language Studies Department offers academic English classes for students of English as an additional language. This diploma program provides full or part-time intensive English language study for students whose first language is not English and who intend to enrol in university studies or career and professional programs.

There are four levels of study:

1. Foundation Level (intermediate),
2. Level 1 (upper intermediate),
3. Level 2 (lower advanced), and
4. Level 3 (advanced).

The program consists of the required courses (reading, writing, listening and speaking) plus electives. At Level 2, students may begin enrolling in limited university studies or career and professional courses.

Courses in this diploma program are also open to non-program students. Please see the ELST courses section in the online calendar for descriptions.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the university preparatory-level English Proficiency Requirement. English requirements for each level are noted below:

### Foundation Level Admission:

Admission to the Foundation Level of the ELST Diploma can be achieved through **one of** the following English proficiency requirements:

- TOEFL iBT: 32 (with writing 12; listening 6; speaking 6); or
- IELTS: 4.5 (with no sub-score less than 4.0); or
- KIST (Kwantlen speaking and listening test): 25, and Accuplacer: 78, and Kwantlen ESL writing band: 3

## Level 1 Admission:

Admission to Level 1 of the ELST Diploma can be achieved through **one of** the following English proficiency requirements:

- TOEFL iBT: 45 (with writing 15; speaking 11; listening 11); or
- IELTS: 5.0 (with no sub-score less than 4.5); or
- KIST (Kwantlen speaking and listening test): 30, and Accuplacer: 88, and Kwantlen ESL writing band: 4

## Level 2 Admission:

Admission to Level 2 of the ELST Diploma can be achieved through **one of** the following English proficiency requirements:

- TOEFL iBT: 61 (with writing 18; listening 15; speaking 15); or
- IELTS: 5.5 (with no sub-score less than 5.0); or
- KIST (Kwantlen speaking and listening test): 35, and Accuplacer: 98, and Kwantlen ESL writing band: 5

## Level 3 Admission:

Admission to Level 3 of the ELST Diploma can be achieved through **one of** the following English proficiency requirements:

- TOEFL iBT: 79 (with writing 21; listening 19; speaking 19); or
- IELTS: 6.0 (with no sub-score less than 5.5); or
- KIST (Kwantlen speaking and listening test): 40, and Accuplacer: 108, and Kwantlen ESL writing band: 6

All applicants must provide test results prior to admission so Kwantlen can confirm you are eligible to take courses at Kwantlen. Placement tests provide students with the prerequisite scores for correct placement in the program. Applicants must have the necessary prerequisites to enrol in courses.

## CONTENT

Students starting the ELST program in courses above the Foundation level should contact the Educational Advisor for the Faculty of Academic & Career Advancement for further information regarding program and graduation requirements.

Students are required to complete 60 credits according to the following program requirements:

### Foundation Level

#### All of (minimum B- grade required in each course):

ELST 0041	Foundations Level-Reading and Writing	6 credits
ELST 0043	Foundation Level-Listening and Speaking	6 credits

#### One course from the following (minimum C grade required in each course):

ELST 0061	Intermediate Pronunciation	3 credits
ELST 0064	An Introduction to Canada	3 credits

(A Citation may be obtained upon completion of these courses).

## Level 1

#### All of (minimum B- grade required in each course):

ELST 0181	English for Academic Purposes - Level 1	6 credits
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ELST 0183	Academic Listening and Speaking Skills - Level 1	6 credits
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#### One course from the following (minimum C grade required):

ELST 0061	Intermediate Pronunciation	3 credits
ELST 0064	An Introduction to Canada	3 credits
ELST 0162	Grammar I	3 credits

## Level 2

#### All of (minimum B- grade required in each course):

ELST 0281	English for Academic Purposes - Level 2	6 credits
ELST 0283	Academic Listening and Speaking Skills - Level 2	3 credits

#### Two courses from the following (minimum C grade required in each course):

One university level course		3 credits
ELST 0261	Advanced Pronunciation	3 credits
ELST 0262	Grammar II	3 credits

## Level 3

#### All of (minimum B- grade required in each course):

ELST 0381	English for Academic Purposes - Level 3	6 credits
ELST 0383	Academic Listening and Speaking Skills - Level 3	3 credits

#### Two courses from the following (minimum C grade required in each course):

Up to 2 university level courses		3 or 6 credits
ELST 0261	Advanced Pronunciation	3 credits
ELST 0262	Grammar II	3 credits

**Note:** A minimum B grade is required in each ELST 0381 and 0383 to use as prerequisites to ENGL 1100.

## GRADUATION

Upon successful completion of the program, students are eligible to receive a **Diploma in English Language Proficiency**.

Upon successful completion of the Foundation Level, students are eligible to receive a **Citation in English Language Proficiency**.

# University Qualifying Studies

Faculty of Academic and Career Advancement	
kwantlen.ca/aca	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
University Preparation	No Credential
OFFERED AT	FORMAT
Cloverdale Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The University Qualifying Studies provides students with access to courses that will assist them in:

- Completing admission requirements for other university programs
- Upgrading specific skills and knowledge in English (reading, writing, spelling, etc.), math and science

To prepare for undergraduate or vocational program admission, students should review the program admission requirements of their intended program, and use the charts below to plan their University Qualifying Studies courses.

Students without sufficient course prerequisites to register in the University Qualifying Studies courses should consider the Adult Basic Education program.

**Note:** Completion of ENGQ 1098 (with a 'C' or higher) or placement into ENGQ 1099 meets the English language proficiency requirement for open admission and some selective entry programs. Refer to your program of interest for details.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the university preparatory-level English Proficiency Requirement.

Access to University Qualifying Studies depends on individual course prerequisites; students may qualify depending on previous academic experience and/or assessment.

All applicants are recommended to take assessments in English and/or math to ensure appropriate placement in the program. Assessments are booked through the Student Enrolment Services office.

## CONTENT

### English Qualifying

Depending on their high school grades, or placement test scores, students can prepare to meet admission requirements, meet prerequisites for ENGL 1100, or upgrade their English skills by taking the appropriate qualifying English courses:

ENGQ 1096*	University Writing Workshop	1.5 credits
ENGQ 1097	Writing Skills - Focus on Sentences	3 credits
ENGQ 1098	Writing Skills - Focus on Paragraphs	3 credits
ENGQ 1099**	Writing Skills with Readings	3 credits

#### Notes:

\* It is strongly recommended that students registering in this course take ENGQ 1099 concurrently.

\*\* Obtain a minimum grade of C (60%) to meet the English proficiency requirement for university-level programs. Choose classroom based, online or partially online courses. Students who are entering with a 'C' grade in English 12 are strongly recommended to take ENGQ 1096 concurrently.

### Math Qualifying

Qualifying level math courses may be used to prepare for programs that have specific math requirements. Students who are preparing for programs that require university level math (such as MATH 1112) should take MATQ 1093. Students who are preparing for programs that do not require higher levels of math should take MATQ 1099.

Qualifying Math courses include:

MATQ 1091	Basic Mathematics	3 credits
MATQ 1092	Introductory Algebra	3 credits
MATQ 1093	Intermediate Algebra	3 credits
MATQ 1099*	Qualifying Studies Math	3 credits

#### Notes:

\* Meets math proficiency requirement for university-level programs. Choose classroom based or online courses.

### Science Qualifying

#### Biology

BIOQ 1098	Basic Mathematics	4 credits
BIOQ 1099	Introductory Algebra	4 credits

#### Chemistry

CHEQ 1094	Basic Mathematics	4 credits
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#### Physics

PHYQ 1098	Basic Mathematics	4 credits
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**Note:** See Adult Basic Education for more preparatory science courses.

## GRADUATION

These courses may be used to prepare for many Kwantlen programs.

# Faculty of Business

Welcome to the Faculty of Business.

## DEAN:

**Arthur Coren, PhD**

Phone: 604.599.3251

Email: [arthur.coren@kwantlen.ca](mailto:arthur.coren@kwantlen.ca)

## IN THIS SECTION:

You will find details of the Business programs:

- About the Faculty of Business
- Accounting: Bachelor of Business Administration
- Accounting: Diploma
- Accounting: Certificate
- Applied Business Technology: Diploma
- Business Administration: Diploma
- Business Management: Diploma
- Business Management: Certificate
- Computer Information Systems: Diploma
- Computer Information Systems: Certificate
- Economics: Bachelor of Arts Minor
- Economics: Associate of Arts Degree
- Entrepreneurial Leadership: Bachelor of Business Administration
- General Business Studies: Diploma
- General Business Studies: Certificate
- Human Resources Management: Post Baccalaureate Diploma
- Human Resources Management: Bachelor of Business Administration
- Information Technology: Bachelor of Technology
- Legal Administrative Studies: Certificate
- Marketing Management: Bachelor of Business Administration
- Marketing Management: Diploma
- Marketing: Certificate
- Public Relations: Diploma
- Liberal Education Electives for Faculty of Business

# Accounting: Bachelor of Business Administration

Faculty of Business	
<a href="http://kwantlen.ca/business">kwantlen.ca/business</a>	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time Co-op
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

The Bachelor of Business Administration (BBA) in Accounting program provides full and part-time intensive study for students wishing to earn a business degree. This degree is an appropriate goal for students who want to study beyond the diploma level. Students can enter the program in Year 1 or in Year 3 after completion of a 60 credit accounting diploma with a minimum GPA of 2.7 from a recognized post-secondary institution.

In Canada, a degree is now a mandatory prerequisite to the awarding of all accounting designations. The BBA in Accounting integrates skills and concepts of advanced accounting, business and leadership. Many degree classes are scheduled for days and evenings to allow students to further their education while maintaining current employment or to study full-time.

Some unique features of this program are:

- Third year entry which allows accounting diploma graduates to earn a degree.
- Learning partnerships with business, applied projects and assignments and ongoing work experience to ensure graduates acquire the applied skills so valued by employers.
- A program structure that allows students to proceed at the pace that their personal and professional commitments permit.
- Students qualify for a diploma in accounting after completion of the first 60 credits of core courses

## PROGRAM ADMISSION REQUIREMENTS

### Year 1 Admission:

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

**Please Note:** One post-secondary English course, equivalent to Kwantlen's ENGL 1100, is a graduation requirement for all

Kwantlen degrees. Students wishing to complete the program without having to undertake any preparatory courses must enter with English 12 with a B grade or the equivalent. Please make an appointment with an Academic Advisor to plan your course selections accordingly.

### Year 3 Admission:

Students may enter the program in Year 3 provided they have a 60-credit accounting diploma with a minimum GPA of 2.7 from a recognized post-secondary institution. Applicants with a professional designation from Certified General Accountants (CGA) or Certified Management Accountants (CMA) will qualify for advanced standing in the degree program and should meet with a Business Degree Advisor to determine their eligibility.

**Please Note:** One post-secondary English course, equivalent to Kwantlen's ENGL 1100, is a graduation requirement for all Kwantlen degrees. If English was not taken prior to admission to the third year of the degree program, students must take ENGL 1100 (or equivalent) in addition to the program requirements. This will require the completion of more than 120 credits to meet graduation requirements.

## CONTINUANCE REQUIREMENTS

For students admitted to Year 1 of the program, continuation into Year 3 requires:

- successful completion of Year 1 and 2 program requirements (minimum 60 credits)
- successful completion of ENGL 1100 and CMNS 1140
- a minimum program GPA of 2.7

## CO-OPERATIVE EDUCATION

This degree program is offered with a Co-operative Education option. Co-operative Education provides a student with paid, practical work experience that gives them an opportunity to apply the skills they are gaining through their education. Degree students can complete two work terms over an 8 month continuous placement or a combination of two separate 4-month work semesters.

Co-operative Education is optional and selective. Students wishing to choose the Co-op option must register into COOP 1101 upon approval into the degree program. If you have already taken COOP 1101, contact the Co-op Office to indicate your interest.

Students must complete a minimum of 360 hours of work per work term and students must receive satisfactory performance evaluations from their employer(s).

The Co-operative Education designation requires successful completion of the following courses:

#### Required:

COOP 1101	Job Search Techniques	1 credit
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#### And either:

COOP 3210	Co-op Work Semester 3	9 credits
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#### Or both:

COOP 3211	Co-op Work Semester 3	4.5 credits
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COOP 3212	Co-op Work Semester 3	4.5 credits
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#### And either:

COOP 4210	Co-op Work Semester 4	9 credits
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#### Or both:

COOP 4211	Co-op Work Semester 4	4.5 credits
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COOP 4212	Co-op Work Semester 4	4.5 credits
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The BBA Accounting program recommends successful completion of a minimum of 30 program credits with a minimum GPA of 2.70 prior to taking COOP 1101.

The following qualifications must be met **prior to your first work term:**

- Successful completion of COOP 1101
- Minimum GPA of 2.70 in any 5 program courses
- Instructor permission

Students completing all the requirements of a Co-operative Education program will receive a Co-operative Education designation on their credential and transcript.

## CONTENT

The degree program requires a minimum of 120 credits of required courses and electives. Students admitted to Year 3 will have already completed a minimum of 60 credits. If a first year English course was not completed prior to Year 3 entry, degree completion will require more than 120 credits in total.

The third and fourth year courses are rigorous and demanding. Students should carefully consider the time requirements of part-time versus full-time study based on their individual work and personal situations.

**Note:** Not all courses are offered at all times or on all campuses. It is important to ensure work and personal schedules can accommodate the posted schedule times prior to committing to the program. It may be necessary for students to take courses at both Surrey and Richmond campuses to complete the program.

## Accounting Degree

### YEARS 1 AND 2

#### All of Group A or all of Group B:

##### Group A

ACCT 1110	Principles of Accounting I	3 credits
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ACCT 1210	Principles of Accounting II	3 credits
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##### Group B

ACCT 2293	Introduction to Financial Accounting	3 credits
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An elective course (any course numbered 1100 or higher of 3 or more credits)

#### All of Group C or all of Group D:

##### Group C

ACCT 3310	Intermediate Financial Accounting I	3 credits
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ACCT 3410	Intermediate Accounting II	3 credits
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##### Group D

ACCT 3510	Intermediate Financial Accounting	6 credits
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## All of Group E or all of Group F:

### Group E

ACCT 3320	Introductory Management Accounting	3 credits
ACCT 3420	Advanced Management Accounting	3 credits

### Group F

ACCT 3520	Management Accounting I & II	6 credits
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## All of:

ACCT 3335	Taxation	3 credits
ACCT 3380	Managerial Finance	3 credits
ACCT 3444	Auditing	3 credits
CBSY 2205	Management Information Systems	3 credits

One other CBSY course 3 credits

CMNS 1140	Introduction to Professional Communication	3 credits
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ECON 1150	Principles of Microeconomics	3 credits
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ECON 1250	Principles of Macroeconomics	3 credits
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One course in Mathematics\* 3 credits

One course in Statistics\* 3 credits

ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
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Two courses in Business (BUSI) and/or Marketing (MRKT) 6 credits

One elective chosen from approved Faculty of Business Liberal Education Electives (3 or more credits)

### \* Notes:

- Credit will not be granted for ACCT 1110 if credit was previously granted for ACCT 2293. Credit will not be granted for both ACCT 2293 and ACCT 1210.
- ACCT 1130 or BUQU 1130 Business Mathematics are the core business math courses recommended for the program. Students may earn credits for only ONE of ACCT 1130 or BUQU 1130.
- ACCT 1230 or BUQU 1230 Business Statistics are the core business statistics courses recommended for the program. Students may earn credits for only ONE of ACCT 1230 or BUQU 1230.
- See approved Faculty of Business Liberal Education Electives. The elective may also be an ECON or CMNS course numbered 1100 or higher.
- Credit for ECON 1101 will not be granted if taken after ECON 1150 or ECON 1250.

## YEARS 3 AND 4

### Required Accounting Courses:

ACCT 4360	Computer Modeling for Managers	3 credits
ACCT 4455	Advanced Financial Accounting	3 credits

ACCT 4650	Not for Profit Financial Management	3 credits
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ACCT 4120	Financial Statement Presentation and Analysis	3 credits
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ACCT 4720	Advanced Managerial Accounting	3 credits
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ACCT 4780	Advanced Managerial Finance	3 credits
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### Required Entrepreneurial Courses

ENTR 3000	Professional Business Communications	3 credits
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ENTR 3130	Production and Operations Management	3 credits
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ENTR 3140	Entrepreneurial Marketing	3 credits
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ENTR 3160	Information Technology for Business	3 credits
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ENTR 4200	Business Strategy	3 credits
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### and one of:

ENTR 3150	Business Economics	3 credits
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ECON 2350	Intermediate Microeconomics	3 credits
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ECON 3150	Managerial Economics	3 credits
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## ADDITIONAL ACCOUNTING OR ENTREPRENEURIAL COURSES

Students are required to have three additional third or fourth year Accounting or Entrepreneurial courses (ECON 3350 or FNSR 3350 also meets this requirement). BBA Accounting students cannot take ENTR 3120 or ENTR 3170 for credit.

## LIBERAL EDUCATION COURSES

All business degrees require a minimum of 18 credits of liberal education that include:

- A first year English course (ENGL 1100 or equivalent). If this was not completed prior to BBA entry it must be completed prior to graduation.
- One 3rd or 4th year Ethics course chosen from:
  - PHIL 3033 Business Ethics OR
  - LBED 4210 Ethics and Social Issues
- Four electives chosen from the approved Faculty of Business Liberal Education Electives. NOTE: No more than 3 credits can be taken from any one of CMNS, ECON or MRKT courses found on the list of approved electives.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Bachelor of Business Administration in Accounting**.

Upon successful completion of this program with co-operative education, students are eligible to receive a **Bachelor of Business Administration in Accounting, Co-operative Education Option**.

# Accounting: Certificate

Faculty of Business	
kwantlen.ca/business	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Certificate
OFFERED AT	FORMAT
Langley Richmond Surrey	Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Certificate requirements are flexible in order to give students the opportunity to select courses that will suit their individual career objectives. Whether the objective is to obtain transfer courses for accounting associations, qualifications necessary to obtain employment in accounting or to upgrade accounting skills for promotion, students will find that the Accounting Certificate program can be adapted to their needs.

Due to prerequisite and course scheduling considerations careful course planning is required. Students should consult an Educational Advisor when considering the Accounting Certificate. (It is unlikely that the Certificate can be completed in two semesters).

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Students must complete 30 credits:

### All of Group A or all of Group B:

#### Group A

ACCT 1110 Principles of Accounting I 3 credits

ACCT 1210 Principles of Accounting II 3 credits

#### Group B

ACCT 2293 Intro. to Financial Accounting 3 credits

### All of Group C or all of Group D:

#### Group C

ACCT 3320 Introductory Management Accounting 3 credits

ACCT 3420 Advanced Management Accounting 3 credits

#### Group D

ACCT 3520 Management Accounting I & II 6 credits

### All of Group E or all of Group F:

#### Group E

ACCT 3310 Intermediate Financial Accounting I 3 credits

ACCT 3410 Intermediate Accounting II 3 credits

#### Group F

ACCT 3510 Intermediate Financial Accounting 6 credits

### One of: \*

ACCT 1130 Business Mathematics 3 credits

BUQU 1130 Business Mathematics 3 credits

MATH 1112 Pre-Calculus Algebra 3 credits

MATH 1120 Differential Calculus 3 credits

MATH 1130 Calculus for Life Sciences I 3 credits

MATH 1140 Calculus I (Business Applications) 3 credits

MATH 1190 Mathematics for Elementary School Teachers 4 credits

### Two additional courses chosen from the 3000 level of Accounting

\* **Note:** Students may earn credit for only ONE of ACCT 1130 or BUQU 1130.

The remaining courses in the certificate (to bring the total number of credits to 30) can be chosen from a wide variety of university offerings so that students can design a program of studies that meets their specific career objectives.

### FOR GRADUATION PURPOSES ONLY:

- Credit will NOT be granted for ACCT 1110 if credit was previously granted for ACCT 1210 or ACCT 2293.
- Credit will NOT be granted for both ACCT 1210 and ACCT 2293.
- Credit will NOT be granted for ACCT 1160
- A maximum of 6 credits will be granted for any combination taken of ACCT 3320 (3 credits), 3420 (3 credits) or 3520 (6 credits).
- A maximum of 6 credits will be granted for any combination taken of ACCT 3310 (3 credits), 3410 (3 credits) or 3510 (6 credits)

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Accounting**.



# Accounting: Diploma

Faculty of Business	
kwantlen.ca/business	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Accounting Diploma program prepares students for entry-level accounting positions and many of its courses can be transferred to professional accounting associations (CA, CGA, or CMA). Please consult the associations' websites for details). Students who complete the diploma with a minimum grade point average of 2.7 will meet the G.P.A. requirement for admission to year 3 of the Bachelor of Business Administration (BBA) in Accounting. Completion of the Accounting Diploma (with a minimum grade point average of 2.7 and a minimum grade of C+ in Accounting and Statistics) will also allow third year entry to the Bachelor of Business Administration degrees in Entrepreneurial Leadership, Human Resources Management, and Marketing Management.

During the program students will progress through basic accounting concepts and procedures to more advanced topics such as financial accounting, management accounting, finance, taxation and auditing. There are also courses in related subjects such as economics, computerized business systems, marketing and management. Required English and Mathematics courses ensure that students have the necessary skills in these important areas.

Due to prerequisite and course scheduling considerations, careful course planning is required. Students should consult an Educational Advisor when considering this diploma. The Accounting Diploma program is a two-year program. However, students may complete the program on a part-time basis over a longer period of time. Many evening courses are available.

## CAREER OPPORTUNITIES

There will always be a need for individuals who can provide accurate and timely financial data to managers, investors and creditors. As computers, government, inflation, unions and a shrinking world make the business environment more complex, the demand for these information professionals will grow. The Accounting programs prepare graduates for a career in this area.

Financial Managers are not restricted to any specific type of industry, management level or country. All organizations have financial information processing needs.

Future financial management careers include:

- Auditors
- Business Consultants
- Corporate Accountants
- Controllers
- Entrepreneurs
- Financial Analysts
- Financial Managers
- Financial Planners
- Forensic Accountants
- Instructors
- Internal Auditors
- Management Accountants
- Public Accountants

Graduates will find that these programs allow them to function effectively in most entry-level accounting positions. Many graduates use the program courses as exemptions toward one of the professional accounting programs (CA, CGA or CMA).

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

**Note:** A first year English course is required for graduation. Students wishing to complete the program without having to undertake any preparatory English courses will need English 12 with a B grade, or the equivalent prerequisite, for direct entry into ENGL 1100. Please make an appointment with an Educational Advisor to plan your course selections accordingly.

## CONTENT

Students must complete a minimum of 60 credits that include:

### All of Group A or all of Group B:

#### Group A

ACCT 1110	Principles of Accounting I	3 credits
ACCT 1210	Principles of Accounting II	3 credits

#### Group B

ACCT 2293	Introduction to Financial Accounting	3 credits
An elective course (any course numbered 1100 or higher)		3 credits

### All of Group C or all of Group D:

#### Group C

ACCT 3310	Intermediate Financial Accounting I	3 credits
ACCT 3410	Intermediate Accounting II	3 credits

#### Group D

ACCT 3510	Intermediate Financial Accounting	6 credits
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**All of Group E or all of Group F:****Group E**

ACCT 3320	Introductory Management Accounting	3 credits
ACCT 3420	Advanced Management Accounting	3 credits

**Group F**

ACCT 3520	Management Accounting I & II	6 credits
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**All of:**

ACCT 3335	Taxation	3 credits
ACCT 3380	Managerial Finance	3 credits
ACCT 3444	Auditing	3 credits
CBSY 2205	Management Information Systems	3 credits
One other CBSY course		3 credits
CMNS 1140	Introduction to Professional Communication	3 credits
ECON 1150	Principles of Microeconomics	3 credits
ECON 1250	Principles of Macroeconomics	3 credits
One course in Mathematics*		3 credits
One course in Statistics*		3 credits
ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
Two courses in Business (BUSI) and/or Marketing (MRKT)		6 credits
One elective chosen from approved Faculty of Business Liberal Education Electives (3 or more credits)		

**\* Notes:**

- Credit will not be granted for ACCT 1110 if credit was previously granted for ACCT 2293. Credit will not be granted for both ACCT 2293 and ACCT 1210.
- ACCT 1130 or BUQU 1130 Business Mathematics are the core business math courses recommended for the program. Students may earn credits for only ONE of ACCT 1130 or BUQU 1130.
- ACCT 1230 or BUQU 1230 Business Statistics are the core business statistics courses recommended for the program. Students may earn credits for only ONE of ACCT 1230 or BUQU 1230.
- See approved Faculty of Business Liberal Education Electives. The elective may also be an ECON or CMNS course numbered 1100 or higher.
- Credit for ECON 1101 will not be granted if taken after ECON 1150 or ECON 1250.

**RECOMMENDED COURSE PROGRESSION:**

This sequence is the suggested order in which courses can be completed. Students may wish to lessen their course load in any semester and/or take courses in a different sequence. It is possible to do so provided all prerequisite requirements are met.

For assistance with course planning please consult an Educational Advisor.

**Semester I**

ACCT 1110	Principles of Accounting I	3 credits
ACCT 1130	Business Mathematics OR BUQU 1130 - Business Mathematics	3 credits
CBSY 1105	Introduction to Microcomputer Processing	3 credits
ECON 1150	Principles of Microeconomics	3 credits
ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits

**Semester II**

ACCT 1210	Principles of Accounting II	3 credits
ACCT 1230	Business Statistics OR BUQU 1230 - Business Statistics	3 credits
CBSY 2205	Computers and Information Processing	3 credits
ECON 1250	Principles of Macroeconomics	3 credits
CMNS 1140	Introduction to Professional Communication	3 credits

**Semester III**

ACCT 3310	Intermediate Financial Accounting I	3 credits
ACCT 3320	Introductory Management Accounting II	3 credits
ACCT 3335	Taxation	3 credits
BUSI 1215	Organizational Behaviour I	3 credits
BUSI 2390	Business Law	3 credits

**Semester IV**

ACCT 3410	Intermediate Financial Accounting II	3 credits
ACCT 3420	Advanced Management Accounting	3 credits
ACCT 3380	Managerial Finance	3 credits
ACCT 3444	Auditing	3 credits

Liberal Education elective

**FOR GRADUATION PURPOSES ONLY:**

- Credit will NOT be granted for ACCT 1110 if credit has been previously granted for ACCT 1210 or ACCT 2293.
- Credit will NOT be granted for both ACCT 1210 and ACCT 2293.
- Credit will NOT be granted for ACCT 1160.
- A maximum of 6 credits will be granted for any combination taken of ACCT 3320 (3 credits), ACCT 3420 (3 credits) or ACCT 3520 (6 credits).
- A maximum of 6 credits will be granted for any combination taken of ACCT 3310 (3 credits), ACCT 3410 (3 credits) or ACCT 3510 (6 credits).

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in Accounting**.

## Applied Business Technology: Diploma

**All intakes for this program have been postponed indefinitely. Please see Legal Administrative Studies for an alternate program.**

### Faculty of Business

[kwantlen.ca/business](http://kwantlen.ca/business)

### IMPLEMENTATION DATE

01-Sep-2011

### START DATE(S)

September

### ADMISSION TYPE

Selective entry

### ENROLMENT TYPE

Open access

### PROGRAM TYPE

Undergraduate

### CREDENTIAL GRANTED

Diploma

### OFFERED AT

Surrey

### FORMAT

Full-time

### HOW TO APPLY

[www.kwantlen.ca/admission](http://www.kwantlen.ca/admission)

## DESCRIPTION

Students may exit at diploma, certificate or citation level. The two-year diploma program (which is currently under review) prepares students for advancement in office careers and/or for transfer into the third year of the Kwantlen Bachelor of Business Administration Degree in Entrepreneurial Leadership. The first year of this program is the Applied Business Technology certificate.

The first year of study provides students with excellent workplace skills of an intensive, practical nature. The curriculum provides a background in Business Communications, Bookkeeping Basics, Computer Competency, Office Dynamics, and Word Processing, as well as courses specific to the specialty option selected by each student. These options are Administrative Assistant and Legal Administrative Assistant. Students may exit the program at the certificate level with skills appropriate to the office workplace.

The ten additional courses required for the diploma will provide students with enhanced knowledge, skills, and attitudes for the various office workplaces they have chosen. They will be better prepared for advancement and for supervisory positions with enhanced communication skills and knowledge of management, organizational behaviour, marketing, microeconomics, human resource management, project management and administrative management. Students also have the opportunity to select from a group of optional courses. Not all courses are offered each semester or each campus.

## Transfer to a BBA Degree

Graduates are eligible for admission into the third year of Kwantlen's Bachelor of Business Administration Degree in Entrepreneurial Leadership.

## STUDENT PROFILE

Students who are recent high school graduates or are mature students with or without higher education. Students have a large variety of previous work experiences. Some students are seeking entry to the workforce, some are upgrading office skills, some wish for a change in career path, and others have

completed higher education and are seeking a hands-on, learning environment with a practical focus.

## CAREER OPPORTUNITIES

Graduates find employment in a wide variety of businesses, legal offices and departments. They may be considered for entry-level supervisory and office management positions in both the public and private sector.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply.

- Successful completion of the ABTY Certificate or equivalent

## CONTENT

### Core Requirements (complete all):

ABTY 2110	Administrative Management	3 credits
ABTY 2120	Project Management	3 credits
CMNS 1140	Business and Technical Communication: Theory and Application	3 credits
BUSI 1250	Human Resources Management I	3 credits
ECON 1150	Principles of Microeconomics*	3 credits
MRKT 1199	Introduction to Marketing*	3 credits
BUSI 1210	Essentials of Management *	3 credits
BUSI 1215	Organizational Behaviour I*	3 credits

### Electives (complete 3):

ACCT 1230	Business Statistics*	3 credits
ACCT 2293	Intro. to Financial Accounting*	3 credits
BUSI 2360	Union Management Relations (prerequisites are BUSI 1210 or BUSI 1215)	3 credits
BUSI 2390	Business Law	3 credits
CBSY 2305	Advanced Microcomputer Applications	3 credits
PHIL 1150	Basic Logic	3 credits
PSYC 1100	Introduction to Psychology: Basic Processes	3 credits
ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits

To be eligible for admission to the Bachelor of Business Administration in Entrepreneurial Leadership Degree, the prescribed bridging courses must be taken within the elective course choices.

\* Bridging courses required to enter the BBA degree program

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in Applied Business Technology**.

# Business Administration: Diploma

Faculty of Business	
kwantlen.ca/business	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The two year diploma in Business Administration will prepare you for an entry level management position. Courses provide basic business skills, a solid grounding in economics, and a foundation in calculus appropriate for advanced studies in economics and operations research. It offers a business diploma with a solid exposure to the liberal arts.

## Transfer to a BBA Degree

Completion of this diploma (with a minimum grade point average of 2.7 and a minimum grade of C+ in Accounting and Statistics) prepares students for third year admission to the Bachelor of business Administration degrees in Entrepreneurial Leadership, Human Resources Management, and Marketing Management.

The diploma also prepares students for the third year of the Business Administration program at Simon Fraser University (SFU). It should be noted that the completion of a Kwantlen diploma does not guarantee admission to SFU. Admission requirements are set and administered by SFU. As university GPA and admission requirements are reviewed annually, students are advised to stay current by consultation with SFU advisors.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

Please note: University level English and Math courses are a requirement of this program. Students wishing to complete the program without having to undertake any preparatory courses in these subjects will need English 12 with a minimum grade of B (or the equivalent prerequisite for direct entry into ENGL 1100) and Principles of Math 12 with a minimum grade of C+ (or equivalent prerequisite for direct entry into Math 1140).

Please make an appointment with an Educational Advisor to plan your course selections accordingly.

## CONTENT

### Required Courses

The diploma requires the following courses:

#### All of Group A or all of Group B:

##### Group A

ACCT 1110 Principles of Accounting I 3 credits

ACCT 1210 Principles of Accounting II 3 credits

##### Group B

ACCT 2293 Intro. to Financial Accounting 3 credits

#### All of Group C:

##### Group C

ACCT 3320 Introductory Management Accounting 3 credits

BUSI 1215 Organizational Behaviour I 3 credits

CBSY 2205 Management Information Systems 3 credits

ECON 1150 Principles of Microeconomics 3 credits

ECON 1250 Principles of Macroeconomics 3 credits

ECON 2350 Intermediate Microeconomics 3 credits

ENGL 1100 Writing, Reading and Thinking: An Introduction 3 credits

MATH 1140 Calculus I (Business Applications)\* 3 credits

MATH 2341 Introduction to Statistics for Business 3 credits

#### One of Group D:

##### Group D

ECON 2208 History of Economic Thought 3 credits

ECON 2210 Money and Banking 3 credits

ECON 2260 Environmental Economics 3 credits

ECON 2280 Labour Economics 3 credits

ECON 2255 Globalization in an Economic Framework 3 credits

#### One of Group E:

##### Group E

ENGL1202 Reading and Writing about Selected Topics: An Introduction to Literature 3 credits

PHIL 1100 Introduction to Philosophy 3 credits

PHIL 1110 Confronting Moral Issues: Ethics 3 credits

PHIL 1145 Critical Thinking 3 credits

\* **Note:** MATH 1120 or MATH 1130 can be substituted for MATH 1140

## Dedicated Electives

No more than three courses (including courses listed under Required Courses) from any one discipline may be applied toward this requirement.

### GROUP A - TWO OF:

- English
- Fine Arts
- History
- Humanities
- Languages
- Philosophy

### GROUP B - ONE OF:

- Anthropology
- Criminology
- Geography (excluding Physical Geography)
- Political Science
- Psychology
- Sociology

### GROUP C - ONE OF:

- Astronomy
- Biology
- Chemistry
- Computer Science
- Mathematics
- Physical Geography
- Physics

## Suggested Electives

Four additional electives must be chosen to complete the diploma. If ACCT 1110 and ACCT 1210 are taken in place of ACCT 2293, only three additional electives are required.

Note: The combination of ACCT 1110 (3 credits) and ACCT 1210 (3 credits) transfers to SFU as three (3) credits only. Students who choose this option should be aware that although they will have completed the requirements for a diploma in Business Administration at Kwantlen (60 credits), they would only have 57 transferable credits to Simon Fraser University (SFU).

When making your choice of electives, consider that the following suggested courses are prerequisites or introductions for some of the required courses within this diploma:

BUSI 1110	Fundamentals of Business in Canada	3 credits
CBSY 1105	Introductory Microcomputer Applications	3 credits
MATH 1112	Pre-Calculus Algebra	3 credits

Other business-oriented courses that provide a good foundation for more advanced courses are:

CMNS 1140	Business and Technical Communication: Theory and Application	3 credits
MRKT 1235	Small Business Essentials	3 credits
MATH 1240	Calculus II (Business Applications)	3 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in Business Administration**.

# Business Management: Certificate

Faculty of Business	
kwantlen.ca/business	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Certificate
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The one-year Business Management Certificate Program will provide you with an opportunity to expand your knowledge of business management principles and improve skills in specialized areas of interest. The 10-course program emphasizes real world business applications in key functional areas of management.

Many classes are offered in the evenings to accommodate part-time study. The program completion time may be extended up to a maximum of 10 years.

All courses required for the Business Management Certificate also count as credit towards the Business Management Diploma Program at Kwantlen. In addition, all courses may be applied for full credit toward any of the following Kwantlen Business Degrees:

- Bachelor of Business Administration in Entrepreneurial Leadership
- Bachelor of Business Administration in Human Resources Management
- Bachelor of Business Administration in Marketing Management

Most of the courses included in this program are also transferable to other universities and colleges (please refer to the BC Transfer Guide at [www.bctransferguide.ca](http://www.bctransferguide.ca) regarding the transfer status of courses to specific institutions).

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Students must take seven Business Management (BUSI) courses, ACCT 1130 or BUQU 1130, and two elective courses from the list below.

**Note:** Students may earn credits for only one of ACCT 1130 OR BUQU 1130.

## Normal Course Progression (Full-Time)

The following sample schedule will assist students who wish to complete the Business Management Certificate Program in one year. Students may choose different Business Management courses than those shown in order to meet their own specific needs—as long as at least seven BUSI courses are ultimately completed.

### SEMESTER 1

#### One of:

ACCT 1130	Business Mathematics	3 credits
BUQU 1130	Business Mathematics	3 credits

#### All of:

BUSI 1110	Fundamentals of Business in Canada	3 credits
BUSI 1210	Essentials of Management	3 credits
BUSI 1250	Human Resources Management I	3 credits
BUSI 2390	Business Law	3 credits

**Note:** Credit will be granted for only one of ACCT 1130 or BUQU 1130.

### SEMESTER 2

#### One of:

BUSI 2425	Enterprise Development and Business Planning*	3 credits
BUSI 2465	Business Negotiations	3 credits
BUSI 2490	International Business*	3 credits

#### Two electives chosen from:

ACCT 1110	Principles of Accounting I	3 credits
ACCT 1230	Business Statistics**	3 credits
BUQU 1230	Business Statistics**	3 credits
BUSI 1215	Organizational Behaviour I	3 credits
BUSI 2315	Human Relations in Organizations	3 credits
BUSI 2405	Operations Management*	3 credits
CBSY 1105	Introductory Microcomputer Applications	3 credits
CBSY 2205	Management Information Systems	3 credits
ECON 1101	Foundation of Economics***	3 credits
ECON 1150	Principles of Microeconomics	3 credits
MRKT 1199	Introduction to Marketing	3 credits

#### Notes:

\* The 30 credit prerequisite requirement for BUSI 2360, BUSI 2405, BUSI 2425, and BUSI 2490 is waived for students enrolled in the Business Management Certificate Program. Students must contact the Dean's office for waivers prior to registration.

\*\* Students may earn credits for only one of ACCT 1230 or BUQU 1230.

\*\*\* Credit for ECON 1101 will not be granted if taken after ECON 1150.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Business Management**.

# Business Management: Diploma

Faculty of Business	
kwantlen.ca/business	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The two-year Business Management Diploma will prepare you for an entry-level management position. The first year foundation courses provide an understanding of the basic skills and techniques required for effective management in today's business environment. In the second year, you will take specialized courses in organizational behaviour, negotiations, business law, production and operations management, enterprise development, business planning and international business. The program emphasizes real world business applications of key management concepts.

Classes are exciting, practical and participatory. They may include a combination of lectures, exercises, case studies, in-class assignments, projects, student presentations, group work, role-play, structured simulations, field trips and guest speakers. Many classes are offered during evenings to accommodate part-time studies.

All courses may be applied for credit toward any of the following Kwantlen Business Degrees:

- Bachelor of Business Administration (BBA) in Entrepreneurial Leadership
- Bachelor of Business Administration (BBA) in Human Resources Management
- Bachelor of Business Administration (BBA) in Marketing Management

Most of the courses included in this program are also transferable to other universities and colleges (please refer to the BC Transfer Guide at [www.bctransferguide.ca](http://www.bctransferguide.ca) regarding the transfer status of courses to specific institutions).

## Transfer to a BBA Degree

Graduates (with a CGPA of 2.7 and with a C+ or higher in Accounting and Statistics) are eligible for direct entry into the third year of Kwantlen's Bachelor of Business Administration Degree in Entrepreneurial Leadership or Bachelor of Business Administration Degree in Human Resources Management, and Bachelor of Business Administration in Marketing Management.



Courses may also transfer individually to the University of British Columbia (UBC), Simon Fraser University (SFU), the University of the Fraser Valley (UFV), the University of Victoria (UVic) and other institutions. Please refer to the BC Transfer Guide at [www.bctransferguide.ca](http://www.bctransferguide.ca) for specific transfer credit information.

## CAREER OPPORTUNITIES

Graduates find employment in entry-level management positions in both the private and public sectors, including manufacturing, service, profit, and nonprofit organizations. Some graduates become entrepreneurs and start their own businesses.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

Please note: A first year English course is a requirement of this program. Students wishing to complete the program without having to undertake any preparatory English courses will need English 12 with a B grade (or the equivalent prerequisite for direct entry into ENGL 1100). Please make an appointment with an Educational Advisor to plan your course selections.

## CONTENT

### Core Requirements

Students must take a total of 10 foundation courses in the following subject areas:

#### One of:

##### Accounting

ACCT 1110	Principles of Accounting I	3 credits
ACCT 2293	Intro. to Financial Accounting*	3 credits

#### All of:

##### Applied Communications

CMNS 1140	Introduction to Professional Communication	3 credits
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##### Business

BUSI 1110	Fundamentals of Business in Canada	3 credits
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##### Computer Business Systems

CBSY 1105	Introductory Microcomputer Applications	3 credits
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One additional CBSY course (3 credits)

##### English

ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
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##### Marketing

MRKT 1199	Introduction to Marketing	3 credits
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#### One of:

##### Economics

ECON 1101	Foundation of Economics****	3 credits
ECON 1150	Principles of Microeconomics*	3 credits

#### One of:

##### Mathematics

ACCT 1130	Business Mathematics**	3 credits
BUQU 1130	Business Mathematics**	3 credits

#### One of:

##### Statistics

ACCT 1230	Business Statistics***	3 credits
BUQU 1230	Business Statistics***	3 credits

#### Notes:

\* ACCT 2293 and ECON 1150 are recommended for students who intend to proceed into any Kwantlen BBA degree program after completing the diploma.

\*\* Students may earn credits for only one of ACCT 1130 or BUQU 1130.

\*\*\* Students may earn credits for only one of ACCT 1230 or BUQU 1230.

\*\*\*\* Credit for ECON 1101 will not be granted if taken after ECON 1150 or ECON 1250.

## Business Management Requirements

In addition to the core requirements, Business Management Diploma students are required to take the following eight business courses:

#### All of:

BUSI 1210	Essentials of Management	3 credits
BUSI 1215	Organizational Behaviour I	3 credits
BUSI 1250	Human Resources Management I	3 credits
BUSI 2390	Business Law	3 credits
BUSI 2405	Operations Management	3 credits
BUSI 2425	Enterprise Development and Business Planning	3 credits
BUSI 2465	Business Negotiations	3 credits
BUSI 2490	International Business	3 credits

## Electives

The remaining two courses are electives. Students must select two courses from either the list of approved Faculty of Business Liberal Education Electives or from the list of Economics and/or Applied Communications courses numbered 1100 or higher.

**Note:** Credit for ECON 1101 will not be granted if taken after ECON 1150 or ECON 1250.

## Normal Course Progression (Full-Time)

The following sample course schedule is designed for students who wish to complete the Business Management Diploma Program in two years. Although this schedule is highly

recommended, course registration is subject to availability. Students may choose to take some courses out of sequence and create alternate timetables that still meet the diploma requirements.

#### Semester 1

BUSI 1110	Fundamentals of Business in Canada	3 credits
CBSY 1105	Introductory Microcomputer Applications	3 credits
MRKT 1199	Introduction to Marketing	3 credits
ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
ACCT 2293	Introduction to Financial Accounting	3 credits

#### Semester 2

BUSI 1210	Essentials of Management	3 credits
BUSI 1250	Human Resources Management I	3 credits
CMNS 1140	Business and Technical Communication: Theory and Application	3 credits
ACCT 1130	Business Mathematics OR BUQU 1130 - Business Mathematics (see note above under Core Requirements)	3 credits
ECON 1150	Principles of Microeconomics	3 credits

#### Semester 3

BUSI 1215	Organizational Behaviour I	3 credits
BUSI 2390	Business Law	3 credits
CBSY 2205	Management Information Systems	3 credits
ACCT 1230	Business Statistics or BUQU 1230 - Business Statistics (see note above under Core Requirements)	3 credits

One Liberal Education elective (minimum 3 credits)

#### Semester 4

BUSI 2405	Operations Management	3 credits
BUSI 2425	Enterprise Development and Business Planning	3 credits
BUSI 2465	Business Negotiations	3 credits
BUSI 2490	International Business	3 credits

One Liberal Education elective (minimum 3 credits)

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in Business Management**.

### For Graduation purposes only:

- credit will NOT be granted for ACCT 1110 if credit has been previously granted for ACCT 1210 or ACCT 2293
- credit will NOT be granted for both ACCT 1210 and ACCT 2293

# Computer Information Systems: Certificate

<b>Faculty of Business</b>	
kwantlen.ca/business	
<b>IMPLEMENTATION DATE</b>	<b>START DATE(S)</b>
01-Sep-2011	September
<b>ADMISSION TYPE</b>	<b>ENROLMENT TYPE</b>
Open admission	Limited enrolment
<b>PROGRAM TYPE</b>	<b>CREDENTIAL GRANTED</b>
Undergraduate	Certificate
<b>OFFERED AT</b>	<b>FORMAT</b>
Surrey	Full-time
<b>HOW TO APPLY</b>	
www.kwantlen.ca/admission	

## DESCRIPTION

The Computer Information Systems Certificate (CISY) offers a unique practitioner-oriented approach to systems support and software development. Computer Information Systems courses are offered by the Computing Sciences and Information Systems department. All courses required for the certificate can also count as credit towards the General Business Diploma which can then be used to gain entry to any of the following Kwantlen degrees:

- Bachelor of Technology in Information Technology
- Bachelor of Business Administration in Entrepreneurial Leadership
- Bachelor of Business Administration in Human Resources Management
- Bachelor of Administration in Marketing Management

## Transfer to the Bachelor of Technology Degree

Upon completion of the Computer Information Systems Certificate (CISY) program, students are encouraged to pursue the Bachelor of Technology in Information Technology (BTECH) degree program to strengthen their IT skills, and broaden their career options. The BTECH program can be completed on a full-time or part-time basis. Courses are scheduled at times that try to accommodate the needs of students who work during the day. Students interested in the BTECH should consult a School of Business Advisor for course planning assistance.

Graduates of the CISY certificate program can meet BTECH degree entry requirements with the completion of an additional 30 credits (total 60 credits) of coursework that includes:

- CISY 2314 Database Management Systems (3 credits) PLUS
- Nine additional courses from ANY discipline (27 credits).  
Note: ENGL 1100 Writing, Reading and Thinking: An Introduction (3 credits) is strongly recommended as one of the nine courses
- A minimum GPA of 2.7

With proper course planning, CISY certificate students may also complete the requirements of the 60 credit General Business Diploma. It is recommended that CISY students work in conjunction with a School of Business Advisor for course planning assistance.

## CAREER OPPORTUNITIES

Graduates of the Computer Information Systems Certificate Program may find employment in the following areas:

- Systems and user support
- Systems analysis and design
- Software development
- Web design and development

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Students admitted to this program must commit to a full-time schedule as follows (all courses are mandatory):

### Fall Semester (all of):

CISY 1105	PC Hardware and Applications	3 credits
CISY 1113	Principles of Program Structure and Design	3 credits
CISY 1212	Systems Analysis and Design	3 credits
CMNS 1140	Introduction to Professional Communication	3 credits

### One of:

ACCT 1230	Business Statistics*	3 credits
BUQU 1230	Business Statistics*	3 credits

### Spring Semester (all of):

CISY 1213	Operating Systems Principles and Applications	3 credits
CISY 1215	Enterprise Networking	3 credits
CISY 1218	Internet Application Development	3 credits
CISY 2411	GUI and Object-Oriented Programming	3 credits
BUSI 1215	Organizational Behaviour I	3 credits

### Notes:

\* Students may earn credits for only one of ACCT 1230 or BUQU 1230.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Computer Information Systems**.

# Computer Information Systems: Diploma

**Intake for this diploma program has been postponed indefinitely.**

## Faculty of Business

[kwantlen.ca/business](http://kwantlen.ca/business)

IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time Co-op
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

This program provides graduates with diverse computing knowledge to meet the needs of organizations of all sizes.

This program has been accredited by the Canadian Information Processing Society's (CIPS) College Program Accreditation Council (CPAC). The CPAC works with academic institutions to ensure that educational programs prepare students for the demands of the information systems profession. Completion of accredited programs assists graduates in pursuing the Information Systems Professional of Canada (ISP) designation. More information about CIPS and the professional certification program can be obtained at [www.cips.ca](http://www.cips.ca) or 416.861.2477.

Approximately 22 hours per week is spent in classroom and laboratory settings. Students should expect to invest a minimum of an additional 30 hours per week completing assignments and projects. Students are encouraged to fully investigate workload issues before attempting to maintain any level of part-time employment outside of their studies.

## Transfer to a Degree Program

Kwantlen students who complete the prescribed courses in the Computer Information Systems Diploma program with a GPA of 2.7 or better will be eligible to enter the third year of the BTech (IT) Degree program. For more information see Information Technology (INFO).

An articulation agreement with the University of Lethbridge allows the graduating students of the Cisy diploma program to complete post-diploma BSc in Computer Science in two additional years. Transfer credit to other post-secondary educational institutes will be reviewed on an individual course basis.

## CAREER OPPORTUNITIES

A graduate of this program may find employment in the following areas:

- Network administration
- Systems and user support
- Database design and management
- Systems analysis and design
- Software development
- Software quality assurance and testing
- Web design and development
- Technical documentation

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

**Note:** A first year undergraduate-level English course is a graduation requirement, therefore students wishing to complete the program without having to undertake any preparatory courses must enter with English 12—B (or equivalent), and Math 11—C+ (or equivalent).

It is expected that applicants to the program have aptitude for working with computers, understand general computing concepts, have basic computer skills and working knowledge of the Windows environment. It is recommended you make an appointment with an Academic Advisor to plan your course selections accordingly.

## CO-OPERATIVE EDUCATION

This diploma program is offered with a Co-operative Education option. Co-operative Education provides a student with paid, practical work experience that gives them an opportunity to apply the skills they are gaining through their education. Diploma students can complete two separate 4-month work semesters.

Co-operative Education is optional and selective. Students wishing to choose the Co-op option must register into COOP 1101 in conjunction with their first academic term courses. Prerequisites for the first Co-op work term (COOP 1110) are permission of the instructor as well as the completion of COOP 1101 and first year courses with a minimum grade point average.

Students must complete a minimum of 360 hours of work per work term and students must receive satisfactory performance evaluations from their employer(s).

The Co-operative Education designation requires successful completion of the following courses:

### All of:

COOP 1101	Job Search Techniques	1 credit
COOP 2101	Leadership and the Job Search	1 credit
COOP 2301	Career Search	1 credit

### And either:

COOP 1110	Co-op Work Semester 1	9 credits
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### Or both:

COOP 1111	Co-op Work Semester 1	4.5 credits
COOP 1112	Co-op Work Semester 1	4.5 credits

**And either:**

COOP 2110	Co-op Work Semester 2	9 credits
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**Or both:**

COOP 2111	Co-op Work Semester 2	4.5 credits
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COOP 2112	Co-op Work Semester 2	4.5 credits
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Students applying for Co-operative Education must complete all prescribed courses with a cumulative GPA of at least 2.33 (C+), with no grade below a C in all required courses to progress to subsequent semesters.

The following qualifications must be met **prior to your first work term**:

- COOP 1101
- permission of the instructor
- completion of first year courses with a minimum 2.33 grade point average.

**Note:** Students completing all required courses for Co-op mode are exempt from CISY 2415 Computer Project.

Students completing all the requirements of a Co-operative Education program will receive a Co-operative Education designation on their credential and transcript.

## CONTENT

Students must complete all courses listed in Group A and three courses from Group B. All courses are not offered at all times or on all campuses. It is important to ensure work and personal schedules can accommodate the posted schedule times prior to committing to the program.

### Group A

**All of:****Semester 1 - Fall**

CISY 1105	PC Hardware and Applications	3 credits
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CISY 1113	Principles of Program Structure and Design	3 credits
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CISY 1212	Systems Analysis and Design	3 credits
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ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
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PHIL 1150	Basic Logic	3 credits
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**Semester 2 - Spring**

CISY 1213	Operating Systems Principles and Applications	3 credits
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CISY 1215	Enterprise Networking	3 credits
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CISY 1218	Internet Application Development	3 credits
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CISY 1220	Foundations in Applied Computing	3 credits
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CISY 2311	C/C++ Programming	3 credits
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CISY 2312	Systems Development Methodologies	3 credits
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**Semester 3 - Summer**

No courses (except for Co-op students) in Semester 3

**Semester 4 - Fall**

CISY 2313	Data Communications	3 credits
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CISY 2314	Database Management System	3 credits
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CISY 2411	GUI and Object-Oriented Programming	3 credits
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CISY 2413	Object-Oriented Software Engineering	3 credits
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CMNS 1140	Business and Technical Communication: Theory and Application	3 credits
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**Semester 5 - Spring**

CISY 2415	Computer Project (Note: Students completing all required courses for Co-op mode are exempt from this course)	3 credits
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**Semester 6 - Summer**

CISY 2315	Data Structure	3 credits
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CISY 2412	Emerging Technologies	3 credits
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CISY 2414	Management of Information Systems	3 credits
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### Group B

**All of:**

BUSI 1215	Organizational Behaviour I	3 credits
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**Two of:**

ACCT 1230	Business Statistics or BUQU 1230 Business Statistics1	3 credits
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ACCT 2293	Introductory Financial Accounting	3 credits
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ACCT 3320	Introductory Management Accounting	3 credits
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Any undergraduate level ECON (one course)	3 credits
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Any undergraduate level MRKT (one course)	3 credits
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**Note:** Students may earn credits for only one of ACCT 1230 or BUQU 1230.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in Computer Information Systems**.

Upon successful completion of this program with co-operative education, students are eligible to receive a **Diploma in Computer Information Systems, Co-operative Education Option**.

# Economics: Associate of Arts Degree

Faculty of Business	
kwantlen.ca/business	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of Economics.

This program of study is recommended for students interested in pursuing a career in economics or finance and is designed to provide the foundations required for upper level courses.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

**Note:** Since both economics and finance require a fair amount of mathematical ability, there is a calculus recommendation. For students wishing to complete the program without having to undertake any preparatory courses or additional courses it is recommended students have credit for Principles of Math 12, or equivalent, with a minimum grade of C+ or better, to satisfy Math pre-requisites.

## CONTENT

Within the framework of the Associate of Arts degree, you must complete at least 60 credits with a minimum grade of C in each course including the following:

### All of:

ECON 1150	Principles of Microeconomics	3 credits
ECON 1250	Principles of Macroeconomics	3 credits
ECON 2210	Money & Banking	3 credits
ECON 2350	Intermediate Microeconomics	3 credits

POLI 1125	Introduction to Political Science	3 credits
POLI 2150	International Political Science	3 credits
SOCI 1125	Introduction to Sociology	3 credits
SOCI 2260	Research Methods in Sociology	3 credits

### One of:

ECON 2255	Globalization in an Economic Framework	3 credits
ECON 2260	Environmental Economics	3 credits
ECON 2280	Labour Economics	3 credits

### One of:

MATH 1120	Differential Calculus	3 credits
MATH 1130	Calculus for Life Sciences 1	3 credits
MATH 1140	Calculus 1 (Business Applications)	3 credits

### One of:

ACCT 1230	Business Statistics	3 credits
MATH 2315	Probability and Statistics	3 credits
MATH 2341	Introduction to Statistics for Business	3 credits
PSYC 2300	Applied Statistics	3 credits

### One of:

PHIL 1145	Critical Thinking	3 credits
PHIL 1150	Basic Logic	3 credits
PHIL 1155	Scientific Reasoning	3 credits

Students intending on pursuing a Major or Minor in Economics are encouraged to take a second course in calculus and a course in linear algebra. Those pursuing a degree in Finance should also take Introduction to Financial Accounting.

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Arts Degree in Economics**.

# Economics: Bachelor of Arts Minor

Faculty of Business	
kwantlen.ca/business	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Economics students begin their first year of studies with courses that provide a foundation in microeconomics and macroeconomics principles. In their second year, students will build on their foundation of economic principles and take two additional economics courses that will broaden their knowledge. Students will be able to select from a number of theory and field courses. Third and fourth year courses will offer specialized topics to provide students with a broad understanding of the discipline.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

### Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who

can demonstrate competency in a second language may request an assessment to have this requirement waived.

## Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## CONTENT

Students pursuing a Bachelor of Arts degree must complete all requirements in the Bachelor of Arts framework in addition to their major or minor program requirements.

### Core Requirements

ECON 1150	Principles of Microeconomics	3 credits
ECON 1250	Principles of Macroeconomics	3 credits

### 1000-2000 Level

**Students will be required to take six more credits in Economics from the courses listed below as well as meet BA entrance requirements in order to apply for the BA Minor in Economics.**

ECON 1110	Making Economic Sense of Life	3 credits
ECON 2210	Money and Banking	3 credits
ECON 2255	Globalization in an Economic Framework	3 credits
ECON 2260	Environmental Economics	3 credits
ECON 2280	Labour Economics	3 credits
ECON 2350	Intermediate Microeconomics	3 credits

## 3000-4000 Level

Students will be required to take the fifteen credits in Economics from the courses listed below. Students will be required to take a maximum of twelve credits at the 3000 level and at least three credits at the 4000 level.

ECON 3100	Economics and Sustainability	3 credits
ECON 3150	Managerial Economics	3 credits
ECON 3211	Economic History of Canada	3 credits
ECON 3251	Women and the Economy	3 credits
ECON 3270	Industrial Organization	3 credits
ECON 3333	Introductory Econometrics	3 credits
ECON 3350	Intermediate Microeconomics II	3 credits
ECON 3362	Natural Resource Economics	3 credits
ECON 3450	Intermediate Macroeconomics	3 credits
ECON 3451	Macroeconomic Policy I	3 credits
ECON 3455	International Economics	3 credits
ECON 3555	Economic Development	3 credits
ECON 4451	Macroeconomic Policy II	3 credits
ECON 4700	The Economics of Crime	3 credits

## GRADUATION

Upon successful completion of the minor program, students are eligible to receive a **Minor in Economics** as part of a Bachelor of Arts program.

# Entrepreneurial Leadership: Bachelor of Business Administration

Faculty of Business	
<a href="http://kwantlen.ca/business">kwantlen.ca/business</a>	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time Co-op
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

The Bachelor of Business Administration (BBA) in Entrepreneurial Leadership program provides full-time and part-time intensive study for students wishing to earn a business degree.

Based on extensive consultations with business leaders, this degree is designed for managers and entrepreneurs who intend to take business leadership roles or start their own businesses. Graduates will be engaged in enterprise development and management and leadership in small and medium-sized business.

This degree is an appropriate goal for students who want to study beyond a diploma or their initial two years of post-secondary education. Students enter the program in Year 1 or in Year 3 after successfully completing a 60 credit business diploma or 60 credits of study at a post-secondary institution, with appropriate bridging courses.

Many degree classes are scheduled after 4:00 p.m. and in the evening to allow students to further their education while maintaining current employment.

Students acquire the following:

- Technical business skills through subject specific studies
- General success skills through essential skills studies
- A better understanding of human society and how to contribute to it through liberal education studies

Some unique features of this program are:

- Practicum, learning partnerships with business, applied projects and assignments and ongoing work experience
- Entry points that allow for the transfer of credits from recognized post-secondary programs
- Focus on management of small to medium sized businesses, entrepreneurial management and management of service sector enterprises
- Exit/re-entry flexibility, where a student can complete the program at their own pace. This allows for changing outside-



- of-school time requirements and does not lock a student into a rigid program structure and time-frame
- Professional development for individuals seeking higher level training
- Students can qualify for a diploma in General Business Studies after completion of the first 60 credits of core courses

- CBSY 1105 Introductory Microcomputer Applications (or CBSY 2205 Computers and Information Processing) with a minimum grade of C

## CAREER OPPORTUNITIES

Depending upon their capabilities and experience, a graduate may be able to attain advancement with their current employer, develop their own business enterprise, or fill a variety of management and leadership positions in small and medium-sized businesses.

## PROGRAM ADMISSION REQUIREMENTS

### Year 1 Admission:

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

**Please Note:** One post-secondary English course, equivalent to Kwantlen's ENGL 1100, is a graduation requirement for all Kwantlen degrees. Students wishing to complete the program without having to undertake any preparatory courses must enter with English 12 with a B grade or the equivalent. Please make an appointment with an Academic Advisor to plan your course selections accordingly.

### Year 3 Admission

Students may enter the program in Year 3 provided they have ONE of the following:

1. Completion of a business-related diploma from a recognized post-secondary institution, with:
  - a minimum of 60 credits
  - a cumulative GPA of 2.7 or higher; and
  - a minimum grade of C+ in Accounting and Statistics

OR

2. Completion of 60 transferable credits at the undergraduate level from a recognized post-secondary institution, including:
  - a minimum cumulative GPA of 2.7; and
  - a minimum grade of C+ in Accounting and Statistics
  - the following six required bridging courses or transferable equivalents:
    - ACCT 1230 - Business Statistics (or BUQU 1230) with a minimum grade of C+.
    - Note: Students may earn credit for only one of ACCT 1230 or BUQU 1230.
    - ACCT 2293 - Introductory Financial Accounting (or ACCT 1110 and ACCT 1210) with a minimum grade of C+
    - ECON 1150 Principles of Microeconomics with a minimum grade of C
    - MRKT 1199 Introduction to Marketing with a minimum grade of C
    - BUSI 1210 Essentials of Management (or BUSI 1215 Organizational Behavior I) with a minimum grade of C

## CONTINUANCE REQUIREMENTS

For students admitted to Year 1 of the program, continuation into Year 3 requires:

- Successful completion of Year 1 and Year 2 program requirements (minimum 60 credits)
- Successful completion of ENGL 1100 and CMNS 1140
- A minimum grade of C+ in Accounting and Statistics
- A minimum program GPA of 2.7

## CO-OPERATIVE EDUCATION

This degree program is offered with a Co-operative Education option. Co-operative Education provides a student with paid, practical work experience that gives them an opportunity to apply the skills they are gaining through their education. Degree students can complete two work terms over an 8 month continuous placement or a combination of two separate 4-month work semesters.

Co-operative Education is optional and selective. Students wishing to choose the Co-op option must register into COOP 1101 upon approval into the degree program. If you have already taken COOP 1101, contact the Co-op Office to indicate your interest.

Students must complete a minimum of 360 hours of work per work term and students must receive satisfactory performance evaluations from their employer(s).

The Co-operative Education designation requires successful completion of the following courses:

### Required:

COOP 1101	Job Search Techniques	1 credit
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### And either:

COOP 3210	Co-op Work Semester 3	9 credits
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### Or both:

COOP 3211	Co-op Work Semester 3	4.5 credits
COOP 3212	Co-op Work Semester 3	4.5 credits

### And either:

COOP 4210	Co-op Work Semester 4	9 credits
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### Or both:

COOP 4211	Co-op Work Semester 4	4.5 credits
COOP 4212	Co-op Work Semester 4	4.5 credits

The BBA Entrepreneurial Leadership program recommends successful completion of a minimum of 30 program credits with a minimum GPA of 2.70 prior to taking COOP 1101.

The following qualifications must be met prior to your first work term:

- Successful completion of COOP 1101
- Instructor permission
- Minimum GPA of 2.70 in any 5 program courses

Students completing all the requirements of a Co-operative Education program will receive a Co-operative Education designation on their credential and transcript.

## CONTENT

The degree program requires a minimum of 120 credits of required courses and electives. Students admitted to Year 3 will have already completed a minimum of 60 credits. If a first year English course was not completed prior to Year 3 entry, degree completion will require more than 120 credits in total. The third and fourth year courses are rigorous and demanding. Students should carefully consider the time requirements of part-time versus full-time study based on their individual work and personal situations.

**Note:** Not all courses are offered at all times or on all campuses. It is important to ensure work and personal schedules can accommodate the posted schedule times prior to committing to the program. It may be necessary for students to take courses at both Surrey and Richmond campuses to complete the program.

### Year 1

#### One of:

ACCT 1130	Business Mathematics*	3 credits
BUQU 1130	Business Mathematics*	3 credits

#### One of:

ACCT 1230	Business Statistics**	3 credits
BUQU 1230	Business Statistics**	3 credits

#### One of:

BUSI 1210	Essentials of Management	3 credits
BUSI 1215	Organizational Behaviour	3 credits

#### One of:

CPSC 1100	Introduction to Computer Literacy	3 credits
CBSY 1105	Introductory Microcomputer Applications	3 credits

#### All of:

ACCT 2293	Introduction to Financial Accounting	3 credits
BUSI 1110	Fundamentals of Business	3 credits
CMNS 1140	Introduction to Professional Communication	3 credits
ECON 1150	Principles of Microeconomics	3 credits
ENGL 1100	Writing, Reading & Thinking: An Introduction	3 credits
MRKT 1199	Introduction to Marketing	3 credits

#### Notes:

\* Students may earn credit for only one of ACCT 1130 or BUQU 1130

\*\*Students may earn credit for only one of ACCT 1230 or BUQU 1230.

### Year 2

#### All of:

ECON 1250	Principles of Macroeconomics	3 credits
BUSI 2390	Business Law	3 credits
ACCT 3320	Introductory Management Accounting*	3 credits
CBSY 2205	Management Information Systems	3 credits

An elective (this can be any course numbered 1100 or higher) with a minimum of 3 credits

#### One of:

MRKT 1299	Consumer Behaviour	3 credits
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An elective selected from the list of approved Faculty of Business Liberal Education Electives with a minimum of 3 credits

An Economics course numbered 1100 or higher\*\*with a minimum of 3 credits

An Applied Communications course numbered 1100 or higher with a minimum of 3 credits

#### Four courses numbered 2000 or higher selected from the following subject areas:

Accounting (ACCT) minimum of 3 credits

Business Management (BUSI) minimum of 3 credits

Computer Business Systems (CBSY) minimum of 3 credits

Economics (ECON) minimum of 3 credits

Marketing (MRKT) minimum of 3 credits

#### Note:

\* Students who are admitted to the BBA program in Year 1 and take ACCT 3320 may not take ENTR 3120 for further credit. They may take an elective instead of ENTR 3120 in Year 3.

\*\* Credit for ECON 1101 will not be granted if taken after ECON 1150 or ECON 1250

### Year 3

#### All of:

ENTR 3000	Professional Business Communications	3 credits
ENTR 3110	Advanced Organizational Behaviour	3 credits
ENTR 3120	Managerial Accounting*	3 credits
ENTR 3130	Production and Operations Management	3 credits
ENTR 3140	Entrepreneurial Marketing	3 credits
ENTR 3160	Information Technology for Business	3 credits

#### One of:

ENTR 3150	Business Economics	3 credits
ECON 3150	Managerial Economics	3 credits

### One of:

ENTR 3170	Entrepreneurial Finance	3 credits
ACCT 3380	Managerial Finance	3 credits

### Note:

Students who are admitted to the BBA program in Year 1 and take ACCT 3320 may not take ENTR 3120 for further credit. They may take an elective instead of ENTR 3120 in Year 3.

## Year 4

### All of:

ENTR 4110	Business Leadership	3 credits
ENTR 4120	Human Resource Management	3 credits
ENTR 4140	Entrepreneurial Sales and Customer Service*	3 credits
ENTR 4200	Business Strategy	3 credits
ENTR 4250	Entrepreneurial Leadership Practicum**	6 credits
ENTR 4300	Entrepreneurial Management for Service Companies	3 credits

### Notes:

\* Students are required to participate in an actual sales project that counts towards their graded assessment.

\*\* Students are required to participate in an actual business launch project that counts towards their graded assessment.

## Liberal Education Courses

All business degrees require a minimum of 18 credits of liberal education that include:

- A first year English course (ENGL 1100 or equivalent). If this was not completed prior to BBA entry it must be completed prior to graduation.
- One 3rd or 4th year Ethics course chosen from:
  - PHIL 3033 Business Ethics OR
  - LBED 4210 Ethics and Social Issues
- Four electives chosen from the list of approved Faculty of Business Liberal Education Electives. **Note:** No more than 3 credits can be taken from any one of CMNS, ECON or MRKT courses found on the list of approved electives.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Bachelor of Business Administration in Entrepreneurial Leadership**.

Upon successful completion of this program with co-operative education, students are eligible to receive a **Bachelor of Business Administration in Entrepreneurial Leadership, Co-operative Education Option**.

# General Business Studies: Certificate

Faculty of Business	
kwantlen.ca/business	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Certificate
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The one-year General Business Studies Certificate Program is designed to provide you with a broad range of fundamental business skills and an understanding of the business environment. Many classes are offered in the evening to accommodate part-time studies. All of the certificate courses can be applied towards the General Business Studies diploma program or the following Kwantlen business degrees:

- Bachelor of Business Administration (BBA) in Entrepreneurial Leadership
- Bachelor of Business Administration (BBA) in Human Resource Management
- Bachelor of Business Administration (BBA) in Marketing Management

Most of the courses included in this program are also transferable to other universities and colleges (please refer to the BC Transfer Guide at [www.bctransferguide.ca](http://www.bctransferguide.ca) regarding the transfer status of courses to specific institutions).

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

**Note:** Students wishing to complete the program without having to undertake any preparatory courses must enter with English 12 with a B grade or better, or equivalent.

## CONTENT

Students must take a total of nine foundation courses and one elective:

### One of:

#### Accounting\*

ACCT 1110	Principles of Accounting I	3 credits
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ACCT 2293 Intro. to Financial Accounting 3 credits

**One of:**

**Business\***

BUSI 1110 Fundamentals of Business in Canada 3 credits

BUSI 1215 Organizational Behaviour I 3 credits

**One of:**

**Economics\***

ECON 1101 Foundation of Economics 3 credits

ECON 1150 Principles of Microeconomics 3 credits

**One of:**

**Mathematics**

ACCT 1130 Business Mathematics\*\* 3 credits

BUQU 1130 Business Mathematics\*\* 3 credits

**One of:**

**Applied Communications / English**

CMNS 1140 Introduction to Professional Communication 3 credits

ENGL 1100 Writing, Reading and Thinking: An Introduction\* 3 credits

**One of:**

**Statistics**

ACCT 1230 Business Statistics\*\*\* 3 credits

BUQU 1230 Business Statistics\*\*\* 3 credits

**All of:**

**Computer Business Systems**

CBSY 1105 Introductory Microcomputer Applications 3 credits

One additional CBSY course

**Marketing**

MRKT 1199 Introduction to Marketing 3 credits

**Electives**

One elective from any of the above disciplines

**Notes:**

\* ACCT 2293, BUSI 1215, ECON 1150 and ENGL 1100 are recommended for students who intend to pursue both a diploma and BBA degree at Kwantlen in future.

\*\* Students may earn credits for only one of ACCT 1130 or BUQU 1130.

\*\*\* Students may earn credits for only one of ACCT 1230 or BUQU 1230.

## Typical Course Progression (Full-Time)

This sample schedule will assist students who wish to complete the General Business Studies Certificate Program in one year. Although this schedule is highly recommended, course registration is subject to availability. Students may choose to take

some courses out of sequence and create alternate timetables that still meet the certificate requirements.

**Semester 1**

BUSI 1215 Organizational Behaviour 3 credits

CBSY 1105 Introductory Microcomputer Applications 3 credits

ENGL 1100 Writing, Reading and Thinking: An Introduction 3 credits

ECON 1150 Principles of Microeconomics 3 credits

ACCT 1130 or BUQU 1130 Business Mathematics 3 credits

**Semester 2**

ACCT 1230 or BUQU 1230 Business Statistics 3 credits

CBSY 2205 Management Information Systems 3 credits

MRKT 1199 Introduction to Marketing 3 credits

ACCT 2293 Intro. to Financial Accounting 3 credits

One Elective

## For Graduation Purposes only:

- credit will NOT be granted for ACCT 1110 if credit was previously granted for ACCT 2293
- credit will NOT be granted for both ACCT 2293 and ACCT 1210

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in General Business Studies**.

# General Business Studies: Diploma

Faculty of Business	
kwantlen.ca/business	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The two-year General Business Studies Diploma is a flexible diploma option, allowing you to select a variety of business courses once you have fulfilled the core requirements of the program. Graduates of this program (with a minimum grade point average of 2.7 and a C+ or higher in Accounting and Statistics) are eligible for direct entry into the third year of Kwantlen's Bachelor of Business Administration degrees in Entrepreneurial Leadership, Human Resources, and Marketing Management. With proper course planning, CISY certificate students may also complete the requirements of the General Business Studies diploma and gain entry to year 3 of the Bachelor of Technology in Information Technology program.

Many classes are offered in the evening to accommodate part-time studies.

Most of the courses included in this program are also transferable to other universities and colleges (please refer to the BC Transfer Guide at [www.bctransferguide.ca](http://www.bctransferguide.ca) regarding the transfer status of courses to specific institutions).

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

**Please note:** A first year English course is required. Students wishing to complete the program without having to undertake any preparatory English courses will need English 12 with a B grade (or the equivalent prerequisite for direct entry into ENGL 1100). Please make an appointment with an Educational Advisor to plan your course selections.

## CONTENT

### Core Requirements:

Students must take a total of 10 foundation courses in the following subject areas:

#### One of:

##### Accounting\*

ACCT 1110	Principles of Accounting I	3 credits
ACCT 2293	Intro. to Financial Accounting	3 credits

#### One of:

##### Business\*

BUSI 1110	Fundamentals of Business in Canada	3 credits
BUSI 1215	Organizational Behaviour I	3 credits

#### One of:

##### Economics\*

ECON 1101	Foundation of Economics	3 credits
ECON 1150	Principles of Microeconomics	3 credits

#### One course in Mathematics:

**ACCT 1130 or BUQU 1130 Business Mathematics are the core business mathematics courses recommended for the program.**

ACCT 1130	Business Mathematics**	3 credits
BUQU 1130	Business Mathematics**	3 credits

#### One course in Statistics:

**ACCT 1230 or BUQU 1230 Business Statistics are the core business statistics courses recommended for the program.**

ACCT 1230	Business Statistics***	3 credits
BUQU 1230	Business Statistics***	3 credits

#### Two courses in Computing:

##### Two Computer Business Systems courses:

CBSY 1105	Introductory Microcomputer Applications	3 credits
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One additional CBSY course

##### OR two Computer Information Systems courses:

CISY 1105	PC Hardware and Applications	3 credits
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One additional CISY course

#### All of:

##### Applied Communications

CMNS 1140	Introduction to Professional Communication	3 credits
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##### English

ENGL 1100	Writing, Reading and Thinking: An Introduction*	3 credits
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## Marketing

MRKT 1199 Introduction to Marketing 3 credits

### Notes:

\* ACCT 2293, BUSI 1215, and ECON 1150 are recommended for students who intend to pursue both a diploma and BBA degree at Kwantlen in future.

\*\* Students may earn credits for only one of ACCT 1130 or BUQU 1130.

\*\*\* Students may earn credits for only one of ACCT 1230 or BUQU 1230.

## Business Studies Requirements

In addition to core requirements, General Business Studies students are required to take six courses at the 2000 level or higher from at least two of the following areas:

- Accounting (3000 level courses)
- Business
- Computer Business Systems or Computer Information Systems
- Economics
- Marketing (including MRKT 1299)

## Electives

The remaining four courses are electives. A minimum of two courses must be chosen from the list of approved Faculty of Business Liberal Education Electives or from the list of Economics and/or Applied Communications courses numbered 1100 or higher.

For the remaining two electives students may select any university courses numbered 1100 or higher.

**Note:** Credit for ECON 1101 will not be granted if taken after ECON 1150 or ECON 1250.

## For Graduation Purposes only:

- credit will NOT be granted for ACCT 1110 if credit has been previously granted for ACCT 1210 or ACCT 2293
- credit will NOT be granted for both ACCT 1210 ACCT 2293.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in General Business Studies**.

# Human Resources Management: Bachelor of Business Administration

## Faculty of Business

[kwantlen.ca/business](http://kwantlen.ca/business)

### IMPLEMENTATION DATE

01-Sep-2011

September  
January  
May

### ADMISSION TYPE

Selective entry

### ENROLMENT TYPE

Open access

### PROGRAM TYPE

Undergraduate

### CREDENTIAL GRANTED

Baccalaureate Degree

### OFFERED AT

Surrey

### FORMAT

Full-time  
Part-time  
Co-op

### HOW TO APPLY

[www.kwantlen.ca/admission](http://www.kwantlen.ca/admission)

## DESCRIPTION

The Bachelor of Business Administration (BBA) Program in Human Resources Management provides full-time and part-time intensive study for students wishing to undertake studies in the human resources management field.

Based on extensive consultations with business leaders, and explicit reference to the Required Professional Capabilities of the Certified Human Resources Practitioner (CHRP) designations, the degree is designed to prepare students to achieve the CHRP designation and for a range of Human Resources Professional roles.

This degree is designed as a four year program which students can enter in Year 1 or Year 3 after successfully completing a 60 credit business diploma or 60 credits of study at a post-secondary institution, with appropriate bridging courses.

Many degree classes are scheduled after 4:00 p.m. to allow students to further their education while maintaining current employment.

Students acquire:

- Technical business skills through subject specific studies
- General success skills through employability skills studied; and
- A better understanding of human society and how to contribute to it through liberal education studies

Some unique features of the program are:

- Direct incorporation of Intended Learning Outcomes based on the Certified Human Resources Professional Requirements and industry feedback;
- Practicum, learning partnerships with business, applied projects and assignments and ongoing work experience;
- Third year entry that allows for the transfer of credits from recognized post-secondary programs;
- Exit/re-entry flexibility, where a student can complete the program at their own pace. This allows for changing outside-

- of-schools time requirements and does not lock a student into a rigid program, structure and time frame;
- Professional development for individuals seeking higher level training.

## CAREER OPPORTUNITIES

Depending upon their capabilities and experience, a graduate may be able to enter or advance within the field of human resources management. The BBA in Human Resources Management has been designed to incorporate the Required Professional Capabilities of the Certified Human Resources Professional (CHRP) credential as issued by the B.C. Human Resources Management Association.

## PROGRAM ADMISSION REQUIREMENTS

Students may enter the program any time admission requirements are met.

### Year 1 Admission

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

**Please Note:** One post-secondary English course, equivalent to Kwantlen's ENGL 1100, is a graduation requirement for all Kwantlen degrees. Students wishing to complete the program without having to undertake any preparatory courses must enter with English 12 with a B grade or the equivalent. Please make an appointment with an Academic Advisor to plan your course selections accordingly.

### Year 3 Admission

Students may enter the program in Year 3 provided they have ONE of the following:

1. Completion of a business-related diploma from a recognized post-secondary institution, with:
  - a minimum of 60 credits
  - a cumulative GPA of 2.7 or higher; and
  - a minimum grade of C+ in Accounting and Statistics

OR

2. Completion of 60 transferable credits at the undergraduate level from a recognized post-secondary institution, including:
  - a minimum cumulative GPA of 2.7; and
  - a minimum grade of C+ in Accounting and Statistics
  - the following six required bridging courses or transferable equivalents:
    - ACCT 1230 - Business Statistics (or BUQU 1230) with a minimum grade of C+.
    - Note: Students may earn credit for only one of ACCT 1230 or BUQU 1230.
    - ACCT 2293 - Introductory Financial Accounting (or ACCT 1110 and ACCT 1210) with a minimum grade of C+
    - ECON 1150 Principles of Microeconomics with a minimum grade of C
    - MRKT 1199 Introduction to Marketing with a minimum grade of C

- BUSI 1210 Essentials of Management (or BUSI 1215 Organizational Behavior I) with a minimum grade of C
- CBSY 1105 Introductory Microcomputer Applications (or CBSY 2205 Computers and Information Processing) with a minimum grade of C

## CONTINUANCE REQUIREMENTS

For students admitted to Year 1 of the program, continuation into Year 3 requires:

- Successful completion of Year 1 and Year 2 program requirements (minimum 60 credits)
- Successful completion of ENGL 1100 and CMNS 1140
- A minimum grade of C+ in Accounting and Statistics
- A minimum program GPA of 2.7

## CO-OPERATIVE EDUCATION

This degree program is offered with a Co-operative Education option. Co-operative Education provides a student with paid, practical work experience that gives them an opportunity to apply the skills they are gaining through their education. Degree students can complete two work terms over an 8 month continuous placement or a combination of two separate 4-month work semesters.

Co-operative Education is optional and selective. Students wishing to choose the Co-op option must register into COOP 1101 upon approval into the degree program. If you have already taken COOP 1101, contact the Co-op Office to indicate your interest.

Students must complete a minimum of 360 hours of work per work term and students must receive satisfactory performance evaluations from their employer(s).

The Co-operative Education designation requires successful completion of the following courses:

### Required:

COOP 1101	Job Search Techniques	1 credit
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### And either:

COOP 3210	Co-op Work Semester 3	9 credits
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### Or both:

COOP 3211	Co-op Work Semester 3	4.5 credits
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COOP 3212	Co-op Work Semester 3	4.5 credits
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### And either:

COOP 4210	Co-op Work Semester 4	9 credits
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### Or both:

COOP 4211	Co-op Work Semester 4	4.5 credits
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COOP 4212	Co-op Work Semester 4	4.5 credits
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The BBA Human Resource Management program recommends successful completion of a minimum of 30 program credits with a minimum GPA of 2.70 prior to taking COOP 1101.

The following qualifications must be met **prior to your first work term:**

- Successful completion of COOP 1101
- Minimum GPA of 2.70 in any 5 program courses

- Instructor permission

Students completing all the requirements of a Co-operative Education program will receive a Co-operative Education designation on their credential and transcript.

## CONTENT

The degree program requires a minimum of 120 credits of required courses and electives. Students admitted to year 3 will have already completed a minimum of 60 credits. If a first year English course was not completed prior to Year 3 entry, degree completion will require more than 120 credits in total. The third and fourth year courses are rigorous and demanding. Students should carefully consider the time requirements of part-time versus full-time study based on their individual work and personal situations.

**Note:** Not all courses are offered at all times or on all campuses. It is important to ensure work and personal schedules can accommodate the posted schedule times prior to committing to the program.

### Years 1 and 2

#### All of:

ACCT 2293 Introduction to Financial Accounting 3 credits

One course in Mathematics\*

One course in Statistics\*\*

BUSI 1215 Organizational Behavior 3 credits

BUSI 1250 Human Resources Management 3 credits

BUSI 2405 Operations Management 3 credits

BUSI 2390 Business Law 3 credits

BUSI 2360 Union/Management Relations 3 credits

BUSI 2465 Business Negotiations 3 credits

CMNS 1140 Applied Communications 3 credits

CBSY 1105 Introductory Microcomputer Applications 3 credits

One other CBSY course

ECON 1150 Principles of Microeconomics 3 credits

ENGL 1100 Writing, Reading and Thinking: An Introduction 3 credits

MRKT 1199 Introduction to Marketing 3 credits

#### Two additional courses from any of:

Accounting

Computer Business Systems

Economics

Marketing

#### Three electives: these can be any course numbered 1100 or higher.

#### Notes:

\* ACCT 1130 and BUQU 1130 Business Mathematics are the core business math courses recommended for the program.

Students may earn credits for only ONE of ACCT 1130 or BUQU 1130.

\*\* ACCT 1230 or BUQU 1230 Business Statistics are the core business statistics courses recommended for the program. Students may earn credits for only ONE of ACCT 1230 or BUQU 1230.

### Year 3

#### All of:

HRMT 3115 Human Relations in Organizations 3 credits

HRMT 3125 Employment Law 3 credits

HRMT 3135 Recruitment and Selection 3 credits

HRMT 3145 Occupational Health and Safety 3 credits

HRMT 3255 Total Compensation 3 credits

ENTR 3000 Professional Business Communications 3 credits

ENTR 3120 Managerial Accounting for Entrepreneurs 3 credits

ENTR 3160 Information Technology for Business 3 credits

ENTR 3170 Entrepreneurial Finance 3 credits

#### One of:

ENTR 3150 Business Economics 3 credits

ECON 3150 Managerial Economics 3 credits

ECON 2350 Intermediate Microeconomics 3 credits

### Year 4

#### All of:

HRMT 3265 Employee Development and Coaching 3 credits

HRMT 4115 Labour Relations 3 credits

HRMT 4125 Organizational Development 3 credits

ENTR 4110 Business Leadership 3 credits

HRMT 4500 Strategic Human Resources Management 6 credits

### Liberal Education Courses

All business degrees require a minimum of 18 credits of liberal education that include:

- A first year English course (ENGL 1100 or equivalent). If this was not completed prior to BBA entry it must be completed prior to graduation.
- One 3rd or 4th year Ethics course chosen from:
  - PHIL 3033 Business Ethics OR
  - LBED 4210 Ethics and Social
- Four electives chosen from the list of approved Faculty of Business Liberal Education Electives. **Note:** No more than 3 credits can be taken from any one of CMNS, ECON or MRKT courses found on the list of approved electives.



## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Bachelor of Business Administration in Human Resources Management**.

Upon successful completion of this program with co-operative education, students are eligible to receive a **Bachelor of Business Administration in Human Resources Management, Co-operative Education Option**.

## Human Resources Management: Post Baccalaureate Diploma

<b>Faculty of Business</b>	
kwantlen.ca/business	
<b>IMPLEMENTATION DATE</b>	<b>START DATE(S)</b>
01-Sep-2011	September January
<b>ADMISSION TYPE</b>	<b>ENROLMENT TYPE</b>
Selective entry	Open access
<b>PROGRAM TYPE</b>	<b>CREDENTIAL GRANTED</b>
Undergraduate	Post Baccalaureate Diploma
<b>OFFERED AT</b>	<b>FORMAT</b>
Surrey	Full-time Part-time
<b>HOW TO APPLY</b>	
www.kwantlen.ca/admission	

## DESCRIPTION

The Post Baccalaureate Diploma in Human Resources Management is a 30-credit program designed for adult learners who have completed a bachelor-level degree, and who are looking for a pathway to professional employment in the human resources management profession. The Diploma program builds on the base established by the BBA in Human Resources Management to give adult learners another avenue to upgrade skills required for advancement in the growing human resources field.

Classes are exciting, practical and participatory. They may include a combination of lectures, exercises, case studies, in-class assignments, projects, student presentations, group work, role-play, structured simulations, field trips and guest speakers. All classes are offered during evenings to accommodate students who wish to complete the program on a part-time basis.

## CAREER OPPORTUNITIES

Based on extensive consultations with business leaders, and explicit reference to the Required professional Capabilities of the Certified Human Resources Professional (CHRP) designations, the Diploma is designed to prepare students to achieve the CHRP designation and prepare for a range of human resources professional roles; some of which include:

- Manager
- Consultant
- Analyst
- Advisor
- Coordinator

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English

Proficiency Requirement, the following program admission requirements apply.

- applicants require successful completion of a recognized Bachelor's degree.

Applicants graduating from a Bachelor's degree program that does not include at least a minor in Business may be required to take two qualifying courses in order to ensure their success in the program:

- BUSI 1210 Essentials of Management  
and
- ACCT 1110 Principles of Accounting I or ACCT 1160 Essentials of Accounting

Applicants who have extensive business experience in human resources management may contact a School of Business Degree Advisor in the Dean's office to request that the department waive the requirement to complete these two courses prior to program entry.

## CONTENT

**Students must complete the following courses with a minimum 2.5 grade point average:**

HRMT 3115	Human Relations in Organizations	3 credits
HRMT 3125	Employment Law	3 credits
HRMT 3135	Recruitment and Selection	3 credits
HRMT 3145	Occupational Health and Safety	3 credits
HRMT 3255	Total Compensation	3 credits
HRMT 3265	Employee Development and Coaching	3 credits
HRMT 4115	Labour Relations	3 credits
HRMT 4125	Organizational Development*	3 credits
HRMT 4500	Strategic Human Resources Management	6 credits

\* **Note:** The co-requisite requirement of ENTR 4110 for HRMT 4125 is automatically waived for students in the Post Baccalaureate program.

While it is possible to complete the program in one year (three semesters), registration in all required courses is subject to space availability. Students must be prepared to take more than three semesters to complete the program. Please consult a Business Degree Advisor for course planning assistance.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Post Baccalaureate Diploma in Human Resources Management**.

# Information Technology: Bachelor of Technology

Faculty of Business	
kwantlen.ca/business	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Surrey	Full-time Part-time Co-op
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Bachelor of Technology in Information Technology provides students with a solid foundation in:

- information systems, planning and design
- data communications, networking and security
- data mining and warehousing, and
- business communications

The program is comprised of two main components: a technical component, and a liberal education component. Students study advanced information technologies that integrate problem-solving skills, technical skills and business knowledge, and also take courses designed to equip them with broad academic perspectives - an essential element for success in today's multicultural milieu and global marketplace.

Graduates of the Bachelor of Technology in Information Technology may use the designation BTech (I.T.) after their names.

## International Programs and Exchanges

There are exchange agreements for Bachelor of Technology in Information Technology students with partner institutions in other countries. In addition to exchanges, there are other opportunities for international work, co-op placements, and service learning.

For more information go online to: <http://www.kwantlen.ca/exchange>

## CAREER OPPORTUNITIES

Graduates of this program may find employment in the following areas:

- Enterprise Resource Planning (ERP) Systems Implementation
- Information Security
- Wireless Systems Development
- Software analysis, design and development
- Web design, development and integration

- Data warehouse and data mining design, development and administration
- Distributed systems design and development
- Network and telecommunication system administration
- Software quality assurance, testing and validation
- Project management
- Human computer interface design
- Multimedia development
- Hardware/software technical support

## PROGRAM ADMISSION REQUIREMENTS

### Year 3 Admission:

Students may be admitted to the program in year 3 provided they have ONE of the following:

1. Kwantlen's Computer Information Systems (CISY) certificate plus an additional 30 credits (60 credits overall) with a minimum GPA of 2.7.

Graduates of the certificate program will have already completed three of the four required bridging courses (listed below), therefore, the additional 30 credits must include:

- CISY 2314 Database Management Systems (3 credits)
- Nine additional undergraduate courses (minimum 27 credits) from ANY discipline. **Note:** ENGL 1100 (3 credits) is strongly recommended as one of the nine courses.

2. A 60 credit diploma with a minimum GPA of 2.7 in the discipline of computer science, computer information systems, information technology or the equivalent, from a recognized post-secondary institution.
3. 60 university transferable credits with a minimum GPA of 2.7 from a recognized post-secondary institution, including the required bridging courses listed below.

### BRIDGING COURSES

Students who have a minimum of 60 post-secondary credits with a minimum GPA of 2.7 must have also completed the following bridging courses:

- CISY 1113 Principles of Program Structure and Design
- CISY 1212 Systems Analysis and Design
- CISY 1215 Enterprise Networking
- CISY 2314 Database Management Systems

## CO-OPERATIVE EDUCATION

This degree program is offered with a Co-operative Education option. Co-operative Education provides a student with paid, practical work experience that gives them an opportunity to apply the skills they are gaining through their education. Degree students can complete two work terms over an 8 month continuous placement or a combination of two separate 4-month work semesters.

Co-operative Education is optional and selective. Students wishing to choose the Co-op option must register into COOP 1101 upon approval into the degree program. If you have already taken COOP 1101, contact the Co-op Office to indicate your interest.

Students must complete a minimum of 360 hours of work per work term and students must receive satisfactory performance evaluations from their employer(s).

The Co-operative Education designation requires successful completion of the following courses:

#### Required:

COOP 1101	Job Search Techniques	1 credit
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#### And either:

COOP 3210	Co-op Work Semester 3	9 credits
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#### Or both:

COOP 3211	Co-op Work Semester 3	4.5 credits
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COOP 3212	Co-op Work Semester 3	4.5 credits
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#### And either:

COOP 4210	Co-op Work Semester 4	9 credits
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#### Or both:

COOP 4211	Co-op Work Semester 4	4.5 credits
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COOP 4212	Co-op Work Semester 4	4.5 credits
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The following qualifications must be met **prior to your first work term:**

- Successful completion of COOP 1101
- Successful completion of a minimum five program courses
- Maintain a minimum GPA of 2.50
- Instructor permission

Students completing all the requirements of a Co-operative Education program will receive a Co-operative Education designation on their credential and transcript.

## CONTENT

The degree program requires a minimum of 120 credits of required courses and electives. Students admitted to year 3 will have already completed a minimum of 60 credits. If a first-year English course was not completed prior to year 3 entry, degree completion will require more than 120 credits in total.

Third and fourth year Information Technology courses are scheduled at times that try to accommodate the needs of students who work during the day.

### Years 3 and 4

#### GROUP A (CORE COURSES)

##### Five of:

INFO 3120	Web Programming with Java	3 credits
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INFO 3140	Advanced Data Communications Systems	3 credits
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INFO 3210	Distributed Systems	3 credits
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INFO 3220	Multimedia Systems	3 credits
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INFO 3230	Advanced Object-Oriented Application Development	3 credits
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INFO 3240	Enterprise Resource Planning Systems	3 credits
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INFO 3250	Content Management & Information Architecture	3 credits
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INFO 3270 Special Topics in Information Technology 3 credits

**All of:**

INFO 3110 Professional Communications in Information Technology 3 credits

INFO 4310 Entrepreneurial Development in Information Technology\* 3 credits

INFO 4340 Integration Project 3 credits

**Five of:**

INFO 4210 Human Factors and Computer Interface Design 3 credits

INFO 4220 Server Operating System Technologies 3 credits

INFO 4230 Information Technology Project Management 3 credits

INFO 4320 Software Quality Assurance 3 credits

INFO 4330 Data Warehousing and Data Mining 3 credits

INFO 4350 Introduction to Wireless Technologies and Programming 3 credits

INFO 4360 Information System Security 3 credits

INFO 4370 Security of Wireless Systems 3 credits

INFO 4380 Wireless Sensor Networks 3 credits

\* **Note:** Students are required to participate in an actual sales project that counts towards part of their graded assignment.

**GROUP B (ELECTIVES)**

Two undergraduate courses (minimum 6 credits) numbered 1100 or higher in any area of study.

**GROUP C (LIBERAL EDUCATION)**

All business degrees require a minimum of 18 credits of liberal education that include:

- A first year English course (ENGL 1100 or equivalent). If this was not completed prior to Year 3 entry it must be completed prior to graduation.
- One 3rd or 4th year Ethics course chosen from:
  - PHIL 3033 Business Ethics OR
  - LBED 4210 Ethics and Social
- Four electives chosen from the list of approved Faculty of Business Liberal Education Electives. **Note:** No more than 3 credits can be taken from any one of CMNS, ECON or MRKT courses found on the list of approved electives.

**GRADUATION**

Upon successful completion of this program, students are eligible to receive a **Bachelor of Technology in Information Technology**.

Upon successful completion of this program with co-operative education, students are eligible to receive a **Bachelor of Technology in Information Technology, Co-operative Education Option**.

# Legal Administrative Studies: Certificate

Faculty of Business	
kwantlen.ca/business	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Certificate
OFFERED AT	FORMAT
Surrey	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Legal Administrative Studies program provides students with training in general and specialized administrative support procedures which are utilized in today's legal offices. Subjects covered include general office procedures, wills and estates, corporate records, civil litigation, family law, and conveyancing. In addition, students will become knowledgeable in word processing skills.

Upon graduation, students will be eligible to obtain employment in legal offices, notary public offices, government offices, or legal departments of large corporations. With additional education some graduates go on to become paralegals.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

Basic keyboarding skills are also recommended.

## CONTENT

### Semester 1 (Fall)

**All of:**

LGLA 1202	Legal Office Procedures – Corporate Law	3 credits
LGLA 1205	Legal Office Procedures – Litigation	3 credits
LGLA 1125	Legal Procedure and Research	3 credits
LGLA 1145	Word Processing	3 credits

**One of:**

LGLA 1155	Business Communications	3 credits
CMNS 1140	Introduction to Professional Communication	3 credits

## Semester 2 (Spring)

### All of:

LGLA 1115	Bookkeeping Basics	3 credits
LGLA 1135	Computer Competency or CBSY 1105 Introductory Microcomputer Applications	3 credits
LGLA 1203	Legal Office Procedures – Conveyancing	3 credits
LGLA 1204	Legal Office Procedures – Wills & Estates	3 credits
LGLA 1206	Legal Office Procedures – Family Law	3 credits
LGLA 1399	Legal Assistant Work Experience/Project	3 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Legal Administrative Studies**.

# Marketing Management: Bachelor of Business Administration

Faculty of Business	
<a href="http://kwantlen.ca/business">kwantlen.ca/business</a>	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time Co-op
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

The Bachelor of Business Administration (BBA) in Marketing Management program provides full-time and part-time intensive study for students wishing to earn a business degree.

The BBA in Marketing Management degree will produce graduates who bring contemporary applied marketing skills with a sound business management foundation to help organizations succeed in a dynamic global economy. The program will have the advantages of intensive applied training with an emphasis on marketing management and new media / web / social media analytics. The practical learning outcomes are grounded in curriculum that is accountable, global, team-based and uses contemporary quantitative and qualitative tools. Course content is industry driven and was developed based on the main job descriptions as required by industry and interviews with industry experts.

This degree is an appropriate goal for students who want to study beyond a diploma or their initial two years of post-secondary education. Students enter the program in Year 1 or in Year 3 after successfully completing a 60 credit business diploma or 60 credits of study at a post-secondary institution, with appropriate bridging courses.

Many degree classes are scheduled after 4:00 p.m. and in the evening to allow students to further their education while maintaining current employment. Students may apply to start the program in the summer semester but should note that course offerings may be limited. They are advised to consult a business degree advisor for course planning assistance.

Students acquire the following:

- Skills necessary to conduct business activities using contemporary social media applications.
- Ability to analyze quantitative and qualitative information using contemporary web tools to facilitate informed marketing decision making strategies

- Critical thinking and problem-solving skills by assessing and interpreting source materials, evaluating arguments, examining and applying both case based and real world business client based projects as consulting teams in the development of business and marketing plan solutions.
- Skills to manage communication initiatives to create and implement marketing plans that achieve organizational goals.
- Professional and persuasive communications skills through a variety of media (traditional, emerging, and technology driven).
- Skills required to develop creative media objectives, strategies and tactics to reach key target markets across all media and communication options and platforms
- Understanding of the entire organization and the important role of corporate citizenship.
- Collaboration skills with all functional areas of the organization (accounting, human resources, operations, production, marketing, sales etc.).
- Skills necessary to work effectively in teams, assuming roles of leader and follower as appropriate.
- A better understanding of human society and how to contribute to it through liberal education studies
- Quantitative business skills.

Some unique features of this program are:

- A practicum with a real client which allows students to translate their learning into one cohesive project that encompasses the integration of knowledge.
- Learning partnerships with business, applied projects and assignments and ongoing work experience
- Entry points that allow for the transfer of credits from recognized post-secondary programs
- Exit/re-entry flexibility, where a student can complete the program at their own pace. This allows for changing outside-of-school time requirements and does not lock a student into a rigid program structure and timeframe
- Professional development for individuals seeking higher level training
- Students can exit with a diploma in Marketing Management after completion of the first 60 credits of core courses.

## PROGRAM ADMISSION REQUIREMENTS

### Year 1 Admission:

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

**Please Note:** One post-secondary English course, equivalent to Kwantlen's ENGL 1100, is a graduation requirement for all Kwantlen degrees. Students wishing to complete the program without having to undertake any preparatory courses must enter with English 12 with a B grade or the equivalent. Please make an appointment with an Academic Advisor to plan your course selections accordingly.

### Year 3 Admission

Students may enter the program in Year 3 provided they have ONE of the following:

1. Completion of a business-related diploma from a recognized post-secondary institution, with:

- a minimum of 60 credits
- a cumulative GPA of 2.7 or higher; and
- a minimum grade of C+ in Accounting and Statistics

OR

2. Completion of 60 transferable credits at the undergraduate level from a recognized post-secondary institution, including:
  - a minimum cumulative GPA of 2.7; and
  - a minimum grade of C+ in Accounting and Statistics
  - the following six required bridging courses or transferable equivalents:
    - ACCT 1130 Business Mathematics (or BUQU 1130, or MATH 1120, or MATH 1140) with a minimum grade of C.  
Note: Students may earn credit for only one of ACCT 1130 or BUQU 1130.
    - ACCT 1230 - Business Statistics (or BUQU 1230, or MATH 1115, or MATH 2341, or PSYC 2300, or SOCI 2365, or CRIM 2103) with a minimum grade of C+.  
Note: Students may earn credit for only one of ACCT 1230 or BUQU 1230.
    - ACCT 2293 Introduction to Financial Accounting (or ACCT 1110 and ACCT 1210) with a minimum grade of C+.
    - MRKT 1199 Introduction to Marketing with a minimum grade of C
    - ECON 1150 Principles of Microeconomics with a minimum grade of C

## CONTINUANCE REQUIREMENTS

For students admitted to Year 1 of the program, continuation into Year 3 requires:

- Successful completion of Year 1 and Year 2 program requirements (minimum 60 credits)
- Successful completion of ENGL 1100 and CMNS 1140
- A minimum grade of C+ in Accounting and Statistics
- A minimum program GPA of 2.7

## CO-OPERATIVE EDUCATION

This degree program is offered with a Co-operative Education option. Co-operative Education provides a student with paid, practical work experience that gives them an opportunity to apply the skills they are gaining through their education. Degree students can complete two work terms over an 8 month continuous placement or a combination of two separate 4-month work semesters.

Co-operative Education is optional and selective. Students wishing to choose the Co-op option must register into COOP 1101 upon approval into the degree program. If you have already taken COOP 1101, contact the Co-op Office to indicate your interest.

Students must complete a minimum of 360 hours of work per work term and students must receive satisfactory performance evaluations from their employer(s).

The Co-operative Education designation requires successful completion of the following courses:

### Required:

COOP 1101	Job Search Techniques	1 credit
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**And either:**

COOP 3210	Co-op Work Semester 3	9 credits
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**Or both:**

COOP 3211	Co-op Work Semester 3	4.5 credits
COOP 3212	Co-op Work Semester 3	4.5 credits

**And either:**

COOP 4210	Co-op Work Semester 4	9 credits
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**Or both:**

COOP 4211	Co-op Work Semester 4	4.5 credits
COOP 4212	Co-op Work Semester 4	4.5 credits

The BBA Marketing Management program recommends successful completion of a minimum of 30 program credits with a minimum GPA of 2.70 prior to taking COOP 1101.

The following qualifications must be met prior to your first work term:

- Successful completion of COOP 1101
- Minimum GPA of 2.70 in any 5 program courses
- Instructor permission

Students completing all the requirements of a Co-operative Education program will receive a Co-operative Education designation on their credential and transcript.

## CONTENT

The degree program requires a minimum of 120 credits of required courses and electives. Students admitted to Year 3 will have already completed a minimum of 60 credits. If a first year English course was not completed prior to Year 3 entry, degree completion will require more than 120 credits in total. The third and fourth year courses are rigorous and demanding. Students should carefully consider the time requirements of part-time versus full-time study based on their individual work and personal situations.

**Note:** Not all courses are offered at all times or on all campuses. It is important to ensure work and personal schedules can accommodate the posted schedule times prior to committing to the program. It may be necessary for students to take courses at both Surrey and Richmond campuses to complete the program.

## Year 1 & 2

### CORE COURSES

**All of:**

ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
MRKT 1199	Introduction to Marketing	3 credits
CMNS 1140	Introduction to Professional Communication	3 credits
ACCT 1110	Principles of Accounting I	3 credits
ECON 1150	Principles of Microeconomics	3 credits
CBSY 1105	Introductory Microcomputer Apps	3 credits

**One of:**

ACCT 1130	Business Mathematics*	3 credits
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BUQU 1130	Business Mathematics*	3 credits
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**One of:**

ACCT 1230	Business Statistics**	3 credits
BUQU 1230	Business Statistics**	3 credits

**One of:**

BUSI 1210	Essentials of Management	3 credits
BUSI 1215	Organizational Behaviour I	3 credits

**One of:**

CBSY 2305	Advanced Microcomputer Application	3 credits
CBSY 2310	Advanced MS Office and Internet	3 credits

**All of:**

MRKT 1235	Small Business Essentials	3 credits
MRKT 1299	Consumer Behaviour	3 credits
MRKT 2333	Marketing Management I	3 credits
MRKT 2340	Marketing Research	3 credits
MRKT 2360	Selling and Sales Management	3 credits
MRKT 2444	Marketing Management II	3 credits

### Notes:

\* Students may earn credit for only one of ACCT 1130 or BUQU 1130.

\*\* Students may earn credit for only one of ACCT 1230 or BUQU 1230.

### ELECTIVES

**Select two:**

MRKT 2111	Marketing Online	3 credits
MRKT 2321	Retail Management I	3 credits
MRKT 2401	Advertising	3 credits
MRKT 2430	Marketing Simulation	3 credits
MRKT 2455	International Marketing	3 credits

### ADDITIONAL ELECTIVES

Two courses from either the list of approved Faculty of Business Liberal Education Electives or from the list of Economics courses numbered 1100 or higher and/or Applied Communications numbered 1100 or higher.

## Year 3

**All of:**

ENTR 3000	Advanced Professional Communication	3 credits
ENTR 3110	Advanced Organizational Behaviour	3 credits
ENTR 3120	Managerial Accounting*	3 credits
ENTR 3130	Production Operations Management	3 credits

ENTR 3140	Entrepreneurial Marketing	3 credits
MRKT 3211	Managing the Communications Process	3 credits
MRKT 3240	Marketing Information Management**	3 credits
MRKT 3311	Marketing in a Digital World	3 credits

#### One of:

ENTR 3150	Business Economics	3 credits
ECON 3150	Managerial Economics	3 credits
ECON 2350	Intermediate Economics	3 credits

#### Note:

\* It is highly recommended that students complete ACCT 2293 OR (ACCT 1110 and ACCT 1210) before registering for ENTR 3120.

\*\* It is recommended that students complete ENTR 3120 before registering for MRKT 3240.

## Year 4

#### All of:

ENTR 4110	Business Leadership	3 credits
MRKT 4160	Business Development	3 credits
MRKT 4201	Integrated Marketing Communications	3 credits
MRKT 4177	Contemporary Issues in Marketing	3 credits
MRKT 4330	Marketing BBA Practicum	6 credits

## Liberal Education Courses

All business degrees require a minimum of 18 credits of liberal education that include:

- A first year English course (ENGL 1100 or equivalent). If this was not completed prior to BBA entry it must be completed prior to graduation.
- One 3rd or 4th year Ethics course chosen from:
  - PHIL 3033 Business Ethics OR
  - LBED 4210 Ethics and Social Issues
- Four electives chosen from the list of approved Faculty of Business Liberal Education Electives. **Note:** No more than 3 credits can be taken from any one of CMNS, ECON or MRKT courses found on the list of approved electives.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Bachelor of Business Administration in Marketing Management**.

Upon successful completion of this program with co-operative education, students are eligible to receive a **Bachelor of Business Administration in Marketing Management, Co-operative Education Option**.

# Marketing Management: Diploma

Faculty of Business	
kwantlen.ca/business	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time Co-op
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Marketing emphasizes competitive advantages of for-profit and not-for-profit organizations and examines the inter-relationships that exist among their customers or members, the competition, and internal resources. A key part of marketing consists of gaining insights into customer needs and then developing effective marketing strategies.

The Marketing Management Diploma is a comprehensive program designed to give you a solid, general foundation in this exciting field. First the emphasis is on basic business knowledge and skills then students explore intensively the discipline of Marketing, with emphasis on the job skills and experience that business demands. Projects with local businesses and organizations are also included to offer students real world experience.

Graduates of this program (with a minimum grade point average of 2.7 and a C+ or higher in Accounting and Statistics) are eligible for direct entry into the third year of Kwantlen's Bachelor of Business Administration degrees in Entrepreneurial Leadership, Human Resources Management, and Marketing Management.

Certain courses in the program are also transferable to other post-secondary institutions. (Please refer to the BC Transfer Guide at [www.bctransferguide.ca](http://www.bctransferguide.ca) for specific transfer credit information).

## CAREER OPPORTUNITIES

A marketing education is one of the best ways to prepare for a career in business or management. Virtually all businesses and organizations, profit and non-profit alike, apply marketing to advance their organizational goals. Graduates have a solid grounding in business basics and learn how to make a profit by ethically meeting people's needs with useful products and services.

With a Marketing Management Diploma, graduates are eligible for almost any entry-level business or management position. Such positions can lead to exciting careers in advertising, retailing,



customer relations, sales and sales management, marketing research or business management.

Kwantlen's most recent Graduate Survey indicates that the majority of marketing management graduates are employed or continuing with further education. Among these graduates, several have started their own successful businesses.

Positions held by recent Kwantlen Marketing Management Graduates include: Business Owner; Account Manager; Assistant Manager of Promotions; Restaurant Manager; RRSP Specialist; Marketing Representative; Customer Service Representative; Senior Operations Manager; Field Supervisor; and Sales Representative.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

**Note:** A first year level English course is a requirement of this program. Students wishing to complete the program without having to undertake any preparatory courses must enter with English 12 with a B grade (or the equivalent prerequisite). Please make an appointment with an Educational Advisor to plan your course selections accordingly.

## CO-OPERATIVE EDUCATION

This diploma program is offered with a Co-operative Education option. Co-operative Education provides a student with paid, practical work experience that gives them an opportunity to apply the skills they are gaining through their education. Diploma students can complete two separate 4-month work semesters.

Co-operative Education is optional and selective. Students wishing to choose the Co-op option must register into COOP 1101 in conjunction with their first academic term courses. Prerequisites for the first Co-op work term (COOP 1110) are permission of the instructor as well as the completion of COOP 1101 and first year courses with a minimum grade point average.

Students must complete a minimum of 360 hours of work per work term and students must receive satisfactory performance evaluations from their employer(s).

The Co-operative Education designation requires successful completion of the following courses:

### All of:

COOP 1101	Job Search Techniques	1 credit
COOP 2101	Leadership and the Job Search	1 credit
COOP 2301	Career Search	1 credit

### And either:

COOP 1110	Co-op Work Semester 1	9 credits
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### Or both:

COOP 1111	Co-op Work Semester 1	4.5 credits
COOP 1112	Co-op Work Semester 1	4.5 credits

### And either:

COOP 2110	Co-op Work Semester 2	9 credits
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### Or both:

COOP 2111	Co-op Work Semester 2	4.5 credits
COOP 2112	Co-op Work Semester 2	4.5 credits

The following qualifications must be met **prior to your first work term:**

- COOP 1101
- completion of first year courses with a minimum GPA of 3.0.
- Instructor permission

Students completing all the requirements of a Co-operative Education program will receive a Co-operative Education designation on their credential and transcript.

## CONTENT

### Core Requirements:

Students take 10 courses to provide grounding in the key areas of business and communication, including:

#### All of:

CBSY 1105	Introductory Microcomputer Applications	3 credits
MRKT 1199	Introduction to Marketing	3 credits

#### One of:

CBSY 2305	Advanced Microcomputer Applications*	3 credits
CBSY 2310	Advanced MS Office and Internet*	3 credits

### Students must take at least one course from each of the following areas:

Accounting\*\*  
Applied Communications (CMNS 1140)  
Business  
Economics\*\*\*  
English  
Mathematics\*\*\*\*  
Statistics\*\*\*\*\*

### Notes:

\* Only one of CBSY 2305 and CBSY 2310 may be used for credit.

\*\* (ACCT 1130 or BUQU 1130) and (ACCT 1230 or BUQU 1230) do NOT count towards this requirement

\*\*\* ACCT 2293 (or ACCT 1110 and ACCT 1210) and ECON 1150 are recommended for students who intend to proceed into any Kwantlen BBA degree program after completing the diploma.

\*\*\*\* ACCT 1130 or BUQU 1130 Business Mathematics are the core business mathematics courses recommended for the program. Students may earn credits for only one of ACCT 1130 or BUQU 1130.

\*\*\*\*\* ACCT 1230 or BUQU 1230 Business Statistics are the core business statistics courses recommended for the program. Students may earn credits for only one of ACCT 1230 or BUQU 1230.

## Marketing Management Requirements

In addition to core requirements, students take eight additional courses in marketing:

### All of:

MRKT 1235	Small Business Essentials	3 credits
MRKT 1299	Consumer Behaviour	3 credits
MRKT 2333	Marketing Management I	3 credits
MRKT 2340	Marketing Research	3 credits
MRKT 2360	Selling and Sales Management*	3 credits
MRKT 2444	Marketing Management II	3 credits

### And any two of\*\*:

MRKT 2111	Introduction to e-marketing	3 credits
	Any 2300-level MRKT course	
	Any 2400-level MRKT course	

### Notes:

\* Students are required to participate in an actual sales project that counts towards part of their graded assessment.

\*\* Students interested in pursuing a BBA in Marketing Management, should note that it is highly recommended they take MRKT 2111.

## Electives

The remaining two courses are electives. Students must choose two courses from the list of approved Faculty of Business Liberal Education Electives or from the list of Economics courses and/or Applied Communications courses numbered 1100 or higher.

**Note:** Credit for ECON 1101 will not be granted if taken after ECON 1150 or ECON 1250.

## For Graduation purposes only:

- credit will NOT be granted for ACCT 1110, if credit has been previously granted for ACCT 1210 or ACCT 2293
- credit will NOT be granted for both ACCT 1210 and ACCT 2293

## Recommended Course Progression

### All of:

ACCT 1110	Principles of Accounting I*	3 credits
ACCT 1130	Business Mathematics or BUQU 1130 Business Mathematics	3 credits
ACCT 1230	Business Statistics or BUQU 1230 Business Statistics	3 credits
CBSY 1105	Introductory Microcomputer Applications	3 credits
CMNS 1140	Introduction to Professional Communication	3 credits
ECON 1150	Principles of Microeconomics	3 credits
ENGL 1100	Writing, Reading and Thinking	3 credits
MRKT 1199	Introduction to Marketing	3 credits

MRKT 1235	Small Business Essentials	3 credits
MRKT 1299	Consumer Behaviour	3 credits
MRKT 2333	Marketing Management I	3 credits
MRKT 2340	Marketing Research	3 credits
MRKT 2360	Selling and Sales Management	3 credits
MRKT 2444	Marketing Management II	3 credits

### One of:

BUSI 1210	Essentials of Management	3 credits
BUSI 1215	Organizational Behaviour I	3 credits

### One of:

CBSY 2305	Advanced Microcomputer Applications	3 credits
CBSY 2310	Advanced MS Office and Internet	3 credits

### Two of:

MRKT 2111	E-Marketing	3 credits
MRKT 2321	Retail Management I	3 credits
MRKT 2401	Advertising	3 credits
MRKT 2430	Marketing Simulation	3 credits
MRKT 2455	International Marketing	3 credits

\* **Note:** Students with strong skills may wish to take ACCT 2293 instead

## Recommended Course Progression - Co-operative Education Mode

### One of:

ACCT 1130	Business Mathematics*	3 credits
BUQU 1130	Business Mathematics*	3 credits

### One of:

ACCT 1230	Business Statistics**	3 credits
BUQU 1230	Business Statistics**	3 credits

### All of:

ACCT 1110	Principles of Accounting I***	3 credits
CBSY 1105	Introductory Microcomputer Applications	3 credits
CMNS 1140	Business and Technical Communication: Theory and Application	3 credits
COOP 1101	Job Search Techniques	3 credits
COOP 1110	Work Semester 1	3 credits
COOP 2110	Work Semester 2	3 credits
COOP 2101	Leadership and the Job Search	3 credits
COOP 2301	Career Search	3 credits
ECON 1150	Principles of Microeconomics	3 credits

# Marketing: Certificate

Faculty of Business	
kwantlen.ca/business	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Certificate
OFFERED AT	FORMAT
Langley Richmond Surrey	Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Marketing emphasizes competitive advantages of for-profit and not-for-profit organizations and examines the inter-relationships that exist among their customers or members, the competition, and internal resources. A key part of marketing consists of gaining insights into customer needs and then developing effective marketing strategies.

In the Marketing Certificate Program, students complete marketing courses followed by practical courses in sales and sales management, marketing management and small business management. In addition, they may choose specialized marketing courses in advertising, retailing, international marketing, selling and sales management, buyer behaviour, E-marketing, and marketing research as electives.

Due to prerequisite and course scheduling considerations careful course planning is required. Students should consult an Educational Advisor when considering the Marketing Certificate. (The Certificate may be completed in two semesters dependent on course offerings).

## CAREER OPPORTUNITIES

The Marketing Certificate provides students with a thorough grounding in marketing. It is designed for students with business experience and for those who have earned a diploma or degree in another subject and wish to pursue or further their business careers. The Certificate provides students and graduates from programs such as computer information systems, engineering, fashion design, graphics, accounting, interior design, horticulture, public relations, and arts and science with job-ready business and marketing skills.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
MRKT 1199	Introduction to Marketing	3 credits
MRKT 1235	Small Business Essentials	3 credits
MRKT 1299	Consumer Behaviour	3 credits
MRKT 2333	Marketing Management I	3 credits
MRKT 2340	Marketing Research	3 credits
MRKT 2360	Selling and Sales Management	3 credits
MRKT 2444	Marketing Management II	3 credits

### One of:

BUSI 1210	Essentials of Management	3 credits
BUSI 1215	Organizational Behaviour I	3 credits

### One of:

CBSY 2305	Advanced Microcomputer Applications	3 credits
CBSY 2310	Advanced MS Office and Internet	3 credits

### Two of:

MRKT 2111	E-Marketing	3 credits
MRKT 2401	Advertising	3 credits
MRKT 2321	Retail Management I	3 credits
MRKT 2430	Marketing Simulation	3 credits
MRKT 2455	International Marketing	3 credits

### Notes:

\* Students may earn credit for only one of ACCT 1130 or BUQU 1130.

\*\* Students may earn credit for only one of ACCT 1230 or BUQU 1230.

\*\*\* Students with strong skills may wish to take ACCT 2293.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in Marketing Management**.

Upon successful completion of this program with co-operative education, students are eligible to receive a **Diploma in Marketing Management, Co-operative Education Option**.

## CONTENT

Students must complete 30 credits that includes:

### All of:

MRKT 1199	Introduction to Marketing	3 credits
MRKT 1235	Small Business Essentials	3 credits
MRKT 1299	Consumer Behaviour	3 credits
MRKT 2333	Marketing Management I	3 credits
MRKT 2360	Selling and Sales Management*	3 credits

### Two of:

MRKT 2340	Marketing Research	3 credits
MRKT 2321	Retail Management I	3 credits
MRKT 2401	Advertising	3 credits
MRKT 2430	Marketing Simulation	3 credits
MRKT 2444	Marketing Management II	3 credits
MRKT 2455	International Marketing	3 credits

### Electives:

Any three university courses numbered 1100 or higher.

\* **Note:** Students are required to participate in an actual sales project that counts towards part of their graded assessment.

### For Graduation purposes only:

- credit will NOT be granted for ACCT 1110, if credit has been previously granted for ACCT 1210 or ACCT 2293
- credit will NOT be granted for both ACCT 1210 and ACCT 2293

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Marketing**.

## Public Relations: Diploma

Faculty of Business	
kwantlen.ca/business	
Public Relations	
kwantlen.ca/business/pr	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Richmond	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

In a rapidly changing world, all kinds of organizations need help with communicating to the media, employees and the public. This includes private corporations, government and non-profit agencies, all of whom rely on trained public relations professionals to use communications strategy, tools and techniques to help build positive relationships with all of their stakeholders.

The Public Relations (PR) Diploma Program has responded to this challenge by providing in-depth training for the next wave of public relations professionals. The Kwantlen program is distinguished not only for providing the technical expertise to successfully work in PR, but also the strategic thinking and communications management that will help Kwantlen grads to succeed and advance quickly within organizations.

The two-year program will appeal to people who are looking for a dynamic, fast-paced career where they will excel in all aspects of communications. Strong writing skills are emphasized in every course.

To keep pace with rapid changes in the industry, Kwantlen provides a solid foundation in communications theory blended with practical, hands-on work experience and a field placement in a public relations environment. The program works closely with the professional public relations community and our faculty is drawn from industry and includes full and part-time instructors who are active public relations professionals.

## STUDENT PROFILE

Some students enter the program with post-secondary experience or university degrees and are seeking specific marketable skills, or are changing career direction. Others are high school students who have identified an interest in writing, communicating, or special event coordination and would like to develop a career that fits their aptitudes and interests. Students accepted into the Public Relations program must have a high level of communication skills, both written and verbal. Depending on their background, advanced standing can be granted for work done or skills learned elsewhere.

Perhaps more than any other skill, public relations professionals are great writers. We are looking for students who have a natural flair for writing and a good command of English grammar.

## CAREER OPPORTUNITIES

During the last few years, the job market has exploded for those who are skilled in public relations writing, special event coordination, media relations, issues management, publication layout and production, community relations, and marketing.

The Kwantlen PR Program is known for providing a broad-based educational experience that gives students a solid grounding in all aspects of public relations and corporate communications.

Kwantlen's Public Relations Program graduates experience a high rate of employment in a variety of positions within the field. Examples of employment positions attained by recent graduates include Communications Manager, Media Relations Specialist, Special Events Coordinator, Information Officer, and Public Relations Consultant.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the PR Diploma Program requires strong competency in the English language for both written and oral presentations and publications. Therefore, the following program admission requirements apply.

- English 12 with a minimum B, (or equivalent), or
- A transferable undergraduate level English course with a minimum grade of C

**Note:** A lack of basic writing skills or word processing computer skills will hold the student back, so applicants are urged to upgrade this area before starting the program. Successful applicants will be invited to attend an orientation session sometime in May. The purpose of this session is to provide an opportunity to meet faculty, ask questions about the program, and to explore what the program entails. Arrangements will be made to accommodate out-of-town applicants.

## CONTENT

The Public Relations Program is a 60-credit diploma organized into four semesters. During the first year, students concentrate on general knowledge and on developing the basic skills, work habits and attitudes they need to succeed both as students and as PR professionals.

In the second year, students concentrate on further developing what they have learned and applying their public relations skills to a variety of projects for clients, culminating in a one-month work experience in the public relations industry.

During their two years of study, students will:

- Learn about the broad world of media, including Print, Radio, Television and the Internet along with the theory and practices of communications in Canadian society
- Be introduced to basic concepts and skills of the public relations industry, including: PR writing, design and production; event planning and management; media relations, marketing, publicity, issues management and crisis response; and internal communications within organizations.

- Develop professional attitudes through exposure to the ethical, legal and societal expectations of modern day public relations
- Develop personal competence through working in group projects, delivering presentations, and hands-on training in computer labs
- Gain experience in design and management of all the aspects of a special event fundraiser in support of a non-profit organization in the community.

Successful applicants may take non discipline specific courses (MRKT 1199 and English courses) prior to entering the program and/or during the summer semester in order to lighten their workload during the term.

Industry personnel may contact the Program Coordinator to access individual courses of interest without applying for the complete program. Access is determined by permission of the Coordinator and an availability of space.

### Year 1

#### All of:

ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
PRLN 1120	Public Relations Writing	3 credits
PRLN 1230	Public Relations Research	3 credits
PRLN 1140	Computer Skills I	3 credits
PRLN 1150	Public Relations Practice	3 credits
JRNL 1141	Visual Design with Computers	3 credits
PRLN 1210	Media Relations	3 credits
PRLN 1220	Writing for Newspapers and Features	3 credits
PRLN 1236	Visual Presentations	3 credits
PRLN 1240	Computer Skills II	3 credits
MRKT 1199	Introduction to Marketing	3 credits

### Year 2

#### All of:

PRLN 2310	Issues Management & Crisis Response	3 credits
PRLN 2320	Writing for Corporate Communications	3 credits
PRLN 2331	Event Planning and Sponsorship	3 credits
PRLN 2340	Computer Skills III	3 credits
PRLN 2345	Introduction to Fundraising & Development	3 credits
PRLN 2350	PR Advertising	3 credits
PRLN 2431	Event Production and Management	3 credits
PRLN 2441	Organizational Communications	3 credits
PRLN 2455	Public Relations Consulting	3 credits

PRLN 2476	Public Relations Work Experience	3 credits
PRLN 3010	Ethics of Communication	3 credits

## OTHER INFORMATION

### Work Experience

Students gain hands-on experience during a four-week (full time) work experience in the public relations industry prior to graduation. This work experience provides opportunities for observation and application of previously studied theories and methodologies and assists with the transition of the graduates from Kwantlen to the workplace. Students are required to successfully complete all other courses in the PR Diploma Program, or be able to demonstrate how they will complete any remaining requirements prior to the graduation date of that particular year, before taking PRLN 2476 Public Relations Work Experience.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in Public Relations**.

# Faculty of Community & Health Studies

Welcome to the Faculty of Community & Health Studies.

**The Faculty of Community and Health Studies will be relocating for the Fall 2012 semester.**

Students currently enrolled in Community & Health programs will be transitioning from the Surrey Campus to the Langley Campus in Fall 2012. Prospective students accepted into Community & Health programs commencing in Fall 2012 will be attending at the Langley Campus.

## DEAN:

**Tru Freeman, PhD**

Phone: 604.599.2263

E-mail: [tru.freeman@kwantlen.ca](mailto:tru.freeman@kwantlen.ca)

## IN THIS SECTION:

You will find details of the Community & Health Studies programs:

- About the Faculty of Community & Health Studies
- Critical Care Nursing: Post Baccalaureate Certificate
- Gerontology-Based Therapeutic Recreation: Certificate
- Graduate Nurse Qualifying: Certificate of Completion
- Graduate Nurse Re-Entry: Citation
- Graduate Nurse, Internationally Educated Re-entry: Certificate
- Health Care Assistant: Certificate
- Health Unit Coordinator: Certificate
- Nursing: Bachelor of Science in Nursing
- Nursing: Degree Completion for Registered Nurses
- Psychiatric Nursing: Bachelor of Psychiatric Nursing
- Special Education Teacher Assistant: Certificate

## CONTINUING / PROFESSIONAL STUDIES

The Faculty of Community & Health Studies also offers a selection of continuing education and professional studies courses and programs. For more information about these offerings, see [kwantlen.ca/health/professional\\_studies](http://kwantlen.ca/health/professional_studies).

# Critical Care Nursing: Post Baccalaureate Certificate

Faculty of Community And Health Studies	
<a href="http://kwantlen.ca/health">kwantlen.ca/health</a>	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	January
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Post Baccalaureate Certificate
OFFERED AT	FORMAT
Surrey	Full-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

The Critical Care Nursing Program offered by Kwantlen Polytechnic University provides Registered Nurses (RNs) with the skills and knowledge to successfully transition their career into Critical Care Nursing. The program is aligned with the competencies of the Canadian Nurses Association certification exam for Adult Critical Care.

**Note:** This program is only offered under special circumstances. Please contact the Program Coordinator for more information about this program.

## CAREER OPPORTUNITIES

The program is designed to gradually introduce students to the highly technological environments of critical care.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

- Baccalaureate degree in Nursing.  
*In lieu of a degree, practicing Registered Nurses with a diploma and several years acute care experience may be considered for admission on an individual basis. Current resume and interview required.*
- Current Practicing CRNBC registration
- Letter of recommendation from employer
- Current Canadian CPR Level C

## CONTENT

This program is delivered over seventeen weeks and currently starts at the beginning of January and finishes at the end of April of each year. The program is designed to gradually introduce the students to the highly technological environments of critical care. Theory and lab experiences are interspersed over the first twelve weeks. Practicum experiences during these first twelve weeks include an observational experience in a cardiac interventional unit, a cardiac surgical ICU and practical experience in an acute

coronary care unit and a critical care step down unit. The program concludes with a final five week practicum in an ICU.

**All of:**

CCNG 5000	Professional Issues in Critical Care Nursing	1 credits
CCNG 5010	Critical Care Nursing Theory 1	3.5 credits
CCNG 5020	Critical Care Nursing Practice 1	3 credits
CCNG 5030	Critical Care Nursing Theory 2	2 credits
CCNG 5040	Critical Care Nursing Theory 3	2 credits
CCNG 5050	Critical Care Nursing Practice 2	5.5 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Post Baccalaureate Certificate in Critical Care Nursing**.

# Gerontology-Based Therapeutic Recreation: Certificate

**Intakes for this program have been postponed indefinitely.**

Faculty of Community And Health Studies	
kwantlen.ca/health	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Certificate
OFFERED AT	FORMAT
Langley Richmond	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Graduates of the Gerontology-Based Therapeutic Recreation (GBTR) program will apply theoretical and practical knowledge of gerontology, therapeutic recreation and recreation and leisure programming in the community, senior day centres and long-term care settings. Students in the full-time program will graduate after three semesters. Graduates can ladder into select diploma programs at Douglas College and Lethbridge Community College.

The GBTR program is part of the Education, Community, and Health specialties initiative that provides students the opportunity to study with students in other programs. These programs include: Special Education Teacher Assistant (SETA), Community Support Worker (CSW), Home Support/Resident Care Attendant (HS/RCA) and the GBTR program. Students from all four programs will take core courses under the acronym ECHS. In addition Students from the GBTR program will also take program specific courses.

## CAREER OPPORTUNITIES

Graduates are highly sought after and readily obtain employment. The graduates work in a variety of settings (assisted living, long-term care, special care, community support, adult day centres, parks and recreation for seniors) as a frontline practitioner in therapeutic recreation for seniors. Graduates are prepared to function collaboratively as members of a multi-disciplinary health care team.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply.

- Attendance at an information session



- Immunization consistent with the requirements of clinical agencies
- Completion of 50 volunteer hours within a gerontology based recreation setting (adult day centre, extended care facility, assisted living)
- Two supportive employment/volunteer letters of recommendation from persons in a responsible position (excluding family)
- A valid Canadian CPR Level C must be completed prior to first practicum
- A criminal record search completed within three months prior to enrolling in the program
- If you are not a Canadian citizen, you are required to secure a Criminal Record Search with the Vulnerable Sector from your country of origin. This requirement is in addition to the Canadian Criminal Record Search with Vulnerable Sector through your application with the College of Registered Nurses of BC. Please note that your Criminal Record Search must be mailed directly from the issuing agency to Kwantlen Polytechnic University Admissions.

Students in the Gerontology-Based Therapeutic Recreation Program are required to demonstrate the ability to perform a variety of cognitive, emotional and psycho-motor skills safely and knowledgeably.

Students with cognitive or physical impairments, who may require program or practicum accommodations, should contact the program coordinator to discuss required skills and competencies at 604.599.3331, and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

## CONTENT

### All of:

CMNS 1216	Writing for the Specialized Workplace 1	1.5 credits
CMNS 1217	Writing for the Specialized Workplace 2	1.5 credits
ECHS 1112	Interpersonal Communications I	1 credit
ECHS 1212	Interpersonal Communications II	1.5 credits
ECHS 1125	Principles of Observation	1.5 credits
ECHS 1135	Essentials to Person-Centered Practice	3 credits
GBTR 1100	Introduction to Aging	3 credits
GBTR 1111	Facets of Aging	3 credits
GBTR 1120	Program Planning and Design	2 credits
GBTR 1130	Introduction to Fitness for Seniors	1.5 credits
GBTR 1200	Identity and Dementia	3 credits
GBTR 1210	Programming for people with dementia	2 credits
GBTR 1235	Recreation Assessment and Planning	3 credits
GBTR 1241	Valuing Ethnicity and Diversity	2 credits

GBTR 1250	Practicum 1	2 credits
GBTR 1255	Practicum 2	2 credits
GBTR 1350	Practicum III	3 credits

**Note:** GBRC 1090, an access course, is available for graduates of the Activity Coordinator Program previously offered at Kwantlen Polytechnic University.

## OTHER INFORMATION

### Costs

Student loans are available. A non-refundable deposit of \$350.00 required. Additional student and administrative fees apply to this program. Fees are subject to change without notice.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Gerontology-Based Therapeutic Recreation**.

# Graduate Nurse Qualifying: Certificate of Completion

**Intakes for this program have been postponed indefinitely.**

Faculty of Community And Health Studies	
kwantlen.ca/health	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Selective entry Continuous intake	Self-paced
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Certificate of Completion
OFFERED AT	FORMAT
Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Through online study and clinical practice, the Graduate Nurse Qualifying courses are designed to meet the needs of internationally educated nurses who do not have sufficient education in maternal-child, pediatric or mental health nursing to meet the requirements of the College of Registered Nurses of British Columbia (CRNBC).

## CAREER OPPORTUNITIES

These courses are designed to assist the graduate to meet basic educational requirements for nurse registration in British Columbia.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply.

- Letter from the CRNBC stating the need for a qualifying course in one or more of the following areas: maternal-child, pediatric, mental health nursing

Students must meet the following course requirements prior to clinical placement:

- Canadian CPR Level C certificate that must remain current throughout the course.
- Immunizations consistent with the requirements of clinical agencies. A Canadian TB skin test or chest x-ray dated within 2 years of registering into the program. Some practice experience agencies may require proof of current immunizations. Failure to have documentation acceptable to the agency at the time of placement may mean denial of the experience, which in turn will prevent completion of the program of studies.
- Criminal Records review, issued by the BC Ministry of Public Safety and Solicitor General.

## CONTENT

### All of:

GNQU 1301	Fundamentals of Mental Health Nursing	3 credits
GNQU 1305	Mental Health Preceptorship	3 credits
GNQU 1309	Fundamentals of Maternal-Child Nursing	3 credits
GNQU 1317	Maternal / Child Preceptorship	3 credits
GNQU 1321	Fundamentals of Pediatric Nursing	3 credits
GNQU 1327	Pediatric Preceptorship	3 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate of Completion in Graduate Nurse Qualifying**.

# Graduate Nurse Re-Entry: Citation

Faculty of Community And Health Studies	
kwantlen.ca/health	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry Continuous intake	Self-paced
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Citation
OFFERED AT	FORMAT
Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

This individualized, self-paced graduate nurse program is designed to meet the needs of nurses who wish to refresh their knowledge and skills in preparation for returning to active nursing practice.

Length of Program: up to 12 months on a part-time basis.

## CAREER OPPORTUNITIES

This program prepares the graduate to practice nursing by meeting the re-entry course requirement for registration with the College of Registered Nurses of BC (CRNBC). Once registered, nurses are prepared to work in a variety of areas.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply.

- Proof of current or previous registration in Canada by a provincial or territorial regulating authority for Registered Nurses.
- Criminal record review, issued by the BC Ministry of Public Safety and Solicitor General, completed within 6 months prior to the start of the program. A criminal record review is required by the CRNBC prior to registration as a nurse and is a pre-practice requirement of some of the clinical agencies used during the program. Related costs are the responsibility of the individual student. The CRNBC may refuse to register any person who has been convicted of an indictable offence. Failure to have documentation acceptable to the agency at the time of placement may mean denial of the experience, which in turn will prevent completion of the program of studies. Applicants with any criminal convictions should request advice from the Registrar of the College of Registered Nurses of BC (CRNBC) before making formal application for admission to the program.

**Note:** Prior to applying, prospective students with mental or physical impairments, who may require program or preceptorship accommodations should contact the Program Coordinator at 604-599-3116 to discuss skills and competencies, and a Disability Advisor at 604-599-2148 to ensure that appropriate accommodations can be arranged. Please refer to the "Requisite Skills and Abilities" document found on the College of Registered Nurses of British Columbia (CRNBC) website at [www.crnbc.ca/downloads/464.pdf](http://www.crnbc.ca/downloads/464.pdf) for further information regarding requirements for registration with CRNBC.

## Additional Requirements

Within 30 days of receiving a conditional offer of admission, and before final admission will be granted, students must submit the following:

- Canadian CPR Certificate - Health Care Provider. CPR certification must remain current throughout the course.
- Immunizations consistent with the requirements of clinical agencies. A Canadian TB skin test or chest x-ray dated within 2 years of registering into the program. Some practice experience agencies may require proof of current immunizations. Failure to have documentation acceptable to the agency at the time of placement may mean denial of the experience, which in turn will prevent completion of the program of studies.

Some Clinical agencies may require students to take an Oath of Confidentiality.

**Note:** All costs associated with the above requirements are the responsibility of the individual student.

## CONTENT

The program admits students every semester and is organized into 4 courses.

This self-paced, program is offered on a semester basis. The program includes on-line material for home study with on-line exams, nursing skill laboratory sessions and hospital clinical experience. The content provides students with the knowledge and skills necessary to provide safe nursing care for adults in the health care setting.

### Required courses:

GNUR 1120	Graduate Nurse Re-entry: Theory	3 credits
GNUR 1104	Pharmacology	2.5 credits
GNUR 1180	Lab and Workshop	3 credits
GNUR 1210	Preceptorship	6.5 credits

**Note:** The preceptorship course is 160 practice hours (minimum) and takes place in a nursing practice setting. The student may suggest the setting and every effort will be made to accommodate the student's request.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Citation in Graduate Nurse Re-Entry**.

# Graduate Nurse, Internationally Educated Re- entry: Certificate

Faculty of Community And Health Studies	
kwantlen.ca/health	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Certificate
OFFERED AT	FORMAT
Surrey	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

This unique program prepares internationally educated nurses to work as registered nurses in British Columbia. This program is designed for nurses who are required by the College of Registered Nurses of British Columbia (CRNBC) to renew and enhance nursing knowledge and skills, to write the Canadian Registered Nurse Examination (CRNE).

This program is designed to:

- Prepare internationally educated nurses to practice within the Canadian health care setting
- Renew and enhance previously acquired knowledge and skills
- Identify and address individual needs
- Ensure graduates meet the professional practice requirements
- Enable effective communication skills with patients and colleagues
- Prepare graduates to be eligible to write the CRNE required for registration as a nurse in British Columbia

**Note:** Clinical placements could take place at any of the Lower Mainland hospitals between North Vancouver and Chilliwack. Students are responsible for their own transportation to clinical experiences.

## CAREER OPPORTUNITIES

Upon successful completion of the program and the Canadian Registered Nurse Examination, graduates will be eligible to apply to practice as a registered nurse in British Columbia.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply.

- A letter from the CRNBC recommending or requiring the program
- Registered nurse experience in the last 10 years or graduation from an RN program within the past 10 years
- Proof of Canadian CPR Level C certificate; CPR certification must remain current throughout the program.
- Immunizations consistent with the requirements of clinical agencies. A Canadian TB skin test or chest x-ray dated within 2 years of registering into the program. Some practice experience agencies may require proof of current immunizations. Failure to have acceptable documentation at the time of placement may jeopardize the completion of the program.
- Criminal record review issued by the BC Ministry of Public Safety and Solicitor General. A criminal record check review is required by the CRNBC prior to registration as a nurse and is pre-practice requirement of some of the clinical agencies used during the program. Related costs are the responsibility of the individual student. The CRNBC may refuse to register any person who has been convicted of an indictable offence.

**Note:** Some agencies may require students to take an Oath of Confidentiality.

If any practice experience agencies require proof of current immunizations, students are responsible for all costs related to immunization. Failure to have acceptable documentation at the time of placement may jeopardize completion of the program.

## CONTENT

This is a full-time, continuous, three semester program that includes classroom instruction, independent study, online study, nursing skill laboratory sessions, and hospital clinical experience. The content provides students with the knowledge and skills necessary to provide safe nursing care for adults in the health care setting.

A student must achieve a minimum grade of C in a theory course and mastery in a clinical course in order to progress to a subsequent course and to receive the program certificate. The clinical experience evaluation includes judgments about interpersonal skills, professional behaviour, and clinical knowledge and skills based on the CRNBC scope of practice standards. If a student is not successful in one course withdrawal from co-requisite courses is mandatory.

### Semester 1

Students will explore the fundamental concepts of nursing in the Canadian setting including the nurse/patient relationship, teaching/learning theory, health promotion, the nursing process, patient-focused care, and growth and development theories. They will have an opportunity to acquire new psychomotor skills and practice previously learned psychomotor skills consistent with the scope of registered nursing practice in acute, sub-acute, and long-term care settings in Canada.

Students will also learn the fundamental principles of pharmacology and become familiar with the generic and trade names of drugs prescribed for common health challenges and will explore the use of pharmacology fundamentals in the nurse's role within Canadian society.

Students will apply nursing theory and skills in an adult acute care unit.

#### All of:

GNEA 1108      Nursing Theory I      8.5 credits

GNEA 1104	Pharmacology	2.5 credits
GNEA 1106	Nursing Experience I: Medicine	3 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Graduate Nurse, Internationally Educated Re-entry**.

### Semester 2

Students will examine in greater depth ethical, legal and professional issues and standards of nursing practice. They will apply their knowledge of anatomy and physiology to the principles of illness and injury. Students will use critical thinking skills in applying these principles to medical and surgical health issues in an adult population.

Students will examine Canadian values, health, and the health care delivery system in Canada. They will explore the social and cultural dimensions of the health care environment and the major trends that affect health, broadly conceptualized, in Canada.

Students will apply nursing theory and practice nursing skills in an acute care surgical unit, as well as a unit that may be acute or sub-acute.

#### All of:

GNEA 1204	Canadian Culture and the Health Care Environment	1 credits
GNEA 1208	Nursing Theory II	6 credits
GNEA 1206	Nursing Experience II: Surgery	3 credits
GNEA 1216	Nursing Experience 3: Practicum	3 credits

### Semester 3

Students will integrate and apply nursing theory and practice skills necessary for the scope of RN practice. They will develop caring professional relationships with patients and effective working relationships with peers and facility staff. They will practice leadership and mentorship skills.

Students will continue to explore advanced nursing concepts such as leadership, family nursing, community nursing, and legal and ethical concepts. They will also prepare for the CRNE.

#### All of:

GNEA 1308	Nursing Theory 3	4 credits
GNEA 1316	Nursing Experience 4	3 credits

#### And one elective from:

GNEA 1318	Nursing Theory 4	4 credits
NRSG 3190	Access for Registered Nurses	4.5 credits

## OTHER INFORMATION

### Costs

In addition to tuition fees, students will spend approximately \$2,000 for textbooks, course materials, uniforms, during the program. Students are also responsible for providing their own transportation to clinical experiences.

# Health Care Assistant: Certificate

<b>Faculty of Community And Health Studies</b>	
kwantlen.ca/health	
<b>IMPLEMENTATION DATE</b>	<b>START DATE(S)</b>
01-Sep-2011	September January
<b>ADMISSION TYPE</b>	<b>ENROLMENT TYPE</b>
Selective entry	Limited enrolment
<b>PROGRAM TYPE</b>	<b>CREDENTIAL GRANTED</b>
Vocational	Certificate
<b>OFFERED AT</b>	<b>FORMAT</b>
Langley	Full-time
<b>HOW TO APPLY</b>	
www.kwantlen.ca/admission	

## DESCRIPTION

The Health Care Assistant (HCAP) program is designed to provide students with opportunities to develop the knowledge, skills and values necessary to function as a front-line caregiver in a variety of long-term care settings that include both residential care facilities and home support agencies. The graduate is prepared to provide care to older adults experiencing diverse, often complex but relatively stable, health and illness needs.

Graduates are prepared to function collaboratively as members of an inter-disciplinary health care team. In a facility they work under the direct supervision of an appropriate health professional. In the home care setting they work more independently but are always under the direction of a health professional.

In addition to tuition fees, students will spend approximately \$1,500 for textbooks, course materials, uniforms and shoes, transportation and parking, etc., during the program. Students are responsible for providing their own transportation to clinical experiences.

## CAREER OPPORTUNITIES

Upon completion of the program, graduates are qualified to work in any level of continuing care services, including:

- Home Support
- Complex Care
- Assisted Living
- Adult Day Care

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply:

- A criminal record review, issued by the BC Ministry of Public Safety and Solicitor General. Applicants who are not a Canadian citizen are required to secure a Criminal Record Search with the Vulnerable Sector from their country of origin.

- Immunizations consistent with the requirements of clinical agencies.
- Food Safe Level I course
- Valid First-Aid Certificate (St. John's Ambulance Standard First Aid or Red Cross Standard First Aid)
- Canadian CPR level C
- Canadian TB test

Students who do not meet Kwantlen's General university admission requirements for English Proficiency may meet this requirement with:

- A minimum score of writing level 8 on Kwantlen's Accuplacer test. Applicants whose first language is not English and who have taken less than 9 years of education in Canada are required to take Kwantlen's Accuplacer ELST test and achieve a score of 98 with a writing band of 5.

Students in the program are required to demonstrate the ability to perform a variety of cognitive, emotional and psychomotor skills safely and knowledgeably. Students with physical, intellectual, or emotional disabilities are obligated to contact the coordinator of the Health Care Assistant program to discuss the required skills and competencies.

## CONTENT

The program is 30 weeks in length.

The student will spend a total of approximately 870 hours in a variety of learning environments over the program length, including classroom, nursing laboratory, resident care facilities, and home care environments. They will be expected to do both daytime (0700–1500) and evening (1500–2300) shifts.

The last five weeks of the program will be a full-time work experience.

### Semester 1

#### All of:

ABTY 1141	Introductory Word Processing	3 credits
ECHS 1114	Communications for Caring Professions	2 credits
HCAP 1120	Wellness: Health, Lifestyle & Choice	1.5 credits
HCAP 1124	Health and Healing: Concepts for Practise 1	3 credits
HCAP 1125	Personal Care Skills & Clinical Practise	6 credits
HCAP 1135	Person Centered Practice in Healthcare	1.5 credits

### Semester 2

#### All of:

HCAP 1224	Health and Healing: Concepts for Practise 2	3 credits
HCAP 1225	Health Care Assistant Advanced Skills	3 credits
HCAP 1240	Dementia and Special Needs: Theory and Practise	5 credits
HCAP 1245	Health Care Assistant Final Practicum	5 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Health Care Assistant**.

## Health Unit Coordinator: Certificate

Faculty of Community And Health Studies	
kwantlen.ca/health	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Certificate
OFFERED AT	FORMAT
Langley	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Health Unit Coordinator Program provides students with opportunities to develop the knowledge, skills, and values required to work as a Unit Coordinator on a nursing unit at an acute care hospital, clinic or long term care unit. Graduates are also prepared to work as members of a multidisciplinary health care team.

In addition, the program is available to currently employed Unit Coordinators who wish to upgrade their skills.

During the program, students will learn how to transcribe and prioritize doctors' orders accurately and to coordinate appointments and activities for patients. Students will also learn how to communicate effectively with medical personnel, patients and families.

The last 4 weeks of the program provide students with opportunities to demonstrate the theory and skills learned in the classroom in a clinical setting as their practicum. Students will work with a preceptor and an instructor to meet their objectives.

The practicum is offered in cooperation with hospitals in the Lower Mainland and a variety of practicum settings will be used to give students diverse hospital experiences.

Student loans are available for this full-time program. Students are also responsible for costs related to travel to practicum, uniforms, and textbooks.

This program is offered on the Langley Campus on a full-time (day) or full-time (evening) basis.

## CAREER OPPORTUNITIES

Graduates of the HAUC program find employment as Unit Coordinators (also known as Nursing Unit Assistants and Unit Clerks) in acute and long term care nursing units as well as clinics.

The HAUC certificate is recognized by the Health Authorities in the Lower Mainland.

# PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply.

- Typing speed 40 wpm (50 wpm upon completion of the program)
- Attendance at a Health Unit Coordinator Information Session
- Criminal Record review issued by the BC Ministry of Public Safety and Solicitor General
- If you are not a Canadian citizen, you are required to secure a Criminal Record Search with the Vulnerable Sector from your country of origin.

**Note:** Computer skills are highly recommended for students applying for this program.

## CONTENT

Students must achieve and maintain a B- grade or higher in this program.

### Semester 1

Designed to give students a theoretical background to the subject matter and its application.

**All of:**

HAUC 1000	Medical Terminology	5 credits
HAUC 1005	Communication and Logistic Skills	2.5 credits
HAUC 1010	Chart Records and Admissions	2.5 credits
HAUC 1015	Pharmacology Fundamentals	2.5 credits

### Semester 2

The course work will blend theoretical and practical subject materials. Practical experience on a nursing unit will be incorporated in the program.

**All of:**

HAUC 1100	Treatment and Medication Orders	3.5 credits
HAUC 1110	Laboratory Orders I	2 credits
HAUC 1115	Laboratory Orders II	2 credits
HAUC 1120	Diagnostic Orders	3 credits
HAUC 1125	Medical/Surgical/Maternity Orders	2.5 credits
HAUC 1200	Practicum	4 credits

The final practicum involves a 168 hour practicum in an assigned nursing unit working with a unit coordinator as a preceptor and a Practicum Supervisor. Students will gradually assume the responsibilities of the role while completing their objectives.

Total Program Hours – 678 (approximately 33-40 weeks full-time)

# GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Health Unit Coordinator**.



# Nursing: Bachelor of Science in Nursing

Faculty of Community And Health Studies	
kwantlen.ca/health	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Surrey	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The program is approved by the College of Registered Nurses of British Columbia (CRNBC) and is accredited by the Canadian Association of Schools of Nursing (CASN).

The purpose of the program is to educate nurses to work with individuals, families, groups and communities from a health promotion perspective and with an ethic of caring.

The program will assist students to develop sensitivity to people's experiences with health and healing. Students will learn to work as partners with clients and with other health care providers. Through their understanding of and participation in the changing health care system, graduates will be active participants in creating health for all.

Students complete eight (8) academic semesters and four (4) consolidated practice experiences to graduate with a Bachelor of Science in Nursing (BSN) degree. Graduates will be eligible to apply to write national examinations to obtain registration to practice as registered nurses in British Columbia. Access to degree completion by registered nurses is outlined separately.

The curriculum of the Bachelor of Science in Nursing program is based on the concepts of caring and health promotion and has been developed in consultation with nursing practitioners, theorists, professional associations, and various government ministries. The program includes non-nursing courses that complement nursing theory and practice. The curriculum considers the changing health care needs of our society. Caring is understood as the attitude and activity of nursing and is considered in every nursing course.

A health promotion perspective has been used to organize the curriculum. This shift in focus from illness to health represents a deliberative move away from a medical model to an understanding of nurses' work as focusing on people and their experiences with health and healing. Inherent in this orientation is the use of teaching methodologies that encourage the development of critical thinking and the discovery of personal meaning and personal power.

There is an emphasis on practice experiences as the foundation of nursing theory and the recognition that nurses' work requires thoughtful, reflective action as defined by the concept of praxis. To assist in actualizing the concept of praxis, nursing practice

experiences have been integrated throughout the program of studies. The concept of praxis is used to guide students to critically reflect on their practice and on their application of nursing knowledge and clinical judgment within the practice setting.

Students who enrol in the program have access to an online student manual that provides information regarding program guidelines. Students are responsible for familiarizing themselves with University policies and Bachelor of Science in Nursing guidelines. The faculty are continually reviewing the program guidelines in order to offer the best program possible. Guidelines are updated on an annual basis. Therefore, the most current version of any guideline is the one that will apply to all students in that calendar year.

## Nursing Practice Experiences

Nursing practice experiences are essential in the nursing program. Students will be directly involved with clients in their homes and in institutional and community settings in each semester. These experiences may involve evenings and weekends. Practice experiences occur throughout the Lower Mainland. Students are responsible for their own transportation and other expenses incurred as part of these experiences.

Some agencies may require students to take an Oath of Confidentiality, have an additional criminal record search, have required immunizations, or have a successful interview with their personnel prior to their agreement to accept the student. Failure to have documentation acceptable to the agency at the time of placement may result in denial of the experience, which in turn may prevent completion of the program of studies.

## Degree Completion for Registered Nurses

Registered Nurses pursuing degree completion (BSN), please see Degree Completion for Registered Nurses for more information.

## CAREER OPPORTUNITIES

Graduates of the program will be prepared to function as team members in non-specialized/specialized acute care, intermediate and/or long term care hospitals, clinics, home care agencies, and community health agencies.

## PROGRAM ADMISSION REQUIREMENTS

### Important Notice for Applicants

Students are encouraged to complete the non-nursing courses prior to admission or during the semester in which they are scheduled. The workload of the program makes it difficult to take these courses at any other time.

Please be advised that applications to this program will only be accepted from Canadian citizens and permanent residents / landed immigrants of Canada.

Further, program admission requirements are changing, effective for the Fall 2012 semester. Refer to the 2012-13 calendar for further details.

### Admission Requirements for the September 2012 Intake

Program admission requirements for this program are changing, effective for the Fall 2012 intake. Details are available here.

## Year One Admission:

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply.

- English 12 with a grade of B (or equivalent), or ENGL 1100 with a grade of C (or equivalent)
- Principles of Mathematics 11 with a grade of C (or equivalent)
- Biology 12 and Chemistry 11 with a grade of C+ (or equivalent), or  
BIOL 1110 with a grade of C or equivalent

Once students have received a conditional offer of admission and before final admission to the BSN program is granted, students must submit the following:

- Standard First Aid and Canadian CPR Level C courses that are current at the time of entering the program. CPR certification must be current throughout the program and may be required annually by some practice agencies. (All costs and associated updates are the responsibility of the student)
- Immunizations consistent with the requirements of practice agencies. (All costs are the responsibility of the student)
- An acceptable criminal record review issued by the BC Ministry of Public Safety and Solicitor General, completed within six months of enrolling in the program. The College of Registered Nurses of British Columbia requires a criminal record search prior to registration as a nurse and a criminal record search may also be a pre-practice requirement of some of the clinical agencies used during the program. (All costs related to having this search done are the responsibility of the student).
- Applicants who have lived outside of Canada as an adult are required to secure a Criminal Record Search with the Vulnerable Sector from their country of origin. Please contact the Office of Admissions for further direction on obtaining your criminal record check.
- An interview and/or letters of reference may be required
- Any other specified conditions of admission prior to the date specified in the offer of admission letter

## APPLICATION GUIDELINES

Applicants are required to submit a completed on-line application for admission to the BSN program as well as official high school and post-secondary transcripts. Official transcripts must be sent directly to Kwantlen's Office of Admissions from the institution attended / issuing body in a sealed envelope, signed by the institution or bearing an official seal.

Applications will be accepted from November 1 to November 7 for admission to the following Fall (September) semester. Applications will be accepted from March 1 March 7 for admission to the following Spring (January) semester.

Applicants currently in high school must submit an official interim transcript by the third Friday of November for September and the third Friday of March for January, indicating that the program academic admission requirements will be completed by the end of June.

## SELECTION OF QUALIFIED APPLICANTS

Only students who meet all of the program's admission requirements as outlined above will be considered for admission. Meeting the criteria does not guarantee admission into the program. The number of applicants to the Bachelor of Science in Nursing program far exceeds the number of available seats.

As a result, the Bachelor of Science in Nursing program will admit qualified applicants through a computer-generated random selection and a point system. Variable points will be awarded for:

- geographical location
- relevant education (e.g. completion of non-nursing courses required in the program)
- persistent application to the program

For further details regarding the selection process, please contact the Office of Admissions (604.599.2000).

To accept and secure a seat in the program, applicants must pay a non-refundable commitment fee.

## CONTINUANCE REQUIREMENTS

Students in the program must maintain a cumulative GPA of 2.33 with no grade lower than C in all required courses, including electives.

## CONTENT

### CONTENT CHANGE EFFECTIVE JANUARY 2012

Content in the Bachelor of Science in Nursing has been revised for all students admitted to the program in January 2012. New program requirements are listed at the end of this section.

The maximum time for degree completion for this program from time of program entry is seven years. This program of studies includes:

### Semester 1: Personal Meaning of Health

The first semester of the program focuses on people's personal experience with health. Students explore their own experiences of health and healing. They begin to learn about the complexities of nurses' work through observing and interacting with nurses in various areas of practice.

Students visit a resource family in order to acknowledge and understand other people's experiences of health and healing. Biology and English courses are offered concurrently with the nursing courses.

#### All of:

BIOL 1160	Anatomy and Physiology I	4 credits
ENGL 1100	Writing, Reading and Thinking: An Introduction (or any first year University transferable English course)	3 credits
NRSG 1111	Health 1: Health Styles	2 credits
NRSG 1121	Professional Growth 1: Nurses' Work	3 credits
NRSG 1130	Self and Others 1: Self-Awareness	2 credits
NRSG 1141	Nursing Practice 1	4 credits

### Semester 2: Chronic Health Challenges

The second semester focuses on people's experience of living with a chronic health challenge which might include a chronic physical condition, or an experience such as poverty. Students obtain nursing practice experience on rehabilitation and medical units in an institutional setting. In addition, students visit a family

living with a chronic health challenge. Biology and English courses are offered concurrently with the nursing courses.

**All of:**

BIOL 1260	Anatomy and Physiology II	4 credits
ENGL 1202	Reading and Writing about Selected Topics: An Introduction to Literature (or any first year university transfer English course)	3 credits
NRSNG 1210	Health 2: Facilitating Health and Healing in Families	2 credits
NRSNG 1231	Self and Others 2: Creating Health Promoting Relationships	2 credits
NRSNG 1241	Nursing Practice 2	7 credits

Following completion of Semester 2, students have a six-week practice experience that enables consolidation and integration of the concepts and skills learned in the first year of study. Experiences are on a medical or rehabilitation unit.

NRSNG 1350	Consolidated Practice Experience 1	3.5 credits
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**Semester 3: Episodic Health Challenges**

Students continue to develop a health promotion perspective with people experiencing challenges around healing. Students work with a generative family and with a family experiencing an episodic health challenge.

Nursing practice experiences also involve placements on acute Medical and Surgical units.

**All of:**

NRSNG 2111	Healing 1: Episodic Health Challenges	2 credits
NRSNG 2141	Nursing Practice 3	10 credits
NRSNG 2160	Health Science 3: Pathophysiology 1	2 credits

Elective

**Semester 4: Complex Episodic Health Challenges**

In the fourth semester, students continue to visit their generative family, and also to work with a family with a complex episodic health challenge. Nursing practice experiences also involve placements on medical and surgical units. Students further develop their repertoire of cognitive, interpersonal, organizational, and practice skills to promote healing. Pattern recognition, critical decision-making, and increased self-directedness are emphasized. Students are also given the opportunity to understand factors that affect work life and the impact of this on a nurse.

**All of:**

NRSNG 2211	Healing Workshop 2: Complex Episodic Health Challenges	2 credits
NRSNG 2220	Professional Growth 2: The Nursing Profession	2 credits

NRSNG 2241	Nursing Practice 4	10 credits
NRSNG 2260	Health Science 4: Pathophysiology 2	2 credits

The five-week practice experience that follows semester 4 enables consolidation and integration of the concepts and skills learned in the first and second years of study. Practice experiences will occur in medical/ surgical and obstetrical settings.

NRSNG 2350	Consolidated Practice Experience 2	4.5 credits
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**Semester 5: Prevention**

In the fifth semester, students work as members of the health care team and begin to use leadership skills. They work in a variety of agencies focusing on issues of prevention. Acute care nursing practice experiences take place in pediatric and mental health settings. Students also work with groups and families, focusing on prevention strategies. The health course (NRSNG 3111) provides opportunities for students to consider health education from a primary, secondary and tertiary prevention perspective.

**All of:**

NRSNG 3111	Health 3: Teaching and Learning for Prevention	2 credits
NRSNG 3141	Nursing Practice 5	7.5 credits
NRSNG 3160	Health Science 5: Advanced Health Challenges	3 credits
PHIL 3010	Health Care Ethics	3 credits

**Semester 6: Health Promotion and Community Empowerment**

Semester 6 focuses on health promotion and community empowerment using the concept of 'community as client.' Nursing practice placements are with health-related community groups or organizations. Students in this semester also explore the processes of nursing inquiry and research as a foundation for evidence-based practice.

**All of:**

NRSNG 3211	Health 4: Health Promotion and Community Empowerment	3 credits
NRSNG 3220	Professional Growth 4: Research	3 credits
NRSNG 3225	Professional Growth 3: Nursing Inquiry	3 credits
NRSNG 3231	Self and Others 3: Reflection on Caring Practice	3 credits
NRSNG 3241	Nursing Practice 6	4.5 credits

Consolidated Practice Experiences (CPE) 3 and 4 occur in the academic semester following Semester 6. These experiences are each five weeks long with CPE 3 focusing on practice in acute care and CPE 4 involving experiences in community agencies.

NRSNG 3350	Consolidated Practice Experience 3	4.5 credits
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NRSB 3355 Consolidated Practice Experience 4 4.5 credits

NRSB 1122 Professional Growth 1: Introduction to the Profession of Nursing 3 credits

NRSB 1131 Self and Others 1: Self-Awareness and Interpersonal Communications 3 credits

NRSB 1141 Nursing Practice 1 4 credits

## Semester 7: Societal Health

Semester 7 focuses on societal health and nurses influencing change. This semester explores ways nurses can influence and create their future as professionals within the health care system. Nursing practice placements are in a wide variety of community organizations.

## Semester 2: Chronic Health Challenges

### All of:

NRSB 4111 Professional Growth 5: Nurses Influencing Change 3 credits

NRSB 4120 Qualitative and Quantitative Analysis 3 credits

NRSB 4141 Nursing Practice 7 Elective 4.5 credits

### All of:

BIOL 1260 Anatomy and Physiology II 4 credits

ENGL 1202 Reading and Writing about Selected Topics: An Introduction to Literature (or any first year university transfer English course) 3 credits

NRSB 1211 Health: Societal Perspectives, Health and Healing 3 credits

NRSB 1242 Nursing Practice 2 8.5 credits

## Semester 8: Transitions

Semester 8 provides students with opportunities to enrich their overall program of study. The theme for this semester is Transitions, that is, making the change from student to practitioner. Students refine previous learning and develop proficiency in an area of practice. The ten week nursing practice experience involves working full time directly with a registered nurse.

## Semester 3: Episodic Health Challenges

### All of:

NRSB 2111 Healing 1: Episodic Health Challenges 2 credits

NRSB 2141 Nursing Practice 3 10 credits

NRSB 2160 Health Science 3: Pathophysiology 1 2 credits

Elective 3 credits

### All of:

NRSB 4211 Health/Professional Growth: Transitions 3 credits

NRSB 4242 Consolidated Nursing Practice 8 8.5 credits

## CONTENT EFFECTIVE JANUARY 2012

The following are the program requirements for students admitted to the January, 2012 intake.

Effective January 2012, students are required to complete 125.5 credits of course requirements. Students complete eight (8) academic semesters and one (1) additional consolidated practice experiences to graduate with a Bachelor of Science in Nursing (BSN) degree.

**Note:** Students requesting transfer from the existing BSN program to the January 2012 BSN program requirements will be considered on an individual basis and in accordance with the current BSN program Admissions, Progressions, and Prior Learning Assessment policies and protocols.

## Semester 4: Complex Episodic Health Challenges

### All of:

NRSB 2211 Healing Workshop 2: Complex Episodic Health Challenges 2 credits

NRSB 2221 Professional Growth 2: The Nursing Profession 2 credits

NRSB 2241 Nursing Practice 4 10 credits

NRSB 2260 Health Science 4: Pathophysiology 2 2 credits

## Semester 1: Personal Meaning of Health

### All of:

BIOL 1160 Anatomy and Physiology I 4 credits

ENGL 1100 Writing, Reading and Thinking: An Introduction (or any first year University transferable English course) 3 credits

## Semester 5: Prevention

### All of:

NRSB 3142 Nursing Practice 5: Mental Health 2.5 credits

NRSB 3143 Nursing Practice 5: Child and Family Health 2.5 credits

NRSB 3161 Health Science 5: Health Challenges for Children and Mental Health Issues Across the Lifespan 3 credits

PHIL 3010	Health Care Ethics	3 credits
NRSG 3130	Self & Others 2: Advanced Communications	3 credits

## Semester 6: Health Promotion and Community Empowerment

### All of:

NRSG 3212	Health 2: Health Promotion and Community Nursing	3 credits
NRSG 3213	Health 3: Capacity Building	3 credits
NRSG 3241	Nursing Practice 6	4.5 credits
NRSG 3242	Nursing Practice 6: Community Nursing	1 credit
NRSG 3242	Nursing Practice 6: Maternal Child	2 credits

Consolidated Practice Experiences (CPE) 1 occurs in the academic semester following Semester 6.

NRSG 3350	Consolidated Practice Experience 1	4.5 credits
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## Semester 7: Societal Health

### All of:

NRSG 4112	Health 5: Influencing Change	3 credits
NRSG 4122	Professional Growth 4: Qualitative & Quantitative Analysis	3 credits
NRSG 4141	Nursing Practice 7	4.5 credits
NRSG 4121	Professional Growth 3: Inquiry and Research Methods	3 credits
Elective		3 credits

## Semester 8: Transitions

### All of:

NRSG 4242	Consolidated Nursing Practice	8.5 credits
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## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Bachelor of Science in Nursing (BSN)**.

# Nursing: Degree Completion for Registered Nurses

Faculty of Community And Health Studies	
kwantlen.ca/health	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

For general information about the Bachelor of Science in Nursing (BSN), please see the main program page.

This option provides Registered Nurses with access to Semester 6 for completion of a Bachelor of Science in Nursing degree. Once admission requirements are met, Registered Nurses complete the equivalent of three semesters of full time study.

Diploma graduates from the Collaborative Nursing Program in BC may be admitted directly into Semester 6 depending on seat availability and date of diploma program completion.

An access course, NRSG 3190, is available for Registered Nurses who are graduates of other nursing programs.

Prior Learning Credit may be available for Registered Nurses who have equivalent learning experiences or have completed continuing education and nursing specialty courses. The cost of Prior Learning Assessment (PLA) is the responsibility of the student.

## PROGRAM ADMISSION REQUIREMENTS

Admission into Semester 6 for registered nurses is based on seat availability, meeting Kwantlen's General University Admission Requirements, plus the following program specific requirements:

1. Completion of one of the following:
  1. the diploma program at a Collaborative Nursing Program in a BC institution or
  2. an individual assessment and the access course (NRSG 3190) offered at Kwantlen within two (2) years prior to entry.
2. Proof of practicing membership with the College of Registered Nurses of BC (CRNBC) that must remain current throughout the program.
3. Submission of an official transcript indicating completion of a diploma in nursing program.
4. Completion of ENGL 1100 and ENGL 1202 (or equivalent 6 credits of undergraduate English) and two other undergraduate elective (6 credits).

5. Completion of a Canadian CPR Level C course, which is current at the time of entering the program. This must remain current throughout the program.
6. Immunizations consistent with the requirements of practice agencies.
7. An interview and/or letters of reference, if requested.

**Note:** The Kwantlen access course for registered nurses must be completed by all nursing program diploma graduates who are not graduates of a Collaborative Nursing Program in order to ensure that those entering Semester 6 have the knowledge and abilities equivalent to other students in the program.

## CONTINUANCE REQUIREMENTS

Students in the program must maintain a cumulative GPA of 2.33 with no grade lower than C in all required courses, including electives.

## CONTENT

The maximum time for degree completion for registered nurses from time of program entry is six years. The program of studies for Registered Nurses includes:

### Semester 6: Health Promotion and Community Empowerment

**All of:**

NRSG 3211	Health 4: Health Promotion and Community Empowerment	3 credits
NRSG 3220	Professional Growth 4: Research	3 credits
NRSG 3225	Professional Growth 3: Nursing Inquiry	3 credits
NRSG 3231	Self and Others 3: Reflection on Caring Practice	3 credits
NRSG 3241	Nursing Practice 6	4.5 credits

### Semester 7: Societal Health

**All of:**

NRSG 4111	Health/Professional Growth: Influencing Change	3 credits
NRSG 4120	Qualitative and Quantitative Analysis	3 credits
NRSG 4141	Nursing Practice 7	4.5 credits

One undergraduate elective to be completed prior to entering Semester 8

### Semester 8: Transitions

**All of:**

NRSG 4211	Health/Professional Growth: Transitions	3 credits
NRSG 4242	Consolidated Nursing Practice	8.5 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Bachelor of Science in Nursing (BSN)**.

# Psychiatric Nursing: Bachelor of Psychiatric Nursing

Faculty of Community And Health Studies	
kwantlen.ca/health	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Surrey	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The program is recognized by the College of Registered Psychiatric Nurses of British Columbia (CRPNBC).

The purpose of the program is to educate learners to be competent, creative and caring practitioners of psychiatric/mental health nursing, who apply their creativity and critical thinking skills in the roles of direct care provider, educator, clinician, researcher, manager and/or entrepreneur.

Learners have opportunities to develop sensitivity to people's experiences with health and healing. Practicing within the psychiatric nurse's professional role, learners work as partners with individuals, families, groups, communities, and with other health care providers. Through their understanding of and participation in the changing health care system, graduates will be active participants in promoting health.

Learners complete eight (8) academic semesters to graduate with a Bachelor of Psychiatric Nursing (BPN) degree. Graduates will be eligible to apply to write national examinations to obtain registration to practice as Registered Psychiatric Nurses in British Columbia. Access to degree completion by Registered Psychiatric Nurses is outlined separately.

The curriculum of the Bachelor of Psychiatric Nursing program is based on the concepts of caring, teaching, learning, health, growth, change, and facilitative leadership. The program includes a strong Liberal Education component with 42/121.5 credits of courses that complement psychiatric nursing theory and practice. The curriculum considers the changing health care needs of our society. Caring and communication are understood as the attitude and activities of psychiatric nursing and are considered in every nursing course.

A health promotion perspective has been used to organize the curriculum. This shift in focus from illness to health represents a deliberative move away from a medical model to an understanding of nurses' work as focusing on people and their experiences with health and healing. Inherent in this orientation is the use of teaching methodologies which encourage the development of critical thinking, and the discovery of personal meaning and personal power.

There is an emphasis on practice experiences as the foundation of psychiatric nursing theory and the recognition that nurses' work requires thoughtful, reflective action as defined by the concept of praxis. To assist in actualizing the concept of praxis, nursing practice experiences have been integrated throughout the program of studies. The concept of praxis is used to guide learners to critically reflect on their practice and on their application of psychiatric nursing knowledge and clinical judgment within the practice setting.

Learners who enrol in the program will receive a learner resource manual that provides information regarding program policies. Learners are responsible for familiarizing themselves with University policies and Bachelor of Psychiatric Nursing program policies.

## Nursing Practice Experiences

Psychiatric/mental health nursing practice experiences are essential in the BPN program. Learners will be directly involved with clients in their homes and in institutional and community settings in each semester. These experiences may involve evenings and weekends. Practice experiences occur throughout the Lower Mainland, and learners may choose to have placements beyond the Lower Mainland including international placements. Learners are responsible for their own transportation and other expenses incurred as part of these experiences.

Some agencies may require learners to take an Oath of Confidentiality, have an additional criminal record search, or have a successful interview with their personnel prior to their agreement to accept the learner. Failure to have documentation acceptable to the agency at the time of placement may result in denial of the experience, which in turn may prevent completion of the program of studies.

## Degree Completion for Registered Psychiatric Nurses

This option provides registered psychiatric nurses with access to Semester 5 for completion of a Bachelor of Psychiatric Nursing degree. Once admission requirements are met, registered psychiatric nurses complete the equivalent of four semesters of full-time study.

**Note:** Admission requires the completion of CAHS 3500.

## CAREER OPPORTUNITIES

Graduates of the program will be prepared to function as team members and leaders of mental health settings including forensic psychiatry, addiction facilities, acute care, intermediate and/or long term care hospitals, clinics, home care services, and various community healthcare centres.

## PROGRAM ADMISSION REQUIREMENTS

### IMPORTANT NOTICE FOR APPLICANTS

Learners are encouraged to complete the non-nursing courses prior to admission or during the semester in which they are scheduled. The workload of the program makes it difficult to take these courses at any other time.

### Year One Admission:

In addition to Kwantlen's General university admission requirements including the undergraduate-level English

Proficiency Requirement, the following program admission requirements apply.

- English 12 with a grade of B (or equivalent), or ENGL 1100 level with a grade of C (or equivalent)
- Principles of Mathematics 11 with a grade of C (or equivalent)
- Biology 12 and Chemistry 11 with a grade of C+ (or equivalent), or  
BIOL 1110 with a grade of C (or equivalent)

### ADDITIONAL REQUIREMENTS

Upon conditional acceptance to the program, additional admission requirements need to be completed prior to receiving final acceptance. These include:

- Standard First Aid and HCP-CPR Level C courses which are current at the time of entering the program. HCP-CPR certification must be current throughout the Program. (All costs and associated updates are the responsibility of the student).
- Immunizations consistent with the requirements of practice agencies. (All costs are the responsibility of the student).
- An acceptable criminal record review issued by the BC Ministry of Public Safety and Solicitor General, completed within six months of enrolling in the program. The College of Registered Psychiatric Nurses of British Columbia requires a criminal record search prior to registration as a Registered Psychiatric Nurse and a criminal record search may also be a pre-practice requirement of some of the clinical agencies used during the program. (All costs related to having this search done are the responsibility of the student).
- If you are not a Canadian citizen, you are required to secure a Criminal Record Search with the Vulnerable Sector from your country of origin. This requirement is in addition to the Canadian Criminal Record Search with Vulnerable Sector through your application with the College of Registered Nurses of BC. Please contact the Office of Admissions for further direction on obtaining your criminal record check.
- An interview and/or letters of reference may be required.

### Degree Completion for Registered Psychiatric Nurses

Admission into Semester 5 for registered psychiatric nurses is based on seat availability and the following program requirements:

- Successful completion of CAHS 3500
- Proof of practicing membership in the CRPNBC (which must remain current throughout the program).
- Submission of an official transcript indicating completion of a diploma in Psychiatric nursing program.
- Completion of a HCP-CPR level C course, which is current at the time of entering the program. (This must remain current throughout the program.)
- Immunizations consistent with the requirements of practice agencies.
- An interview and/or letter of reference, if requested.

### CONTINUANCE REQUIREMENTS

Learners in the program must maintain a cumulative GPA of 2.33 with no grade lower than C in all required courses, including electives.

## CONTENT

Completion of ENGL 1100 and ENGL 1204 (or equivalent 6 credits of undergraduate English) and two other undergraduate electives (3 credits each) are required for graduation.

### Semester 1: Individuals and Their Health

Learners will explore the personal meaning of health, complete health assessments, and counsel individuals on health maintenance. They will examine select theoretical and conceptual frameworks addressing caring, mental health, and the role of the RPN in working with individuals. Health will be understood as a resource for living affected by social determinants. In contrast to emphasizing diagnoses and deficiencies, the learner will emphasize the therapeutic use of self and self-awareness in working with a client to improve their health by focusing on their potentials.

#### All of:

PSYN 1100	Individuals and Their Health	5 credits
BIOL 1160	Anatomy and Physiology I	4 credits
ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
PSYC 1100	Introduction to Psychology: Basic Processes	3 credits

### Semester 2: Families and Their Health

Learners explore the concepts of family and family health using a broad definition of family, individuals within these units, and various family theories. These are studied in relation to the developmental conflicts associated with stages of growth, development, and losses within families. Challenges such as growth and development of families and of relationships of strangers to families will be explored. The effect of health challenges on the family and the individual within it will also be studied.

#### All of:

PSYN 1200	Families and Their Health : Psychiatric / Mental Health Nursing	5 credits
ANTH 1100	Social & Cultural Anthropology	3 credits
BIOL 1260	Anatomy and Physiology II	4 credits
ENGL 1204	Reading and Writing about Genre: An Introduction to Literature	3 credits

### Semester 3: Groups and Their Health

Learners will examine the stages of groups. Roles, relationships, challenges, and interventions for groups will be explored applying various theories. Students will apply select theories of group dynamics in co-leading small heterogeneous and homogeneous groups composed of persons experiencing mental health challenges. They will experience the role of the RPN in working through stages such as forming, norming, storming, and performing.



**All of:**

PSYN 2100	Groups and Their Health: Psychiatric/Mental Health Nursing	6.5 credits
PSYN 2120	Pharmacology and Other Therapeutics: Psychiatric/Mental Health Nursing	3 credits
FINA 1170	Photography I	3 credits
SOCI 1125	Introduction to Society: Processes and Structures	3 credits

**One of:**

ANTH 2142	First Nations Cultures of Canada	3 credits
CRIM 2330	Psychological Explanations of Criminal Behaviour	3 credits

**Semester 4: Acute Care**

Learners will study and practice within the many forms of acute care to work with clients to maintain, restore, or improve the health of people in communities.

**All of:**

PSYN 2200	Psychiatric/Mental Health Nursing: Acute Care as Community	7 credits
ANTH 2163	Culture, Health and Well-Being	3 credits
WOMN 2200	Footsteps of the Crone: Creative Teaching & Learning	3 credits
CAHS 3500	<i>Nursing Concepts and Theories</i> (for returning RPNs only)	4.5 credits

**Semester 5: Community Health**

In the fifth semester, learners will study and practice within the many forms of community and will apply community development models to work with communities to maintain, restore, or improve the health of people in communities. They will have practice in a variety of communities, including eldercare homes, retirement villages, community psychiatric and forensic units and prisons.

**All of:**

PSYN 3100	Community Health: Psychiatric Mental Health Nursing	7 credits
PSYC 3920	Aging	3 credits
WOMN 3100	Conceptual Traps & Health Care	3 credits
PSYN 3120	Psychiatric/Mental Health Nursing: Health Care Economics, Leadership and Management	3 credits

**Semester 6: Environment, Global Problems and Health**

Learners will apply nursing theory in identifying health challenges related to sources of environmental pollution. They will conduct assessments and epidemiological analysis of relationships among environment and health. Learners will engage in policy analysis and short- and long-term planning with families, groups, and communities. Health-related agencies will be the settings for clinical practice.

**All of:**

PSYN 3200	Global Problems and Health	7 credits
PSYN 3220	Issues in Mental Health Nursing	2 credits
PSYN 3230	Psychiatric/Mental Health: Nursing Research	3 credits
PSYN 3240	Qualitative and Quantitative Analysis	3 credits

**Semester 7: Capstone Consolidation**

Learners will practice in a variety of settings to integrate learning from previous nursing and non-nursing courses. They will work in small teams in the community providing psychotherapeutic care to individuals, families, and groups. Learners establish working contracts with their clients and provide therapeutic care in their nurse-client partnership. This will include advanced skills in interventions related to counselling, psychotherapy, or case management.

**All of:**

PSYN 4100	Capstone Course: Psychiatric / Mental Health Nursing	7 credits
PHIL 3010	Health Care Ethics	3 credits
SOCI 3345	Social Policy in Context	3 credits

**Semester 8: Preceptorship**

Learners participate in a preceptorship of their choice, based on availability of preferred placements. They will increase knowledge and skills to develop independence and confidence as a practitioner in the field of psychiatric/mental health nursing.

**Required:**

PSYN 4200	Psychiatric/Mental Health Nursing: Preceptorship	10 credits
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**Additional Requirements**

Completion of ENGL 1100 and ENGL 1204 (or equivalent 6 credits of undergraduate English) and two other undergraduate electives (3 credits each) are required for graduation.

**GRADUATION**

Upon successful completion of this program, students are eligible to receive a **Bachelor of Psychiatric Nursing (BPN)**.

# Special Education Teacher Assistant: Certificate

<b>Faculty of Community And Health Studies</b>	
kwantlen.ca/health	
<b>IMPLEMENTATION DATE</b>	<b>START DATE(S)</b>
01-Sep-2011	September January
<b>ADMISSION TYPE</b>	<b>ENROLMENT TYPE</b>
Selective entry	Limited enrolment
<b>PROGRAM TYPE</b>	<b>CREDENTIAL GRANTED</b>
Undergraduate	Certificate
<b>OFFERED AT</b>	<b>FORMAT</b>
Langley Richmond	Full-time Part-time
<b>HOW TO APPLY</b>	
www.kwantlen.ca/admission	

## DESCRIPTION

The Special Education Teacher Assistant (SETA) Certificate program prepares students for a variety of paraprofessional duties in schools. Special education teacher assistants work in Kindergarten through Grade 12 and assist teachers in providing personal care, behavioral, and learning support to students with diverse needs.

The program is completed in one year of full-time study on the Langley Campus or two years of part-time study on the Richmond Campus. Full-time students attend classes during the day from September through May over one year. Part-time students attend classes two evenings per week and alternate Saturdays from September through May over two years.

To integrate the knowledge and skills learned in the program, all students complete two four-week, full-time practicums in the schools over the course of their studies, one in an elementary school and one in a secondary school. During this time, a student will observe, assist, and work with children and adolescents with diverse needs under the guidance and supervision of professional staff.

## CAREER OPPORTUNITIES

Graduates of the SETA program find employment in elementary and secondary schools in B.C. as teacher assistants supporting students with diverse learning, behavioral, and personal care needs. The SETA Certificate is accepted as a qualification by all of the school districts in the Lower Mainland.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply.

- Grade 12 or the equivalent. Grade 12 equivalencies could consist of the Adult Provincial Diploma or the GED
- English 12 or equivalent with a minimum grade of C

- Approximately 100 hours of successful experience volunteering or working with children or youth, preferably in the schools. (Applicants must submit two letters from employers or responsible persons in the community certifying this experience.)
- Attendance at an information session
- Participation in a small group meeting with Coordinator or designate
- Criminal Record review issued by the BC Ministry of Public Safety and Solicitor General
- If you are not a Canadian citizen, you are required to secure a Criminal Record Search with the Vulnerable Sector from your country of origin. Note that your Criminal Record Search must be mailed directly from the issuing agency to Kwantlen Polytechnic University Admissions.

## CONTENT

This program consists of 890 hours of study for a total of 37.5 semester credits. Credits from the SETA program are accepted for transfer into select degree programs.

### TERM ONE

#### All of:

CMNS 1216	Writing for the Specialized Workplace 1	1.5 credits
ECHS 1112	Interpersonal Communications 1	1 credit
ECHS 1125	Principles of Observation	1.5 credits
ECHS 1135	Essentials to Person-Centered Practice	3 credits
SETA 1101	Including Diverse Learners in Schools	3 credits
SETA 1105	Supporting Learning in Schools	3 credits
SETA 1120	Principles of Proactive and Positive Behaviour Support	2 credits
SETA 1161	Change and Development: Childhood	1.5 credits

### TERM TWO

#### All of:

CAHS 2120	Supporting Students with Autism Spectrum Disorders	2.5 credits
CMNS 1217	Writing for the Specialized Workplace 2	1.5 credits
ECHS 1212	Interpersonal Communications 2	1.5 credits
SETA 1162	Change and Development: Adolescence through Middle Adulthood	1.5 credits
SETA 1225	Alternative and Augmentative Communication	1.5 credits
SETA 1270	Practicum One	3.5 credits
SETA 1280	Health and Personal Care Support for Teacher Assistants	2.5 credits

SETA 1305 Overview of Curriculum for Inclusive Schools 3 credits

### TERM THREE

SETA 1370 Practicum Two 3.5 credits

## OTHER INFORMATION

### Costs

In addition to tuition fees, students will be required to pay a first-time application fee or a re-application fee, as well as student association fees and other institutional fees for each course. For more information, visit the fees section of the online calendar.

Other costs include the purchase of textbooks and course materials for approximately \$350.00 for 2 semesters for full-time students, \$300.00 per year for part-time students. There is also a \$20.00 fee associated with the Criminal Record Checks. Students are responsible for providing their own transportation to practicum placements. Fees are subject to change without notice.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Special Education Teacher Assistant**.

# Faculty of Design

Welcome to Kwantlen's Faculty of Design. We're exceptionally proud of our unique and highly respected programs. As a graduate, you'll be ready to meet your personal and professional goals in the field of design in disciplines such as Fashion Design, Fashion Marketing, Graphic Design in Marketing, Interior Design and Product Design. If you have not decided on a design field, the one year Foundations in Design program can help you explore design possibilities while developing fundamental skills.

Kwantlen is a teaching-focused university where we bring together students, teachers, guest lecturers and alumni to create a student-centred learning environment. Unlike larger universities, we keep our classes purposefully small so that you have the opportunity to work directly with faculty. Our small classes of 18 to 25 students encourage teamwork and support while you're in the program, and help create a professional network once you've graduated.

## DEAN:

### George Verghese

Phone: 604.599.2771 (Dean's office)

Email: [george.verghese@kwantlen.ca](mailto:george.verghese@kwantlen.ca)

## IN THIS SECTION:

You will find details of the Design programs:

- About the Faculty of Design
- Fashion & Technology: Bachelor of Design
- Fashion Marketing: Diploma
- Foundations in Design: Certificate
- Graphic Design for Marketing: Bachelor of Design
- Interior Design: Bachelor of Interior Design
- Product Design: Bachelor of Design
- Liberal Education Electives for Graphic Design for Marketing
- Liberal Education Electives for Bachelor of Interior Design

# Fashion & Technology: Bachelor of Design

## Faculty of Design

[kwantlen.ca/design](http://kwantlen.ca/design)

## Fashion Design and Technology / Fashion Marketing

[kwantlen.ca/design/fashion](http://kwantlen.ca/design/fashion)

### IMPLEMENTATION DATE

01-Sep-2011

### START DATE(S)

September

### ADMISSION TYPE

Selective entry

### ENROLMENT TYPE

Limited enrolment

### PROGRAM TYPE

Undergraduate

### CREDENTIAL GRANTED

Baccalaureate Degree

### OFFERED AT

Richmond

### FORMAT

Full-time  
Part-time

## HOW TO APPLY

[www.kwantlen.ca/admission](http://www.kwantlen.ca/admission)

## DESCRIPTION

As the only four-year program of its kind in western Canada, Kwantlen's Bachelor of Design, Fashion and Technology program prepares students for careers in the global apparel economy in fashion design, production, marketing and computer technology. The program's curriculum is noted for its industry focus and on formulating design solutions that are both creative and marketable for the global apparel economy. Since 2005, over 90% of graduates have successfully entered the apparel industry with qualifications and experience which enable them to quickly progress to supervisory positions, technical specialties, and to move into leadership roles. This dynamic program features industry-based education and training using leading-edge technology, class projects facilitated by prominent apparel companies, and an extensive internship that results in employment.

The four-year selective-entry program is organized into eight semesters with a minimum of 120 credits in total. The program is taken on a full-time basis (a part-time option may be considered). Limitations apply to part-time studies. The diploma, which is the first two years of the degree program, consists of 62.5 credits in total.

The focus of the program is on education and training in areas of design, production, and marketing for the apparel industry. A typical fashion career requires analyzing market trends, the ability to design for a specific market, and knowledge of fabric, pattern drafting, fit, sewing, costing, logistics, import-export regulations, and working with in-house production people or contractors.

Considerable demands are placed on students to develop professional standards in critical thinking and technical skills. The program simulates a professional atmosphere by providing relevant equipment and by demanding punctuality and strict adherence to schedules. Garments designed throughout the program reflect market trends by balancing creativity with marketability and are produced in standard sizes using industrial drafting and garment construction techniques. Students enjoy the opportunity to study and learn about the role of a fashion designer through industry linked classroom projects in collaboration with local apparel companies.

General education and electives in English, marketing, business and courses from a wide range of offerings at Kwantlen, that students will take as part of the degree, will expose them to a breadth of study which enriches students as designers. Writing and making presentations are important elements of the program.

High quality production equipment includes: industrial straight sewing and specialty machines, sergers, steam irons, a vacuum press and a fusing machine. Classrooms are spacious and well lit. State-of-the-art computers and apparel industry software are used for designing, spec drawing, buyers' kits, media kits, costing, pattern manipulation, grading, marker making and digital portfolio development.

Certain courses are structured to simulate a workplace or job environment, requiring students to work extensively in groups to meet course objectives. In all courses, students are expected to demonstrate a satisfactory level of performance and rate of progress within the timelines set for various course activities.

The program includes an extensive internship in the third year. Visit [www.kwantlen.ca/design/fashion.html](http://www.kwantlen.ca/design/fashion.html) for more details on all three of the Fashion programs.

## STUDENT PROFILE

Most people who apply to the program have a passionate lifelong interest in fashion. They may come directly from high school, transfer from other institutions, are mature individuals returning to the profession or making a career change, or industry personnel seeking upgrading. Applicants have a desire to undertake the depth of study that a degree program offers.

Applicants with experience in the fashion industry may gain credits through Prior Learning Assessment (PLA). Graduates from a two-year fashion program who wish to pursue a degree will be assessed on an individual basis.

Kwantlen has a student exchange agreement with a fashion school in London, England; Helsinki, Finland; Taipei and Tainan in Taiwan, and is developing further exchange opportunities.

Students may challenge segments of the program for course work taken elsewhere and gain advanced standing at various levels.

Industry personnel who wish to take a specific course or courses on a part-time basis to complement their job skills may do so with permission of the Program Coordinator. Some course prerequisites may be waived based on work experience. Contact the Program Coordinator for further information.

## CAREER OPPORTUNITIES

The apparel industry, important because it is the fifth largest secondary industry in B.C., is changing to compete with global and domestic markets.

With over 300 apparel companies in the lower mainland, the well-established B.C. fashion industry offers many career choices. Graduates work in the design, marketing and production departments for vibrant lower mainland companies such as Arc'teryx, Aritzia, Arson/Orb, Gentle Fawn, lululemon, Mac & Jac, Mavi Jeans, Mountain Equipment Co-op, Off-The-Wall, Plenty and Sugoi Athletic Wear. Similar opportunities are available worldwide with graduates currently at Nike, Abercrombie & Fitch, Nordstrom, and Volcom in the U.S. and Chloe in Paris, France. Depending upon capabilities and interests, students work for large companies as members of design, production or marketing teams, or for smaller design houses where they are expected to work in all aspects of the business, or engage in entrepreneurial (examples include Allison Wonderland, Evan & Dean, Flaming Angels, Jolie Couture, and A-Z Collections running

out of New York) or freelance endeavours. Retail management is another option. Similar opportunities are available worldwide. In all instances, graduates need to be well versed in all three areas (design, production and marketing) of the business to participate fully as team players. Emerging designers prosper best if they have a solid background and experience in production and marketing.

Kwantlen has an agreement with UBC whereby Fashion students interested in a career as a high school clothing and textiles teacher may be eligible for entry to UBC's Bachelor of Education program in Home Economics upon completion of Kwantlen's fashion degree, including 6 credits in English and 18 credits in Family Studies courses. Family Studies courses may be taken at UBC as either a visiting student at UBC while completing Kwantlen's fashion program (Family Studies courses can be used as elective credit for Kwantlen's fashion degree) or as a UBC student following graduation from Kwantlen's fashion program.

The fashion program offers a successful informal job placement service due to its extensive ties to industry.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

- English 12 with a minimum grade of 'B' (or equivalent)
- Portfolio Review and Orientation Session\*

*\* Successful applicants will receive an invitation in early April to the required Orientation and Portfolio Review session to take place in late April or early May. Alternative portfolio review arrangements are possible for students who live outside the Greater Vancouver Region and who cannot attend in person. It is, however, in the best interest of applicants to make every effort to attend in person.*

Admission decisions to this program are based on interim grades therefore proof of grades must be submitted in accordance with the following deadlines:

- **Applicants currently in high school** must submit interim grades no later than March 31st with proof of final grades required as soon as they become available (no later than August 15th).
- **Applicants currently taking English preparatory courses** must submit interim grades by March 31st with proof of final grades required by April 30th.
- **Applicants currently attending another post-secondary institution** must submit a final official transcript and a Request for Transfer Credit form by March 31st.
- **For all other applicants**, proof of having met the program's English proficiency requirement must be provided by March 31st.

Any applicant who has not submitted proof of grades by the specified dates will be removed from the list of eligible applicants.

Applicants who are not accepted into the program may be interested in taking courses toward degree credits via the Fashion Marketing Diploma or the Foundations in Design program. Not all courses taken in these programs are eligible for credit toward the fashion degree therefore interested students should consult with an Educational Advisor, or with the Faculty of Design prior to applying.

## Portfolio Review

The portfolio review will demonstrate to faculty your skills in art and design, computer keyboarding skills, basic mathematical skills, and an awareness of the fashion profession. A simple math test and questionnaire on awareness of the fashion industry and team work skills will be part of the review.

Submission of the portfolio at the review session must include the following **original** work in sufficient number and variety to demonstrate the applicant's ability:

- Resume
- One-page statement of interest in the fashion program and the fashion industry
- Minimum of 3 letters of reference from teachers, instructors, coaches or employers
- Transcripts from high school and any post-secondary institutions attended (Note: transcripts sent with your application for admission are not available to faculty – you must include a copy in your portfolio)
- Transcripts or certificates of any life-skills courses
- Textile Studies (Grade 11 & 12) or Clothing and Textiles 12A with a minimum grade of 'B' (or demonstrated extensive sewing experience).
- Art and design work to include each of the following:
  - 1 – 2 sketchbooks of current work (date your work)
  - 2 examples of art or design work with a brief, written analysis of why you included these particular pieces and
  - Along with your invitation to the Portfolio Review session you will receive instructions for a design exercise to be included in your portfolio.
- Six to ten self-sewn garments made from commercial patterns, draping or applicant's own drafts that demonstrate a range of skills. Provide at least 4 different types of garments, i.e. skirts, pants, tops, dresses, jackets in different types of fabrics. Garments should include each of the following garment components: darts, two different types of zippers, two different types of pockets, set-in sleeves, collars, cuffs, buttons and buttonholes. At least one garment must be lined. Photographs not accepted.
- Written evidence to include a journal of fashion industry-related reading and information about Vancouver-based design/manufacturing companies
- Self-generated computer work (i.e., your resume, copies of spreadsheets, drawings) listing programs used and hard copy examples of computer work
- Evidence of leadership and community involvement such as team skills, personal management, problem solving and organizational skills, and stress management

For a detailed description of portfolio requirements, download an information package from [www.kwantlen.ca/fashion](http://www.kwantlen.ca/fashion).

## Upper-Level Program Admission

In addition to the Program Admission Requirements, applicants with prior post-secondary experience may be eligible for advanced standing to the program at the upper level, provided the following lower-level requirements have been previously satisfied:

- Completion of a fashion design diploma (or equivalent) with minimum 60 credits from a recognized college or university with a cumulative GPA of 2.7 or higher
- FASN 2200 (or transferable equivalent) with a minimum grade of B-

- FASN 2220 (or transferable equivalent) with a minimum grade of B-
- Successful completion of CMNS 1140 (or transferable equivalent)
- Successful completion of ENGL 1100 (or transferable equivalent)
- Successful completion of FASN 1205 (or equivalent courses in Adobe Illustrator® & Microsoft Office®)
- Successful completion of MRKT 1199 (or transferable equivalent)

## CONTINUANCE REQUIREMENTS

Registration access to third or fourth year courses is awarded to students who have completed:

- all requirements for years 1 and 2 with minimum cumulative GPA of 2.7
- a minimum grade of B- in FASN 2200 and FASN 2220

## CONTENT

The first year introduces students to the various facets of the fashion industry, elements and principles of fashion design, drawing, pattern drafting and industrial sewing and includes important support courses in English, computer applications for fashion and marketing. The second year is more focused on fashion discipline-based knowledge and skill development and includes designing for industry linked projects in collaboration with local apparel companies such as Lululemon, Plenty and Sugoi.

The third and fourth years feature opportunities to apply previous studies to real world applications. Students design for both mass and niche markets, combining creativity with marketability and practice production planning from both a local and global perspective. An Internship with a local design company will increase students' knowledge of industry practices and develop contacts in the industry. The final semester culminates in a fashion show presented to an audience of over 2,000 people. Most electives are taken in the senior years, but students may take electives in the order that best suits their schedules.

For transfer students, some courses in the lower-level of the program (FASN 1115, FASN 1150, FASN 2130, FASN 2240) may be taken while in the third year, subject to availability. Some credits from courses taken elsewhere may be used to fulfill the elective requirements in the third and fourth years. Transfer credits are assessed on an individual basis. For information on the transfer credit process, visit [www.kwantlen.ca/transfercredit](http://www.kwantlen.ca/transfercredit).

## Year 1 and 2 Requirements

### SEMESTER 1

#### All of:

MRKT 1199*	Introduction to Marketing (or any 1st year post-secondary, 3 credit marketing course)	3 credits
ENGL 1100	Writing, Reading and Thinking: An Introduction (or any 1st year, post-secondary, 3-credit English course),	3 credits
FASN 1100	Fundamentals of Fashion Design	3 credits

FASN 1115	The Apparel Industry	2.5 credits
FASN 1120	Production Basics I	3.5 credits
FASN 1150**	Fashion Retail Work Experience	2 credits

**Notes:**

\* MRKT 1199 may be required to advance to Kwantlen's upper level Marketing courses.

\*\* Can be done in year 1 (preferable) or year 2; students must register before beginning work, but may take up to 12 months to complete.

**SEMESTER 2**

**All of:**

FASN 1205	Computer Applications for Fashion	3 credits
FASN 1215	Textile Science	3 credits
FASN 1220	Production Basics II	6 credits
FASN 1230	Fashion Drawing I	2 credits

**SEMESTER 3**

**All of:**

FASN 2100	Fashion Design I	3 credits
FASN 2115	History of Costume	2.5 credits
FASN 2120	Style Production I	7 credits
FASN 2130	Technical Fashion Drawing	2 credits

**SEMESTER 4**

**All of:**

CMNS 1140	Introduction to Professional Communications (or any 1st year, post-secondary, 3 credit business communications course)	3 credits
FASN 2200	Fashion Design & Drawing II	5 credits
FASN 2220	Drafting & Sewing IV	7 credits
FASN 2240	Computer-Based Pattern Drafting	3 credits

*Upon successful completion of the first four semesters (62.5 credits), students are eligible to exit the program and receive a Diploma.*

**Year 3 and 4 Requirements**

**SEMESTER 5**

**All of:**

FASN 3100	Textile Design	3 credits
FASN 3120	Mass Manufacturing	7 credits
FASN 3130	Draping	4 credits
FASN 3150	Preparation for Fashion Industry Internship	1.5 credits

**SEMESTER 6**

**All of:**

FASN 3200	Product Development	3 credits
FASN 3250	Fashion Industry Internship	3 credits

**And one elective (see below).**

**SEMESTER 7**

**All of:**

FASN 4100	Line and Portfolio Development	5.5 credits
FASN 4150	Apparel in the Global Economy	4 credits

**And two electives (see below).**

**SEMESTER 8**

**All of:**

FASN 4210	Event Planning and Promotion	4 credits
FASN 4220	Collection Production	7 credits

**And two electives (see below).**

**Electives**

Electives must include:

- Minimum of two general education courses: (recommend one at the 3rd year level) courses from non-fashion areas of study that develop a breadth of knowledge and integrate with learning acquired in the program
- Minimum of one course, course number 1100 or higher, from the Faculty of Business
- Minimum of two other electives from any area of study, course number 1100 or higher (recommend business, marketing and fashion courses such as FASN 4250).

**ADDITIONAL FASN COURSES**

- **FASN 4130 Advanced Computer Studies in Fashion** is an elective course for 4th year students wanting to increase visual communication skills with the use of advanced 2D to 3D imaging, desktop imaging software, and product management software.
- **FASN 4250 Self-Directed Study** is an elective course for 4th year students wanting to study an area of fashion in more depth, subject to instructor approval.

**OTHER INFORMATION**

**Computer software used in the fashion program includes:**

- CS3® (Adobe Illustrator®, Photoshop® and Indesign®), Microsoft Word®, Power Point® and Excel® for flats, specification sheets, buyers' kits, costing and digital portfolio development
- Gerber Garment Technology®, and CADterns® for pattern development, grading and marker making
- The Fashion Design program is delivered in an e-mobile environment which includes laptops, computers and software. Students will need to purchase laptop computers and requisite course software for the duration of the 4 year degree

program. Specifications and requirements will be provided to successful applicants.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Bachelor of Design, Fashion and Technology**.

Upon successful completion of the Year 1 and 2 Requirements, students are eligible to receive a **Diploma in Fashion and Technology**.

# Fashion Marketing: Diploma

Faculty of Design	
kwantlen.ca/design	
Fashion Design and Technology / Fashion Marketing	
kwantlen.ca/design/fashion	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Richmond	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Program outcomes include collecting, analyzing and interpreting data on economic and fashion trends, consumer demographics, buying habits, tastes and preferences, as well as market size, penetration and competitors as they relate to specific target clientele and fashion products or services from a globally competitive perspective.

Most people who apply to a fashion program have a passionate lifelong interest in fashion. A flair for fashion and good business sense are necessary ingredients for success in the field of Fashion Marketing. Applicants may come directly from high school, transfer from other Kwantlen programs or other institutions, be mature individuals seeking a profession or making a career change, and retail sector personnel seeking upgrading. Applicants need to understand that a fashion marketing program requires extensive research, thinking, writing, computation and digital technology skills.

Fashion as a discipline is by its very nature connected with and impacted by culture and society. Therefore, emerging fashion marketers must be conversant with cultural and societal issues. Sustainable fashion and textiles are recurring themes throughout the fashion marketing diploma program courses as is awareness of the world through constant study of current events. Leadership and volunteer activities within the program play a role in the development of leaders and contributors to the world.

If seeking a business degree, Fashion Marketing Diploma program graduates may ladder directly to Kwantlen's third year of the Bachelor of Business Administration program (B.B.A.) based on taking the required bridging courses as electives. If bridging courses are not completed within the Diploma program, they may be taken prior to entry to the B.B.A. If seeking a General Studies degree, Fashion Marketing students will need to consult with the B.A. advisor and should do so early in the program to determine appropriate electives. Direct laddering to a B.A. is not possible and therefore more bridging courses will be required upon completion of the Fashion Marketing Diploma.

## CAREER OPPORTUNITIES

Graduates can work for small, medium and large apparel companies (such as lululemon, Aritzia, Gentle Fawn, Arson/



Orb, Flosport, and Bootlegger), apparel distributors, marketing companies and retail (management), as well as work freelance or run a service-oriented entrepreneurship. Career opportunities are extensive and can be singular or include any combination of the following: Buying, Merchandising, Visual Merchandising, Branding, Communication, Forecasting, Styling, Special Events Coordination, Retail sales, Store Management, Fashion Consulting, Catalogue Manager, Managing Marketing Strategies to name a few. This field allows for developing a wide range of creative business services.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

- English 12 with a minimum grade of C+ (or equivalent)
- Letter of interest

Admission decisions to this program are based on interim grades therefore proof of grades must be submitted in accordance with the following deadlines:

- **Applicants currently in high school** must submit interim grades no later than March 31st with proof of final grades required as soon as they become available (no later than August 15th).
- **Applicants currently taking English preparatory courses** must submit interim grades by March 31st with proof of final grades required by April 30th.
- **Applicants currently attending another post-secondary institution** must submit a final official transcript and a Request for Transfer Credit form by March 31st.
- **For all other applicants**, proof of having met the program's English proficiency requirement must be provided by March 31st.

Any applicant who has not submitted proof of grades by the specified dates will be removed from the list of eligible applicants.

### Letter of Interest

The letter of interest should be type-written (3-5 pages, single spaced, 12 pt. font) and must include:

- A summary of knowledge about the field of fashion marketing.
- A statement of personal goals for applying to the program.
- A brief write-up including personal examples related to as many of the following skills as possible (2-3 paragraphs for each): working in a team, working independently, problem solving, developing personal management, organizational and stress management skills. Examples could come from school, work, play, sports activities etc. It is recommended applicants ask people to write about an applicant's ability to carry out one or more of the skills listed.
- Transcripts from high school and any post-secondary institutions attended (Note: transcripts sent with your application for admission are not available to faculty – applicants must include copies with the letter of interest.
- A current resume as well as two letters of reference in addition to the letter of interest.

**Note:** Applicants who have completed FASN 1115 (The Apparel Industry), may be exempt from the letter of interest requirements.

## CONTENT

The Diploma program requires a minimum of 60 credits of post-secondary courses. The structure of the program will allow for a combination of full-time, part-time, day, evening, online and mixed-mode studies.

The program consists of 50% Fashion Marketing courses and 50% courses from the School of Business. As students will be taking courses from a variety of Kwantlen program areas such as Marketing (MRKT), Business (BUSI), Accounting (ACCT) and Economics (ECON), they will be able to get a head start if so desired by taking many of the non-fashion courses at any time during the year as a General Studies student. Kwantlen Fashion Marketing Certificate, Fashion & Technology, Marketing students, graduates and transfers from other institutions may enter the program at any stage, provided they meet the program's admission requirements. Some limitations may apply due to prerequisites and availability of courses.

In order to continue each semester as a fashion marketing diploma student and maintain priority registration status, students are required to take all of the Fashion Marketing (FMRK) courses offered each semester.

All FMRK courses are available on the Richmond Campus and available only in either the fall or spring semester as listed in the "Course Requirements" section.

Most required non-fashion and elective courses are available on all campuses, every semester, including summer session, and at a variety of times during the day and week. Some elective courses may only be available on the Surrey Campus.

## Course Requirements

### SEMESTER 1 (FALL)

#### All of:

FMRK 1105	Computers for Fashion Marketing*	3 credits
FMRK 1115	The Apparel Industry	2.5 credits
FMRK 1150	Fashion Retail Work Experience	2 credits
MRKT 1199	Introduction to Marketing*	3 credits

#### One of:

BUSI 1110	Fundamentals of Business in Canada	3 credits
BUSI 1210	Essentials of Management*	3 credits
BUSI 1215	Organizational Behaviour I*	3 credits

#### And one elective (see below).

### SEMESTER 2 (SPRING)

#### All of:

FMRK 1205	Visual Communications for Fashion Marketing	3 credits
FMRK 1215	Textile Science	3 credits
FMRK 1250	Fashion & Consumer	3 credits
MRKT 1299	Consumer Behaviour*	3 credits

**One of:**

ACCT 1110	Principles of Accounting I	3 credits
ACCT 1130	Business Mathematics	3 credits
ACCT 2293	Introduction to Financial Accounting*	3 credits

### SEMESTER 3 (FALL)

**All of:**

FMRK 2105	Visual Fashion Merchandising & Promotion	3 credits
FMRK 2115	Fashion Forecasting	3 credits
FMRK 2120	Fashion Writing	3 credits

**And two electives (see below).**

### SEMESTER 4 (SPRING)

**All of:**

FMRK 2205	Fashion Buying	3 credits
FMRK 2240	Fashion Marketing Work Experience	1.5 credits

**And three\* electives (see below)**

\* **Note:** Effective January 2012, one of the three electives must be FMRK 2215.

## Electives

Electives may be taken at any time based on availability and having met prerequisites where applicable.

Four of the five electives required (3-credit each for a total of 15 credits) must be selected from the following list.

One of the five electives required (3-credits) may be selected from any program or area of study including courses from the list below:

**Either of:**

ACCT 1230**	Business Statistics	3 credits
BUQU 1230**	Business Statistics	3 credits

**Or any of:**

ACCT 1210*	Principles of Accounting II	3 credits
BUSI 2390	Business Law	3 credits
CBSY 1105**	Introductory Microcomputer Applications***	3 credits
ECON 1150**	Principles of Microeconomics	3 credits
FMRK 2215	Fashion Events and Promotions	3 credits
ENGL 1100**	Writing, Reading and Thinking: An Introduction	3 credits
MRKT 1220	Dynamic Selling	3 credits
MRKT 1235	Small Business Essentials	3 credits
MRKT 2111	Marketing Online	3 credits
MRKT 2321	Retail Management I	3 credits
MRKT 2333	Marketing Management I	3 credits

MRKT 2340	Marketing Research	3 credits
MRKT 2360	Selling and Sales Management	3 credits
MRKT 2401	Advertising	3 credits
MRKT 2421	Retail Management II	3 credits
MRKT 2430	Marketing Simulation	3 credits
MRKT 2444	Marketing Management II	3 credits
MRKT 2455	International Marketing	3 credits

### Notes:

\* Must be taken with ACCT 1110. Cannot be used if student took ACCT 2293.

\*\* Courses required to ladder into Kwantlen's BBA program, along with the additional bridging requirement: CBSY 2205 - Management Information Systems (if FMRK 1105 not taken).

\*\*\* If taken prior to fall 2010.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in Fashion Marketing**.

# Foundations in Design: Certificate

<b>Faculty of Design</b>	
kwantlen.ca/design	
<b>Foundations in Design</b>	
kwantlen.ca/design/find	
<b>IMPLEMENTATION DATE</b>	<b>START DATE(S)</b>
01-Sep-2011	September
<b>ADMISSION TYPE</b>	<b>ENROLMENT TYPE</b>
Selective entry	Limited enrolment
<b>PROGRAM TYPE</b>	<b>CREDENTIAL GRANTED</b>
Undergraduate	Certificate
<b>OFFERED AT</b>	<b>FORMAT</b>
Richmond	Full-time Part-time
<b>HOW TO APPLY</b>	
www.kwantlen.ca/admission	

## DESCRIPTION

The Foundations in Design (FIND) program offers students the opportunity to develop the fundamental knowledge, insights and skills common to the field of design and its diverse disciplines and to explore and assess educational and career options.

The FIND program celebrates diversity of thought, philosophy, values and learning styles with a curriculum emphasizing personal development, creative problem solving and critical and contextual thinking.

Based on the four cornerstones of exploration, self-diagnosis, transition and fundamental skill development, some goals of the FIND program include:

- Broaden knowledge of the options, opportunities and requirements within the field of design and its various disciplines.
- Develop creative problem solving and critical thinking skills, visualization and teamwork skills.
- Encourage informed choices regarding future studies and career paths.
- Enable students to develop their own voices through the formation and expression of their ideas verbally and visually.
- Encourage self-expression respecting social, cultural, environmental, economic and ecological contexts.
- Broaden knowledge and understanding of the theories, methodologies and processes common to all disciplines of design.

Design professionals may contact the Program Coordinator to access individual courses of interest without applying for the complete program. Access is determined by permission of the Coordinator and an availability of space. Please refer to timetables as course offerings may change year to year.

## STUDENT PROFILE

The FIND program offers a comprehensive introduction to design studies and practice that is particularly appropriate for:

### GRADUATES OF SECONDARY SCHOOL

Students interested in a career in the field of design but who have not yet determined which discipline would suit them best. Students who have decided on a specific career path but need to expand their foundational skills and improve their portfolio as a means of gaining access to further design studies.

### CURRENT POST-SECONDARY STUDENTS

Students in other design or related programs such as Marketing, Business, Public Relations, Journalism, Advertising, Fine Arts, Social Sciences/Humanities wishing to complement their discipline specific knowledge and skills with Foundations in Design learning outcomes (which include creative problem solving skills, critical and contextual thinking skills, conceptualization and visualization skills and team skills). Some FIND courses are designated general education or breadth courses.

### GRADUATES OF POST-SECONDARY PROGRAMS

Recent graduates from any discipline seeking to complement their discipline specific studies with the fundamental design skills mentioned above and supported in an interdisciplinary learning environment, stressing integration, collaboration and synthesis.

### MATURE STUDENTS

- Mature students seeking a transitional program where they can explore career and educational opportunities in the field of design and its diverse disciplines.
- Mature students seeking an opportunity to explore alternative career and educational options in design or to complement or enhance their professional development.
- Mature students, working professionals, and Art/Design Educators interested in complementing and enhancing their professional development in areas such as creative problem solving, critical and contextual thinking, conceptualization and visualization capabilities (see Content).
- Students who do not qualify for other design diploma or degree programs at Kwantlen or other institutions and are looking for an opportunity to upgrade or begin their studies.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

- Portfolio review

### Portfolio Review

Portfolios should reflect creative interests. Applicants must also include a written statement that reflects interests in design as well as personal, educational and career goals.

The following are suggestions for inclusion in the portfolio but are intended only as a guide. There is no minimum or maximum number of projects to include.

- Photos/scans of drawings, paintings, sculptures, pottery, textiles, woodworking, printmaking, sewing/costume design, garden/landscape design, room decorating or model making
- Photos/scans of sketchbooks or journals
- Samples of photography
- Transcripts from high school and any post-secondary institutions attended (Note: transcripts sent with your

application for admission are not available to faculty – you must include a copy in your portfolio)

Portfolios will be accepted in digital or physical formats.

## CONTENT

Students are required to complete a total of 30 credits (27 credits of Foundations in Design courses and 3 credits of specified electives):

### All of:

FIND 1100	Design Processes, Methods and Materials	3 credits
FIND 1110	Drawing for Design	3 credits
FIND 1120	Design History I**	3 credits
FIND 1130	Design Explorations**	3 credits
FIND 1140	Colour Theories**	3 credits
FIND 1150	Designing for Humanity**	3 credits
FIND 1160	Communication through Visual Language	3 credits
FIND 1200	Two Dimensional Design	3 credits
FIND 1210	Three Dimensional Design	3 credits

### One of:

FIND 1220	Interdisciplinary Design History II**	3 credits
FIND 1230	Drafting for Design*	3 credits

### Notes:

\* Students must choose either FIND 1220 or FIND 1230 to complete their certificate requirements.

\*\*Note: University designated breadth courses.

## OTHER INFORMATION

### Additional Information

Returning Foundations in Design students and students who successfully qualify for a seat in Foundations in Design register early. Registering on your date and time (as per your instructions from the Office of Admissions) is extremely important as some seats may be made available to students from other Kwantlen programs taking designated Foundations in Design breadth courses.

### Costs

In addition to tuition, students should be prepared to spend approximately \$500.00 to \$800.00 for project materials and photocopying during the program.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate of Foundations in Design**.

# Graphic Design for Marketing: Bachelor of Design

Faculty of Design	
kwantlen.ca/design	
Graphic Design for Marketing	
kwantlen.ca/gdma	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Richmond	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

In the contemporary marketplace, graphic designers function as creative problem solvers, design planners and strategists, and skilled communicators and technologists. They are team players, team leaders, and can be employees, freelancers, or self-employed entrepreneurs. They require a solid understanding of business and marketing, high-level visual and critical thinking skills, well-developed research capabilities, as well as a broad-based understanding of diverse social and cultural groups. Graphic designers are involved in projects ranging from the design of visual identities for corporations, retail stores, and institutions, to specialist projects involving skateboard and sports-related graphics. Today, graphic designers have more wide-ranging career opportunities than ever before. They may design websites, lifestyle and fashion magazines, hospital and shopping mall wayfinding systems, fundraising campaigns for non-profit organizations, packaging for all manner of products, advertising campaigns on billboards and bus shelters, and even television and film title credits.

The Graphic Design for Marketing (GDMA) program has worked closely with industry to design a curriculum that meets the needs of the marketplace. GDMA graduates graphic designers who have well-developed design skills, understand the connection between design and marketing, and have a wide range of complementary and interdisciplinary knowledge and abilities.

The Graphic Design for Marketing program offers students **two options** for their studies:

1. **Bachelor of Design, Graphic Design for Marketing.** This is a selective-entry, four-year Bachelor's Degree program that is eight semesters in length consisting of 120 credits of coursework.
2. **Diploma option.** The three-year diploma is embedded within the degree. It allows students who do not wish to pursue a degree in graphic design to have an optional exit point after six semesters of study and 90 credits of coursework.

## The Degree

Graphic Design for Marketing (GDMA) is a four-year, selective entry degree program consisting of 120 credits of coursework organized into eight semesters of study. The GDMA program provides a balanced education that encompasses skills, knowledge and capabilities relating to, graphic design, marketing, business and general education.

Students in the GDMA degree program will develop knowledge, skills and abilities from learning domains as diverse as graphic design process, marketing, and business; media, technology, and production; conceptual development and image development; and an understanding of the social, cultural, and historical contexts of graphic design. They will be skilled in applying design theory and processes, with an emphasis on critical thinking and creative problem solving, and will be able to originate and produce marketing and promotional concepts for a wide range of products and services, including the promotion of corporate, institutional, and social initiatives.

The program works closely with the graphic design community and its professional associations in order to ensure students develop career readiness and graduate with the best possible chance for success as employed or self-employed practitioners.

Visit the program's website at [kwantlen.ca/gdma](http://kwantlen.ca/gdma) or attend an information session for design programs at Kwantlen - held twice yearly in mid-October and mid-February.

## Credit for Previous Learning

Students may obtain credit for segments of the program with results from course work (i.e. general education courses) taken in other programs at Kwantlen, or at another institution. All applications for credits for previous learning will be assessed on an individual basis. Graduates from a two- or three-year graphics program who wish to pursue a degree in graphic design will be assessed on an individual basis.

Applicants with experience in the graphic design industry may acquire credits through Prior Learning Assessment (PLA).

Graduates from Kwantlen's Graphic and Visual Design program (GRVD) may apply for degree completion. Applicants who completed the GRVD program in the year 2000 and after may apply for entry to Year 3 of the degree. All applications will be assessed individually.

## Part-time Studies

Graphic design professionals may also wish to take specific courses on a part-time basis to complement their job skills. Some requirements for course prerequisites may be waived based on work experience. Opportunities for part-time studies will depend upon the number of seats that are available.

Industry personnel may contact the Program Coordinator to access individual courses of interest without applying for the complete program. Access is determined by permission of the Coordinator and an availability of space.

## STUDENT PROFILE

Applicants come from diverse backgrounds and age groups, and demonstrate a keen interest in visual communications expressed through design and art explorations; particularly through activities involving drawing, illustration, typography, photography, computer-based projects, video, painting, sculpture, or various types of craft work.

Applicants may also have communications, marketing, public relations or business-related experience. They may come directly from high school or may transfer from other institutions, or they may be former graduates of design, fine arts, or related programs.

Applicants may be mature individuals who want to make a career change, or may have experience in the graphic design industry and want to upgrade their credentials.

It is strongly recommended that applicants have basic skills in English communication, word processing, basic mathematics, plus an awareness of the graphic design profession, and its significance globally and in Canada.

## CAREER OPPORTUNITIES

The graphic design marketplace is rapidly changing and fast-paced. The degree program prepares graduates with broad-based experiences as graphic designers in order to compete for entry-level graphic design positions.

### Generalist Graphic Designers

GDMA degree graduates will qualify for entry-level positions as graphic designers in firms providing corporations, small businesses, non-profit organizations, and others with services which may include marketing strategy, interactive media design, publication design, advertising design, direct marketing design, and display design. Understanding consumer behaviour and end-user needs will also qualify the graduate for employment in marketing, advertising or public relations firms that offer graphic design as one of their services.

### Specialist Graphic Designers

GDMA degree graduates will have been exposed to various specialty areas within the graphic design profession in order to begin to develop a specialist design career for themselves. The population and industry growth necessary to support graphic design specialists is already occurring in the Lower Mainland.

### In-House (Resident) Graphic Designers

The diverse skills acquired by graduates of the GDMA program will equip them to work as in-house graphic designers in corporations or institutions with their own graphic design departments.

### Self-Employed, Freelance or Entrepreneurial Graphic Designers

The GDMA graduate will have a solid understanding of the graphic design industry and marketplace through field studies and a mentorship, as well as business and marketing courses. They will have prepared a comprehensive portfolio along with a self-promotional and marketing strategy in order to effectively market their services.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

- English 12 with a minimum B (or equivalent)
- Portfolio Review and Interview Session\*

\* *Successful applicants will receive an invitation to the required Portfolio Review and Interview session. Alternative arrangements*

are possible for students who live outside the Greater Vancouver Region and who cannot attend in person. It is, however, in the best interest of applicants to make every effort to attend in person.

Admission decisions to this program are based on interim grades therefore proof of grades must be submitted in accordance with the following deadlines:

- **Applicants currently in high school** must submit interim grades no later than March 31st with proof of final grades required as soon as they become available (no later than August 15th).
- **Applicants currently taking English preparatory courses** must submit interim grades by March 31st with proof of final grades required by April 30th.
- **Applicants currently attending another post-secondary institution** must submit a final official transcript and a Request for Transfer Credit form by March 31st.
- **For all other applicants**, proof of having met the program's English proficiency requirement must be provided by March 31st.

Any applicant who has not submitted proof of grades by the specified dates will be removed from the list of eligible applicants.

Applicants who are not admitted into the program may be interested in taking courses toward degree credits via the Foundations in Design (FIND) program. Interested applicants should consult with an Educational Advisor or with the Faculty of Design prior to applying to the FIND program.

## Portfolio Review and Interview Session

The portfolio review will include a review of the following:

- Examples of a broad range of art and design work
- Transcripts from high school and any post-secondary institutions attended (Note: transcripts sent with your application for admission are not available to faculty – you must include a copy in your portfolio)
- One to two pages, typewritten statement of your personal educational and career goals, including why you wish to pursue an education in Graphic Design for Marketing.
- Résumé outlining your education and/or work experience (including dates)
- Two letters of reference from teachers and/or employers supporting your application for admission to the Graphic Design for Marketing program.

For further more information about the portfolio review process, including submission details, visit the department's website at: [kwantlen.ca/design/gdma/portfolios](http://kwantlen.ca/design/gdma/portfolios).

Upon successful completion of the portfolio review, applicants will be invited to attend an interview with faculty. The Office of Admissions will notify students of the results of the portfolio review and/or interview process.

The Faculty of Design holds information sessions twice yearly in mid-October and mid-February. These information sessions will provide prospective applicants with an opportunity to view examples of student portfolios, and discuss portfolio and program admission requirements. It is highly recommended that applicants attend one of these sessions prior to submitting their portfolios for review by faculty.

## CONTINUANCE REQUIREMENTS

Students must successfully complete ENGL 1100 and MRKT 1199 prior to commencing their second year in GDMA.

A cumulative GPA of 2.67 (B-) is required by the end of Year 3 to progress into Year 4. Students with a GPA below 2.67 (B-) but who wish to continue to Year 4 should contact the Program Coordinator to discuss the next course of action.

## CONTENT

The Bachelor of Design, Graphic Design for Marketing (GDMA) program consists of 120 credits, organized into eight semesters, over a four-year period.

Successful applicants may take their general education and non-discipline specific courses prior to entering the program and/or during the summer semester in order to lighten their workload during the term. Courses such as ENGL 1100, MRKT 1199 and others are usually offered during the summer semester.

### Year 1

#### SEMESTER 1

##### All of:

ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
GDMA 1100	Fundamental of Typographic Design I	3 credits
GDMA 1110	Fundamentals of Image Development I	3 credits
GDMA 1121	Print Production Software Applications 1	3 credits
GDMA 1140	Graphic Design and Society I	3 credits

#### SEMESTER 2

##### All of:

GDMA 1200	Fundamentals of Typographic Design 2	3 credits
GDMA 1210	Fundamentals of Image Development 2	3 credits
GDMA 1220	Print Production Software Applications 2	3 credits
GDMA 1240	Graphic Design and Society 2	3 credits
MRKT 1199	Introduction to Marketing	3 credits

**Note:** Students must successfully complete ENGL 1100 and MRKT 1199 prior to commencing their second year in GDMA.

### Year 2

#### SEMESTER 3

##### All of:

CMNS 2140	Communications for Design Professionals	3 credits
GDMA 2100	Publication Design I	3 credits
GDMA 2110	Introduction to Advertising Design	3 credits

GDMA 2120	Print Technologies	3 credits
GDMA 2140	Communication Design, Consumerism and Popular Culture	3 credits

#### SEMESTER 4

##### All of:

GDMA 2200	Publication Design 2	3 credits
GDMA 2210	Interactive and Sequential Image Development	3 credits
GDMA 2220	Interactive Software Applications 1	3 credits
GDMA 2230	Introduction to Marketing Communications	3 credits
GDMA 2240	Social Contexts for Interactive Media	3 credits

### Year 3

#### SEMESTER 5

##### All of:

GDMA 3100	Information Design	3 credits
GDMA 3110	Interactive and Web Design 1	3 credits
GDMA 3120	Interactive Software Applications 2	3 credits
GDMA 3130	Marketing Communications Design 1	3 credits

And one GDMA Liberal Education Elective.

#### SEMESTER 6

##### All of:

GDMA 3200	Corporate Communications Design 1	3 credits
GDMA 3210	Packaging Design	3 credits
GDMA 3220	Interactive and Web Design 2	3 credits
GDMA 3230	Marketing Communications Design 2	3 credits

And one Liberal Education Elective.

*Upon successful completion of the first six semesters (90 credits), students are eligible to exit the program and receive a Diploma.*

### Year 4

#### SEMESTER 7

##### All of:

GDMA 4100	Corporate Communications Design 2	3 credits
GDMA 4120	Major Project 1	3 credits
GDMA 4130	Small Business Essentials	3 credits
GDMA 4115	Integrated Media Design	3 credits
MRKT 4177	Contemporary Issues in Marketing	3 credits

#### SEMESTER 8

##### All of:

GDMA 4215	Display Design	3 credits
GDMA 4200	Advertising Design	3 credits
GDMA 4220	Major Project 2	3 credits
GDMA 4230	Mentorship for Professional Practice	3 credits
GDMA 4240	Contemporary Issues in Graphic Design	3 credits

### Participation Required in the GDMA Degree Show

Graduating students are required to exhibit their work in the annual GDMA Degree Show, which normally takes place during May, prior to their Convocation Ceremony. They are expected to participate in all exercises related to the development of content, fundraising activities, planning and implementation of this annual event.

The GDMA program reserves the right to approve the public exhibition of graduate work in the Degree Show.

### Electives

The Graphic Design for Marketing (GDMA) program requires students to take two electives chosen from the approved GDMA Liberal Education Electives in order to fulfill the liberal education requirements for degree completion.

## OTHER INFORMATION

### Costs

Students should be prepared to spend approximately \$600 to \$1000 per year on books and materials.

## GRADUATION

Upon successful completion of the program, students are eligible to receive a **Bachelor of Design, Graphic Design for Marketing**.

Upon successful completion of the first six semesters (90 credits), students are eligible to receive a **Diploma in Graphic Design for Marketing**.

# Interior Design: Bachelor of Interior Design

<b>Faculty of Design</b>	
kwantlen.ca/design	
<b>Interior Design</b>	
kwantlen.ca/design/interior_design	
<b>IMPLEMENTATION DATE</b>	<b>START DATE(S)</b>
01-Sep-2011	September
<b>ADMISSION TYPE</b>	<b>ENROLMENT TYPE</b>
Selective entry	Limited enrolment
<b>PROGRAM TYPE</b>	<b>CREDENTIAL GRANTED</b>
Undergraduate	Baccalaureate Degree
<b>OFFERED AT</b>	<b>FORMAT</b>
Richmond	Full-time
<b>HOW TO APPLY</b>	
www.kwantlen.ca/admission	

## DESCRIPTION

Please note that the Interior Design Program is currently under revision and courses are likely to change. For more information, please contact the Program Assistant, Interior Design.

The Interior Design Program provides four years of full-time study (September – April), to students wishing to pursue a professional career in interior design and related environments.

The Program is accredited by the Council for Interior Design Accreditation (CIDA) at the first professional degree level. CIDA is an international agency whose mission is to "lead the interior design profession to excellence by setting standards and accrediting academic programs."

The program works closely with the professional design community and responds to the needs and advice of that community through the following aims:

- Provide an education that includes all facets of interior design with emphasis on experience and skills in theory, research, critical analysis, problem-solving, design concepts, working drawings and specifications, technology, presentation media techniques, professional business practices and procedures, and awareness of human needs in interior design and related environments
- Prepare students for work in interior design and/or architectural offices
- Provide a practical and theoretical knowledge base that conforms to the definition and practice of interior design as described by the National Council for Interior Design Qualification (NCIDQ) and as endorsed in the North American definition of an Interior Designer
- Provide education in developing career readiness

The mission of the program is "educating leaders for the profession of interior design". For more information you may view our department web site at: [kwantlen.ca/design/interior\\_design](http://kwantlen.ca/design/interior_design).

Interior Design information sessions are scheduled once in the Fall and once in the Spring semesters to answer questions from prospective students and to allow applicants to view entry portfolios of current students. These sessions have been of great

benefit to those people interested in entering the program. Please visit [www.kwantlen.ca/events](http://www.kwantlen.ca/events) to confirm dates, times and location.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

- English 12 with a minimum B (or equivalent)
- Portfolio Review and Interview Session\*

\* *Successful applicants will receive an invitation to the required Portfolio Review and Interview session.*

Admission decisions to this program are based on interim grades therefore proof of grades must be submitted in accordance with the following deadlines:

- **Applicants currently in high school** must submit interim grades no later than March 31st with proof of final grades required as soon as they become available (no later than August 15th).
- **Applicants currently taking English preparatory courses** must submit interim grades by March 31st with proof of final grades required by April 30th.
- **Applicants currently attending another post-secondary institution** must submit a final official transcript and a Request for Transfer Credit form by March 31st.
- **For all other applicants**, proof of having met the program's English proficiency requirement must be provided by March 31st.

Any applicant who has not submitted proof of grades by the specified dates will be removed from the list of eligible applicants.

## Portfolio Review and Interview

Faculty will review the eligibility of candidates based on the contents of the portfolio and results of an interview (including prior learning assessments).

For detailed information about Interior Design as well as the interview and portfolio review process visit the department's website at [kwantlen.ca/design/interior\\_design/portfolio](http://kwantlen.ca/design/interior_design/portfolio).

## CONTENT

The Interior Design Department regularly upgrades its program to meet the ever changing needs of the industry.

The interior design program simulates a professional design environment. This "virtual design studio" offers integrated courses and curriculum, and emphasizes learning outcomes and essential skills throughout. These include: leadership skills, problem solving and creative thinking skills, teamwork, personal management, writing/oral/visual and interpersonal skills, reading and research skills, visual literacy, mathematical and technological skills, citizenship, and an ability to view issues through a global perspective.

The interior design curriculum is organized into streams which are integrated within each year and over the four years of the program. Although the program is comprised of individual courses, it may be described as a studio project, supported and surrounded by the necessary theory, practical experience and skills development. See [kwantlen.ca/design/interior\\_design/courses](http://kwantlen.ca/design/interior_design/courses).



Successful applicants may take their general education and non discipline specific courses prior to entering the program and/or during the summer semester in order to lighten their workload during the term. Many general education courses are offered during the summer semester.

## Year 1

### SEMESTER 1

#### All of:

IDSN 1113	Studio 1	4 credits
IDSN 1121	Materials	3 credits
IDSN 1135	Design Awareness 1	3 credits
IDSN 1141	Technical Drawing 1	3 credits
IDSN 1145	Drawing for Interior Design	3 credits

### SEMESTER 2

#### All of:

IDSN 1202	Studio 2	4 credits
IDSN 1221	Components	3 credits
IDSN 1235	Design Awareness 2	3 credits
IDSN 1241	Technical Drawing 2	3 credits

\* **Note:** Completion of ENGL 1100 (or an approved writing intensive course at the 1100 level or higher) is required before entering Year 2 (3 credits).

## Year 2

### SEMESTER 3

#### All of:

IDSN 2300	Studio 3	4 credits
IDSN 2325	Building Systems 1	3 credits
IDSN 2331	Design Theories 1	3 credits
IDSN 2345	Drawing and Rendering 1	3 credits
IDSN 2375	Environmental Human Factors	3 credits

### SEMESTER 4

#### All of:

IDSN 2400	Studio 4	4 credits
IDSN 2425	Building Systems 2	3 credits
IDSN 2431	Design Theories 2	3 credits
IDSN 2445	Drawing and Rendering 2	3 credits
IDSN 2465	Workplace Experience	1 credit

\* **Note:** Completion of IDSN 2540 is required before entering Year 3.

## Year 3

### SEMESTER 5

#### All of:

IDSN 3500	Studio 5	4 credits
IDSN 3525	Building Systems 3	3 credits

IDSN 3531	Design Theories 3	3 credits
IDSN 3551	Field Studies	3 credits
IDSN 3591	Major Field Studies 1	1 credits

### SEMESTER 6

#### All of:

IDSN 3600	Studio 6	4 credits
IDSN 3635	Design Theories 4	3 credits
IDSN 3642	Representation	3 credits
IDSN 3692	Major Field Studies 2	2 credits

*One additional required course will be listed in the near future, so please check the department web page in the fall.*

## Year 4

### SEMESTER 7

#### All of:

IDSN 4001	Senior Studio 1	4 credits
IDSN 4721	Documentation	3 credits
IDSN 4765	Mentorship I	1 credit
IDSN 4781	Interior Design Business II	3 credits

### SEMESTER 8

#### All of:

IDSN 4002	Senior Studio 2	4 credits
IDSN 4865	Mentorship II	1 credit
IDSN 4880	Interior Design Business III	3 credits
IDSN 4861	Work Experience IV	1 credit

## Additional Requirements

The following requirements may be completed at any time during the program, except as noted:

#### All of:

ENGL 1100	Writing, Reading and Thinking: An Introduction (required before entering Year 2)	3 credits
IDSN 2540	Computer Drawing (required before entering Year 3)	3 credits
IDSN 4900	Self-Directed Study	3 credits

*One additional required course will be listed in the near future, so please check the department web page in the fall.*

### And 12 credits of approved Interior Design Liberal Education Electives

## OTHER INFORMATION

The third year of the program includes Major Field Studies as part of the curriculum requirements and the cost of travel is borne by the student.

The Interior Design program is delivered in an e-mobile environment which means students lease a laptop and all curriculum is housed online. Students need to include "fee for service" costs of the laptop and requisite course software for the duration of the 4 year degree program (approximately \$1,200 each year). **Students are advised not to purchase a laptop computer** as all required equipment, software and services will be supplied by Kwantlen through this service.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Bachelor of Interior Design**.

This Bachelor degree, followed by two cumulative years of work experience in the profession, qualifies graduates to write the National Council for Interior Design Qualification (NCIDQ) examination. This in turn, allows professional membership in the Interior Designers' Institute of British Columbia (IDIBC), the Interior Designers of Canada (IDC), and various international interior design associations.

# Bachelor and Associate of Arts Degree Information

## ARTS DEGREE PROGRAM FRAMEWORKS:

The Bachelor of Arts and Associate of Arts degrees at Kwantlen follow a framework model. General degree requirements are listed in the framework documents and specific requirements are shown in the major, minor, and specialties listed in the Faculty of Humanities and the Faculty of Social Sciences sections.

- Bachelor of Arts framework requirements
- Associate of Arts framework requirements

## GENERAL ARTS PROGRAMS:

In addition to the framework programs, Kwantlen has the following general arts programs:

- Bachelor of Arts Double Minor
- Bachelor of Arts, General Studies
- Bachelor of Arts Qualifying Year
- Associate of Arts Degree in General Studies
- Diploma in Arts
- Diploma in General Studies
- Certificate in Arts

## ARTS REQUIREMENT INFORMATION:

- Quantitative courses

## Arts: BA Qualifying Year

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	No Credential
OFFERED AT	FORMAT
Surrey	Full-time Part-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

The BA Qualifying Year provides students who are unsuccessful in their application to the BA program to begin their degree studies at the same time they complete the necessary academic upgrading to meet the minimum admission requirements. They will receive priority registration with other Bachelor of Arts students for the first year and, upon successful completion of upgrading courses, will be admitted to the Bachelor of Arts program.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply.

- Passing grade in Principles of Math 11 or Applications of Math 12, or equivalent

## CONTENT

Students will choose a variety of options to make the necessary academic upgrades within their first two semesters of study in order to meet the minimum admission requirements to the Bachelor of Arts degree program. These can include but are not limited to ENGQ 1099 and MATQ 1099. Students are encouraged to meet with an educational advisor or testing advisor to discuss their options.

All students in the BA Qualifying Year are required to take EDUC 1100.

Students are permitted to take university-level courses concurrently with the BA Qualifying Year requirements provided they meet the appropriate prerequisites.

## GRADUATION

Upon successful completion of the necessary academic upgrading, students in the BA Qualifying Year will be granted admission to the Bachelor of Arts degree program.

# Arts: Certificate

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Certificate
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Certificate of Arts degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study.

### Transfer to a Bachelor of Arts Program

Students intending to finish a degree at Kwantlen should become familiar with entrance requirements and degree requirements. Students intending to transfer to another institution are responsible for ensuring that their course selection meets the program requirements at the institution.

## PROGRAM ADMISSION REQUIREMENTS

### CONTENT

This certificate includes 30 semester credit hours in university level studies including:

- 6 credits in first year English
- Eight courses with university transfer level status

### GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Arts**.

# Arts: Diploma

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Diploma of Arts degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study.

### Transfer to a Bachelor of Arts Program

Students intending to complete a BA at Kwantlen should ensure they are familiar with the entrance and degree requirements. Students intending to transfer to another institution should ensure that their course selection meets the requirements of the Bachelor Degree at the institution of their choice and includes the first and second year requirements of their intended major program.

## PROGRAM ADMISSION REQUIREMENTS

### CONTENT

This diploma includes 60 semester credit hours in university level studies including:

#### First Year

- Six credits of first-year English
- Any other eight courses with university transfer credit

#### Second Year

Any other ten university studies courses including two chosen from the following disciplines:

- Creative Writing or English at the 2000 level,
- History,
- Music (with the exception of private lessons),
- Philosophy,
- Political Science, and
- Sociology at the 1200 level or higher.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in Arts**.

## Associate of Arts Degree Framework

Faculty of Social Sciences	
<a href="http://kwantlen.ca/socialsciences">kwantlen.ca/socialsciences</a>	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study.

The associate degree curriculum comprises two years of post-secondary level study in a variety of academic areas. Students are required to complete a broad range of course offerings balanced with in-depth study in specific disciplines. Since many students will continue their studies, the requirements are sufficiently flexible to enable students to plan their educational program carefully and to complete the required prerequisites for third year course work at Kwantlen or another BC university. Students will be exposed to concepts, theories and modes of inquiry in the humanities, the social sciences and the sciences to develop:

- an interest in, and curiosity about the world around them
- an understanding of the global context in which they live and work
- an appreciation of intellectual thought and human creativity
- an openness to a variety of viewpoints
- a capacity for and interest in self directed life-long learning
- acceptance of the social responsibilities that come with the benefits of advanced learning

In addition, the program of study should develop and improve those skills and abilities essential for academic success at an advanced intellectual level. These may be taught in some courses, embedded in the curriculum of others, or achieved through class participation and the learning process. These include but are not limited to:

- advanced reading comprehension
- effective written and oral communications
- mathematical and scientific reasoning
- computer and technological literacy
- research and evaluative skills
- analysis, synthesis and integration of knowledge

- critical thinking and problem solving
- application of theoretical understanding to practice
- working collaboratively

Kwantlen offers Associate of Arts degrees in the following concentrations:

- Anthropology
- Asian Studies
- Canadian Studies
- Creative Writing
- Criminology
- Economics
- English
- General Studies
- Geography
- History
- Music
- Philosophy
- Political Science
- Psychology
- Sociology

## Transfer to a Bachelor of Arts Program

Students can apply to Kwantlen's Bachelor of Arts degree programs with a complete Associate of Arts degree. Students are encouraged to complete key degree requirements to be awarded priority access to 3000 and 4000 level courses in their area of specialization. Completion of an Associate of Arts degree does not guarantee admission. See Program Admission Requirements for the Bachelor of Arts for more information.

Students who graduate with an Associate of Art degree in order to transfer to a BC institution to complete their degree studies are awarded 60 transfer credits at the receiving institution. Students are strongly encouraged to obtain program information from the appropriate transfer institution to ensure all first and second year program requirements are met within their Associate of Arts program.. Completion of an Associate of Art degree does not guarantee admission.

Students are responsible for ensuring their courses are transferable to other receiving institutions by checking the online transfer guide from the **BC Council on Admission and Transfer** at [www.bccat.ca](http://www.bccat.ca).

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Students are required to complete 60 semester credit hours of first and second year courses with a minimum grade of 'C' in all courses. These must include a minimum of 21 credits in Arts at the second-year level taken in two or more subject areas.

### Specific Requirements

- Six credits in first-year English
- Nine credits in Science which shall include at least:
  - A – One course chosen from the following:
    - ACCT 1230
    - CPSC 1100 or higher
    - CRIM 2103
    - GEOG 2390
    - MATH 1112 or higher
    - PSYC 2300

- SOCI 2365

- B – One course chosen from the following lab sciences:
  - ANTH 1217\* or ANTH 1212\*
  - ASTR 1100
  - BIOL 1110, 1112, 1160, 1210, 1260 or higher
  - CHEM 1101
  - ENVI 1112\* (discontinued)
  - GEOG 1110, 1120, 2310, 2320, 2330
  - GEOL 1210
  - PHYS 1100 or higher
- One additional course chosen from either A or B.

- Thirty-six credits in Arts, which shall include:
  - Six credits in the Social Sciences (Anthropology, Asian Studies, Criminology, Economics, Geography, Political Science, Psychology or Sociology)
  - Six credits in Humanities (Creative Writing, English, Fine Arts, French, German, History, Humanities, Japanese, Linguistics, Mandarin, Music, Philosophy, Policy Studies, Punjabi or Spanish)
  - Twenty-four additional credits in Arts
    - Nine credits in Arts, Science, or other areas

\*Note: Does not fulfill the science requirement at Kwantlen or elsewhere for Science majors.

## Course Numbering

With the exception of all Adult Basic Education (ABE), Post-Secondary Program Readiness (PSP) courses, and ENGQ 1099, MATQ 1092, MATQ 1093, CHEQ 1094, courses numbered 1000–1999 are primarily first year undergraduate courses. Courses numbered 2000–2999 are primarily second year. Students may follow this as a guideline when choosing their courses for the Associate of Arts degree. However, there are some exceptions to this rule. Below is a list of 1000 level courses that may be used for second year credit.

- ANTH 1100, 1200, 1217, 1220, 1260, 1290, 1291, 1300
- CRIM 1101, 1203, 1207, 1208
- CRWR 1100, 1110
- FINA 1100, 1110, 1111, 1170, 1175, 1200, 1230, 1231, 1242, 1244, 1247, 1270
- FREN 1210
- GEOG 1110, 1120, 1160, 1211, 1212
- HIST 1113, 1114, 1145, 1146, 1150, 1151, 1170
- JAPN 1200
- MUSI 1013, 1023
- PHIL 1110, 1112, 1145, 1150
- POLI 1110, 1120, 1123, 1125, 1145, 1150, 1240
- SOCI any 1200 level course or higher

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Arts** degree in their chosen subject area.

# Bachelor of Arts Framework

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Kwantlen's Bachelor of Arts Degree programs offer an integrated educational experience that helps students develop an appreciation for the relationships among personal, societal, and global well-being, and the personal implications for such issues as the basis of ethical judgment, social diversity, and the expectations of social responsibility. Students will develop skills to apply effective research, writing, and oral skills to problem-solve and develop into innovative, critical and creative thinkers.

Students can create a Bachelor of Arts Degree from a variety of majors and minors that meet their specific interests and goals, and which will prepare them for a wide range of careers after graduation. All BA Degree students will gain valuable skills that are required in today's changing labour market including communication skills, critical thinking skills, research skills, problem-solving skills, personal management skills and time management skills.

Students may complete a Bachelor of Arts degree with the following majors/areas:

- Anthropology
- Asian Studies
- Creative Writing
- Criminology (also: Honours)
- Double Minor
- English
- General Studies
- History
- Philosophy (also: Honours)
- Policy Studies
- Psychology (also: Honours)
- Sociology

## CAREER OPPORTUNITIES

The Bachelor of Arts degree will develop students with key essential skills sought by employers such as critical thinking, quantitative and logical skills, global and cultural awareness, and oral and written communication skills. The versatility of the

Bachelor of Arts degree will allow students to design programs of study that will prepare them for careers or further study in areas such as the following:

- Business
- Community service
- Law
- Policing
- Primary and secondary education
- Professional writing
- Public administration
- Public planning
- Religious studies
- Social Work

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

### Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).

- Grade of 'C' in all required 1000-and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## CONTENT

The following core requirements are to be completed for all Bachelor of Arts Degree Programs:

- Complete a total of 120 credits which includes:
- A minimum cumulative GPA of 2.00 with a minimum grade of "C" in all of the following required courses within the degree program (except where stated):

Other completed courses may qualify to meet degree requirements. Students are encouraged to contact a BA Degree Advisor with questions about eligibility for program application or graduation.

In addition to completing the core requirements of all Kwantlen Bachelor of Arts degree programs indicated above, students will have to complete additional course and program requirements according to their chosen program of study within the Faculty of Arts, Social Sciences and the Faculty of Arts, Humanities.

Students are normally expected to complete at least 60 credits at Kwantlen Polytechnic University for a B.A. degree; however, they may make a request for an exemption to this ruling on an individual basis through Enrolment Services. If such an exemption is granted, then residency may be limited to no fewer than 30 credits. In any case, at least 50% of the required upper level credits within the subject area must be completed at Kwantlen. For the BA in General Studies, the subject area includes all 45 upper level credits.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Bachelor of Arts** in their chosen major program, in General Studies, or with a Double Minor. Students may have the option of adding a Minor to their credential by completing any of the BA Minor options at Kwantlen..

# Double Minor: Bachelor of Arts

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Students may create a Bachelor of Arts, Double Minor degree program of study by selecting minors in two arts-related disciplines. These programs of study will normally involve a selection of courses from departments that most interest the student and best meet their needs for a coherent program.

The BA, Double Minor degree program will bridge knowledge and skills acquisition, combining traditional classroom-based theory courses with those emphasizing essential and analytical skills and their application to problem solving.

Key features of the program include:

- The development of knowledge, core competencies, and skills characteristic of traditional bachelor of art programs
- The preparation of students for entry into the labour market by incorporating essential skills in all courses
- The preparation of students to respond innovatively to emerging trends in society
- Clear benefits to students and to our communities by providing an opportunity for students to complete a Bachelor of Arts degree at Kwantlen where there is established emphasis on teaching, emerging emphasis on undergraduate research, long-standing connections to South Fraser communities, and accessibility for students in the expanding South Fraser region.

The flexibility of the program will allow students to target a wide range of employment opportunities. They may pursue a general liberal arts education or, in consultation with an advisor, structure a program leading to a specific career goal in fields such as peace studies, counseling, urban planning, urban environmental issues, teaching and law.

## CAREER OPPORTUNITIES

Graduates with a BA, Double Minor degree will be well prepared for a range of potential occupations. The versatility of the BA, Double Minor degree will allow students to design programs of study that will prepare them for careers or further study in areas such as the following:



- Business
- Community Service
- Law and Justice
- Policing
- Primary and Secondary Education
- Professional Writing
- Public Administration
- Public Planning
- Religious Studies
- Social Work

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

### Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).

- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## CONTENT

The flexibility of the BA, Double Minor degree allows students to customize their programs to reflect more directly their personal interests and facilitates their preparation for future career and educational goals. The program structure for each student in the BA, Double Minor program will vary depending upon the courses selected.

Students pursuing a Bachelor of Arts degree must complete all requirements in the Bachelor of Arts framework in addition to their major or minor program requirements.

BA Double Minor program options:

- Anthropology
- Asian Studies
- Counselling
- Creative Writing
- Criminology
- Economics
- English
- Geography
- History
- Mathematics
- Philosophy
- Political Science
- Psychology
- Sociology

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Bachelor of Arts, Double Minor**.

# General Studies: Associate of Arts Degree

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further studies.

Associate degrees allow you to enter third-year university studies at Kwantlen or other institutions. The Associate of Arts in General Studies option is for students who have not selected a major area of study.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Arts Degree, students must complete at least 60 credits with a minimum grade of C in each course counting toward this degree.

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Arts degree in General Studies**.

# General Studies: Bachelor of Arts Degree

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Bachelor of Arts, Major in General Studies degree program provides students with the opportunity to develop a degree program in thematic areas not addressed by other, more traditional programs in the Arts disciplines. Working with a BA degree Advisor, the student may create an individual program of study in concert with his/her specific career goals, or simply develop an interdisciplinary liberal arts education. Such a program of study will normally involve a selection of courses from within and between departments that most interest students and best meet their needs for a coherent program.

The program includes:

- The development of knowledge, core competencies, and skills characteristic of traditional Bachelor of Arts programs
- The preparation of students for entry into the labour market by incorporating essential and employability skills in all courses
- The preparation of students to respond innovatively to emerging trends in society
- Clear benefits to students and to the community by providing an opportunity for them to complete a Bachelor of Arts degree at Kwantlen where there is established emphasis on teaching, emerging emphasis on undergraduate research, long-standing connections to South Fraser communities, and accessibility to students in the expanding South Fraser region.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)

- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

## Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## CONTENT

The program structure for each student in the BA, Major in General Studies program will vary depending upon the focus and concentration of courses developed in consultation with the BA Degree Advisor and may include any minor programs offered by Kwantlen. Students preparing for teacher education programs upon graduation are encouraged to refer to the appropriate institutional admission requirements and work with a BA degree Advisor to ensure they include appropriate courses in their degree program.

**Students pursuing a Bachelor of Arts degree must complete all requirements in the Bachelor of Arts framework in addition to their major or minor program requirements.**

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Bachelor of Arts, General Studies**. Students may have the option of adding a Minor to their credential by completing any of the BA Minor options at Kwantlen.

# General Studies: Diploma

Faculty of Social Sciences	
<a href="http://kwantlen.ca/socialsciences">kwantlen.ca/socialsciences</a>	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

The General Studies Diploma program at Kwantlen has been designed as an alternative to both the applied and University Studies programs. It enables students to design a framework for studies independent of occupational or University Studies requirements.

Students may select any undergraduate level courses in the calendar that they are particularly interested in and for which the prerequisites can be met. Some of the courses offer transfer credit to a university, or other institutions.

## PROGRAM ADMISSION REQUIREMENTS

This program is not available for admission. Students may apply to graduate once they have completed sufficient requirements.

## CONTENT

To qualify for a General Studies Diploma, a student must complete a minimum of 20 undergraduate level courses, totalling 60 or more credits.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in General Studies**.

# Faculty of Humanities

Welcome to the Faculty of Humanities.

## DEAN:

**Mazen Guirguis, PhD**

Phone: 604.599.2672

Email: Humanities.Dean@Kwantlen.ca

## ARTS DEGREE PROGRAM FRAMEWORKS:

The Bachelor of Arts and Associate of Arts degrees at Kwantlen follow a framework model. General degree requirements are listed in the framework documents and specific requirements are shown in the major, minor, and specialties listed in the Faculty of Humanities and the Faculty of Social Sciences sections.

- Bachelor of Arts framework requirements
- Associate of Arts framework requirements

## GENERAL ARTS PROGRAMS:

In addition to the framework programs, Kwantlen has the following general arts programs:

- Bachelor of Arts Double Minor
- Bachelor of Arts, General Studies
- Bachelor of Arts Qualifying Year
- Associate of Arts Degree in General Studies
- Diploma in Arts
- Diploma in General Studies
- Certificate in Arts

## ARTS REQUIREMENT INFORMATION:

- Quantitative courses

## IN THIS SECTION:

You will find details of the Humanities programs:

- About the Faculty of Humanities
- Bachelor and Associate of Arts Degree Information
- Creative Writing: Bachelor of Arts Major and Minor
- Creative Writing: Associate of Arts Degree
- English: Bachelor of Arts Major and Minor
- English: Associate of Arts Degree
- Fine Arts: Bachelor of Fine Arts, Visual Arts
- Fine Arts: Diploma
- Fine Arts: Certificate
- Modern Languages
- Music: Associate of Arts Degree
- Music: Diploma
- Music: Certificate
- Policy Studies: Bachelor of Arts Major
- Philosophy: Bachelor of Arts Honours, Major, and Minor
- Philosophy: Associate of Arts Degree

# Creative Writing: Associate of Arts Degree

Faculty of Humanities	
kwantlen.ca/humanities	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Creative Writing is an excellent foundation for a variety of studies in the Arts. Students who wish to major in Creative Writing are strongly encouraged to complete an Associate of Arts degree with a concentration in Creative Writing.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Arts degree, students must complete at least 60 credits with a minimum of C in each course, including the following:

### 1. Both of:

CRWR 1100	Introduction to Creative Writing I	3 credits
CRWR 1110	Introduction to Creative Writing II	3 credits

### 2. Both of:

CRWR 2300	Drama, Fiction and Poetry I	3 credits
CRWR 2310	Drama, Fiction and Poetry II	3 credits

### 3. At least one English literature course at the 2000 level.

## OTHER INFORMATION

Students can use their Associate of Arts degree in Creative Writing to apply to Kwantlen's Bachelor of Arts program as long as other third year entry requirements are met.

Students who receive an Associate of Arts degree in Creative Writing from Kwantlen will have appropriate course coverage to enter the Creative Writing major program at UBC; however, this does not guarantee a position in the major program because admission in the Department of Creative Writing at UBC is also based on students' portfolios.

The Creative Writing major program at UVic requires an additional two courses in Creative Writing at the 2000 level or higher. Currently, students can fulfill these requirements by completing two of the following four courses at Kwantlen: CRWR 3100, 3110, 3120, or 3130. However, completion of these additional courses does not guarantee a position in the major program because admission in the Department of Creative Writing at the University of Victoria is also based on students' portfolios.

The Creative Writing major program at Vancouver Island University (VIU) requires an additional three courses in Creative Writing at the 1000 or 2000 level or higher.

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Arts Degree in Creative Writing**.

# Creative Writing: Bachelor of Arts Major and Minor

Faculty of Humanities	
kwantlen.ca/humanities	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Kwantlen Creative Writing Department offers students a community of creativity in which writers discover a purposeful craft and explore the gifts of the imagination. We offer award-winning faculty, small class sizes, and a wealth of online courses for learners not able to attend class at a Kwantlen campus.

Teaching in the Creative Writing Department is based on foundational principles of mentorship, humility, discovery, purposefulness, and learner autonomy. Faculty demonstrate an authentic spirit of inquiry intended as a model for learners. In turn, learners engage with a teaching environment that is collaborative, innovative, creative, and respectful. We embrace emerging and experimental teaching methods and research-driven pedagogy in support of a dynamic educational community that is innovative, interdisciplinary, and socially and culturally responsible. In the Creative Writing Department, learner engagement extends beyond the classroom to encompass community and industry partners and peers.

## CAREER OPPORTUNITIES

Creative writing is a vital and foundational skill which will allow students to further themselves in a variety of careers ranging from those traditionally associated with writing such as literary creation, publishing, editing, and communications to new media, marketing, publicity, advocacy and education. Creative writing also allows students who develop interests in other fields, or who go on to postgraduate study in other disciplines, to apply their skill sets to any area they choose - whether in the humanities, arts, trades, social sciences or sciences.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

## Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

## Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## CONTENT

### Creative Writing Major

This major will require higher grades than a C; please check the pre-requisites for each course.

## CORE REQUIREMENTS:

### All of:

CRWR 1100	Introduction to Creative Writing I	3 credits
CRWR 1110	Introduction to Creative Writing II	3 credits
ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
One of ENGL	at the 1200-level or equivalent	3 credits

### Two of:

CRWR 1240	Introduction to New Media	3 credits
CRWR 2300	Drama, Fiction and Poetry I	3 credits
CRWR 2310	Drama, Fiction and Poetry II	3 credits

## PLUS FOUR COURSES IN THREE OF THE FOLLOWING FIVE STREAMS (TOTALING 36 CREDITS):

### Fiction

CRWR 3100	Techniques in Short Fiction	3 credits
CRWR 3200	Short Fiction	3 credits
CRWR 4100	Advanced Short Fiction I	3 credits
CRWR 4200	Advanced Short Fiction II	3 credits

### Poetry

CRWR 3110	Poetic Forms and Techniques	3 credits
CRWR 3210	Advanced Poetic Forms and Techniques	3 credits
CRWR 4110	Advanced Poetry I	3 credits
CRWR 4210	Advanced Poetry II	3 credits

### Screenwriting

CRWR 3120	Screenwriting I	3 credits
CRWR 3220	Screenwriting II	3 credits
CRWR 4120	Advanced Screenwriting I	3 credits
CRWR 4220	Advanced Screenwriting II	3 credits

### Creative Nonfiction

CRWR 3130	Creative Nonfiction I	3 credits
CRWR 3230	Creative Nonfiction II	3 credits
CRWR 4130	Advanced Creative Nonfiction I	3 credits
CRWR 4230	Advanced Creative Nonfiction II	3 credits

### New Media

\*Courses are currently being developed

## Creative Writing Minor

Students in the Bachelor of Arts Minor program must complete the following courses:

## 1000 LEVEL

### 6 credits of Creative Writing:

CRWR 1100	Introduction to Creative Writing I	3 credits
CRWR 1110	Introduction to Creative Writing II	3 credits

### 6 credits of English as follows:

ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
One of ENGL at the 1200-level or equivalent		3 credits

## 2000 LEVEL

### 6 credits of Creative Writing:

CRWR 2300	Drama, Fiction & Poetry I	3 credits
CRWR 2310	Drama, Fiction & Poetry II	3 credits

## 3000 LEVEL

### 12 credits in two areas of concentration:

Choose two courses:

CRWR 3100	Techniques of Short Fiction	3 credits
CRWR 3110	Poetry Forms & Techniques I	3 credits
CRWR 3120	Screenplay I	3 credits
CRWR 3130	Creative Non-Fiction	3 credits

Choose the two courses that follow those from above:

CRWR 3200	Short Fiction	3 credits
CRWR 3210	Poetry Forms & Techniques II	3 credits
CRWR 3220	Screenplay II	3 credits
CRWR 3230	Creative Non-Fiction II	3 credits

## 4000 LEVEL

### 6 credits in the two areas of concentration chosen above:

CRWR 4100	Advanced Fiction Workshop	3 credits
CRWR 4110	Advanced Poetry Workshop	3 credits
CRWR 4120	Advanced Screenwriting	3 credits
CRWR 4130	Advanced Creative Non-Fiction	3 credits

## GRADUATION

Upon successful completion of the major program, students are eligible to receive a **Bachelor of Arts, Major in Creative Writing**.

Upon successful completion of the minor program, students are eligible to receive a **Minor in Creative Writing** as part of a Bachelor of Arts program.

# English: Associate of Arts Degree

Faculty of Humanities	
kwantlen.ca/humanities	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Concentration in English is an excellent foundation for a variety of studies. Those who wish to major in English are encouraged to take a variety of English courses within an Associate of Arts degree.

### Transfer to a Bachelor of Arts Program

Students who complete the Associate of Arts degree in English can apply to Kwantlen's Bachelor of Arts as long as other third year entry requirements are met.

Students who receive an Associate of Arts degree in English from Kwantlen Polytechnic University will have appropriate course coverage to be eligible to enter the English major program at SFU.

Students who receive an Associate of Arts degree in English from Kwantlen Polytechnic University will have appropriate course coverage to enter the English major program at UVic; however, UVic strongly recommends that students also have a reading knowledge of a second language.

Students who receive an Associate of Arts degree in English from Kwantlen Polytechnic University will have appropriate course coverage to enter the English major program at UBC; however, UBC has additional requirements that students will need to complete.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Arts degree, students must complete at least 60 credits with a minimum of C in each course including the following:



# English: Bachelor of Arts Major and Minor

## 1. One of the following:

ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
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## 2. At least one of the following first year English courses:

ENGL 1202	Reading and Writing about Selected Topics: An Introduction to Literature	3 credits
ENGL 1204	Reading and Writing about Genre: An Introduction to Literature	3 credits

## 3. Both of:

ENGL 2316	English Literature: 14th to 18th Centuries	3 credits
ENGL 2317	Readings in the English Literary Tradition: 18th to 20th Centuries	3 credits

## 4. At least one of the following English courses:

ENGL 2301	Canadian Literature in English	3 credits
ENGL 2309	Literature of the United States of America	3 credits

The English department strongly recommends that students who are pursuing an Associate of Arts Degree in English from Kwantlen Polytechnic University also complete at least one additional second year course chosen from the following list:

ENGL 2315	The Comic Voice	3 credits
ENGL 2319	The Novel in English: Its Development	3 credits
ENGL 2320	Studies in Poetry	3 credits
ENGL 2330	Studies in Drama	3 credits
ENGL 2340	Studies in Fiction	3 credits
ENGL 2350	Critical Studies in Film	3 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Arts Degree in English**.

Faculty of Humanities	
kwantlen.ca/humanities	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Bachelor of Arts, Major or Minor in English programs focus on the diverse literatures of the English-speaking world, including the full range of British, Canadian, and American literary traditions, diasporic literature and literature in translation, oral and written Aboriginal narratives, and classic and contemporary film. These degrees will allow students to develop the knowledge, core competencies, and skills characteristic of a traditional Bachelor of Arts program, while preparing them to respond critically and creatively to a wide range of issues and challenges in our community and in society in general. In addition to critical reading, writing and thinking skills, students who complete a Bachelor of Arts in English will be prepared for entry into the labour market through the incorporation of essential employability skills into all of our courses. They will also benefit from the expertise and the commitment to teaching excellence of our faculty, as well as from the small class sizes that characterize undergraduate study at Kwantlen Polytechnic University. Arts degrees have high levels of student satisfaction, and the literacy and analytical skills developed in such programs will prepare students to become constructive members of society and to fit well into the workplace.

## CAREER OPPORTUNITIES

Graduates with a Bachelor of Arts in English from Kwantlen Polytechnic University will have acquired a combination of discipline-based knowledge, core competencies and transferable skills that are not confined to a single career path but rather will allow them to pursue a wide range of personal and professional goals, ranging from education, journalism and advertising to social work, creative writing and communications. In addition, they will be well prepared for post-graduate studies in English, Law, Library Science, Human Resources, and Public Relations, to name only a few of the fields that graduates of English programs have traditionally entered. In fact, employers often rank graduates of English Studies programs as among their most versatile and adaptable employees.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

### Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

### Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## CONTENT

Students in the Bachelor of Arts, Major or Minor in English program will begin their first year of study with English 1100, an introductory writing course that is required of all students at Kwantlen, followed by one of two introductory literature courses. In their second year, students will choose at least three courses from a variety of 2000-level options designed to provide them with the literary historical knowledge necessary for upper-level study of literature in English. In their third year, students undertake in-depth study in a range of specific literary-historical periods and may concentrate on the development of a specific literary genre, i.e. poetry, fiction, drama or film. Finally, in the fourth year, students examine more sharply focused topics or themes, which are considered from multiple perspectives. (The specific requirements at each level of study, and the different requirements for the Major and Minor programs, are outlined below.)

Students pursuing a Bachelor of Arts in English must complete all requirements in the Bachelor of Arts framework in addition to their major or minor program requirements.

### English Major

#### 1000 LEVEL

The 1000 level of study in English provides a foundation for all Bachelor of Arts degree students by providing six to nine credits of critical reading and writing-intensive course work. Courses at the 1100 level focus primarily on the essay form; those at the 1200 level focus primarily on introductions to fiction, poetry and drama.

#### All Bachelor of Arts program students must complete:

ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
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#### And one of:

ENGL 1202	Reading and Writing about Selected Topics	3 credits
ENGL 1204	Reading and Writing about Genre	3 credits

#### 2000 LEVEL

English courses at the 2000 level are accessible to all students who have completed six English course credits from above (or their equivalent).

#### Prospective Bachelor of Arts, Major in English program students must complete:

ENGL 2316	English Literature: 14th to 18th Centuries	3 credits
ENGL 2317	English Literature: 18th to 20th Centuries	3 credits

#### And one of:

ENGL 2301	Canadian Literature in English	3 credits
ENGL 2309	Literature of the United States of America	3 credits

**Students may also take further second-year courses as electives:**

ENGL 2300	Advanced Writing and Research	3 credits
ENGL 2315	The Comic Voice	3 credits
ENGL 2319	The Novel in English: Its Development	3 credits
ENGL 2320	Studies in Poetry	3 credits
ENGL 2330	Studies in Drama	3 credits
ENGL 2340	Studies in Fiction	3 credits
ENGL 2350	Critical Studies in Film	3 credits

**3000 AND 4000 LEVEL**

English courses at the 3000 level are accessible to students who have completed at least three credits in English at the 2000 level. English courses at the 4000 level are accessible to students who have completed at least three credits in English at the 3000 level. In order to graduate with a Bachelor of Arts, Major in English, however, students must be admitted to the Bachelor of Arts and meet all of the Bachelor of Arts degree requirements, including all program requirements for an English Major.

In order to satisfy the requirements of the Bachelor of Arts, Major in English program, students must also complete at least thirty credits of study in 3000- and 4000-level English courses. These thirty credits must include a minimum of three credits at the 4000 level and meet the following distribution requirements:

**a) Must complete:**

ENGL 3300	Critical Theory	3 credits
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**b) At least three credits from each group prior to 1900:**

**Group A:**

ENGL 3315	Chaucer: Saints, Sinners, and Sex	3 credits
ENGL 3320	Studies in Shakespeare	3 credits
ENGL 3323	Seventeenth-Century British Literature	3 credits
ENGL 3325	Eighteenth-Century British Literature	3 credits

**Group B:**

ENGL 3301	Nineteenth-Century Canadian Literature in English	3 credits
ENGL 3306	Literature of the United States: Beginnings to 1865	3 credits
ENGL 3328	Romantic Poetry and Poetics	3 credits
ENGL 3332	Victorian Poetry and Non-Fiction	3 credits
ENGL 3336	The Victorian Novel	3 credits

**c) At least three credits in each of the five areas after 1900:**

**Area 1:**

ENGL 3351	Studies in Modernism	3 credits
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ENGL 3352	The British Novel, 1900-1945	3 credits
ENGL 3355	Modern and Contemporary Drama	3 credits
ENGL 3358	British Fiction since 1945	3 credits

**Area 2:**

ENGL 3301	Nineteenth-Century Canadian Literature in English	3 credits
ENGL 3302	Canadian Prose in English from 1900	3 credits
ENGL 3303	Canadian Poetry in English from 1880 to the Present	3 credits
ENGL 4401	Topics in Canadian Literature	3 credits

**Area 3:**

ENGL 3307	Literature of the United States: 1865-1910	3 credits
ENGL 3308	Literature of the United States: 1910-1945	3 credits
ENGL 3309	Literature of the United States: 1945 to the Present	3 credits
ENGL 4409	Topics in Literature of the United States	3 credits

**Area 4:**

ENGL 3310	Literature in Translation	3 credits
ENGL 3340	World Literature in English	3 credits
ENGL 3345	Diasporic Literatures	3 credits
ENGL 3360	Writing Women/Women Writing	3 credits
ENGL 3390	Indigenous Narratives, Oral and Written	3 credits

**Area 5:**

ENGL 3313	Reading Canonical Writers	3 credits
ENGL 3316	History of the English Language	3 credits
ENGL 3317	Readings in the History of Ideas	3 credits
ENGL 3330	Children's Literature	3 credits
ENGL 3350	Literature and Film	3 credits
ENGL 3370	Life Writing	3 credits
ENGL 3380	Popular Writing	3 credits
ENGL 4350	Topics in Film Studies	3 credits
ENGL 4400	English Studies in the Classroom	3 credits
ENGL 4700	Special Topics in Literature	3 credits

**Note:**

- The grade for each English course taken towards a Major in English must be a 'C' or better.
- In years 3 and 4, students may take up to 42 credits of 3000- and 4000-level English courses.
- Courses will be offered on a rotating basis (i.e. not all courses will be available in a given year). Kwantlen will ensure,

however, that each of the time periods (prior to 1900 and after 1900) is represented every year.

## English Minor

### 1000 LEVEL

The 1000 level of study in English provides a foundation for all Bachelor of Arts degree students by providing six to nine credits of critical reading and writing-intensive course work. Courses at the 1100 level focus primarily on the essay form; those at the 1200 level focus primarily on introductions to fiction, poetry and drama.

#### All Bachelor of Arts program students must complete:

ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
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#### And one of:

ENGL 1202	Reading and Writing about Selected Topics	3 credits
ENGL 1204	Reading and Writing about Genre	3 credits

### 2000 LEVEL

English courses at the 2000 level are accessible to all students who have completed six English course credits from above (or their equivalent).

#### Bachelor of Arts, Minor in English program students must complete:

ENGL 2316	English Literature: 14th to 18th Centuries	3 credits
ENGL 2317	English Literature: 18th to 20th Centuries	3 credits

#### And one of:

ENGL 2301	Canadian Literature in English	3 credits
ENGL 2309	Literature of the United States of America	3 credits

#### Any other 2300-level English courses may be used as electives.

### 3000 AND 4000 LEVEL

English courses at the 3000 level are accessible to students who have completed at least three credits in English at the 2000 level. English courses at the 4000 level are accessible to students who have completed at least three credits in English at the 3000 level.

Students who have completed the nine credits of required English courses at the 2000 level, as well as the other third-year entry requirements for the Bachelor of Arts, can apply for entry into the Bachelor of Arts, Minor in English program.

#### Bachelor of Arts, Minor in English program students must complete:

ENGL 3300	Critical Theory	3 credits
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One 4000-level English course.

#### And nine credits chosen from among the other 3000-level and 4000-level English courses.

**Note:** The grade for each English course taken towards a Minor in English must be a 'C' or better.

## GRADUATION

Upon successful completion of the major program, students are eligible to receive a **Bachelor of Arts, Major in English**.

Upon successful completion of the minor program, students are eligible to receive a **Minor in English** as part of a Bachelor of Arts program.

# Fine Arts: Bachelor of Fine Arts, Visual Arts

Faculty of Humanities	
kwantlen.ca/humanities	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Bachelor of Fine Arts, Visual Arts degree program provides students with comprehensive knowledge and practice in the field of visual arts. Students have access to a broad liberal education within the university emphasizing the development of effective academic writing and verbal communication and presentation skills. The core of the Visual Arts degree is a strong studio curriculum focusing on the ideas and technical processes of producing contemporary art.

Grounded in theory and practice, students develop aesthetic judgment, professional knowledge, disciplinary expertise, and the collaborative skills required to prepare them for employment. The degree will prepare students for further study, to be practicing artists, and for global citizenship.

The diverse needs of visual art students are met in a vibrant environment with outstanding facilities, studios, exhibition spaces, visiting artists, student exchange programs, and opportunities for liaison with the community. Personal and professional development is encouraged in the department's relevant, engaging and inclusive Visual Arts degree.

The degree will develop innovative and creative thinkers who are flexible and adaptable to a wide range of career paths.

**Key features of the B.F.A., Visual Arts degree include the following:**

- An emphasis on contemporary studio arts in two-dimensional (drawing, painting, print media), three-dimensional (sculpture, ceramics, installation), photography, digital media, and visual and contemporary theory.
- A commitment to a student-centred teaching environment, small class sizes, and easy access to qualified faculty.
- An opportunity for students to complete a Bachelor of Fine Arts degree in their community, at Kwantlen Polytechnic University which has a long-standing relationships with the arts and culture sector in the South Fraser
- The preparation of students for entry into the cultural industries sector and the labour market by incorporating essential skills into the curriculum, including cross-disciplinary

applications of studio art theory and practice to programs such as industrial and product design.

- Focus on theoretical, methodological, and applied understanding and skills required for employment and/or further studies.
- A solid liberal arts background that will prepare students to become constructive members of society and to fit readily into the workplace.
- The possibility for students to access Trades and Technology courses for professional instruction in metal work, masonry and carpentry at the Kwantlen Cloverdale campus for Trades and Technology.

## CAREER OPPORTUNITIES

Recent studies by Statistics Canada have confirmed that cultural industries rely on high-quality, university-based education to ensure the excellence of its practitioners and facilitators. Employers are looking for creative, innovative individuals with a well-rounded, advanced education that enables them to adapt to various environments.

Upon completion of the program, students will be prepared to work as self-employed, professional artists. Students will also have the skills to excel in numerous Visual Arts related fields and industries such as museum and gallery work, art curation, advertising, electronic arts, web design, architecture, art therapy, theatre, TV, film, education, journalism, publishing, and graphics. In some of these areas, a B.F.A. is the stepping-stone to further studies such as specialization certificates or post-graduate studies in Visual Arts.

Visual Arts graduates will acquire skills to develop a career creating and exhibiting their own work. Professional practice curriculum will enable students to be self-employed in art-related fields (some of which are mentioned above) such as product design work, crafts, public art and murals. They will be able to capitalize on market opportunities and derive income from a variety of sources such as sales, royalties, consultation fees, copyright, and exhibition and lecture fees. Their success will come from an awareness of the need to manage their careers as self-employed individuals with a commitment to continuous personal development.

The visual arts field has always been eager to adopt and utilize new technologies such as imaging and audio software, digital video and web-based art. Visual artists are becoming more involved not only in the application of new technologies to art but also in their design. The degree program reflects this dynamic interaction between the arts and current and emerging technologies and prepares graduates for employment opportunities in the growing industry of the electronic arts.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

- English 12 with a grade of 'B' (or equivalent)
- A portfolio review accompanied by a statement of interest.

The application deadline is March 31st of each year. Late applicants may be accepted pending space availability and students may enter the program at any time, provided program admission requirements are met.

## Portfolio Review

Do not submit your portfolio at the time of application. The Office of Admissions will contact you with details of portfolio review dates and deadlines.

The portfolio review will include:

- 10 to 12 examples of your original art that may range from sketchbooks to documentation of large artworks in any medium. Artwork could include photography, ceramics, computer-based graphics (including interactivity and motion), printmaking, painting, drawing and sculpture.
- A one page, typewritten statement of your artistic interests, including why you wish to pursue an education in the Fine Arts.

Portfolios can be submitted in one of the following formats:

- Hardcopy portfolios, (zipper cases, folders or customized containers with originals or reproductions, such as photographs or videos).
- Digital portfolios, (CD, DVD, USB Drive, or website).

For general inquiries about the program or the portfolio review process, contact the Chair of Fine Arts for assistance: nancy.duff@kwantlen.ca.

Students will be notified of the results of the portfolio review by the Office of Admissions.

## CONTENT

Students will achieve a B.F.A., Visual Arts by completing a minimum of 120 credit hours with a cumulative grade point average of 2.0, plus a minimum grade of 'C' in all required courses. Successful entry into third year "Advanced Studio and Seminar I" will require a CGPA of 2.0 or higher plus a minimum grade of 'B-' in one second year studio course. In addition to satisfying all the essential requirements listed, students must complete at least 96 of the 120 credits in FINA/ARTH subjects, and at least 42 credits at the 3rd and 4th year levels.

The following are program requirements of the B.F.A., Visual Arts:

- 6-credit writing requirement comprising ARTH 1120 and an ENGL course number 1100 or higher to be completed within the first 60 credits taken.
- 24-credit breadth requirement consisting of courses outside of the Fine Arts Dept. (studio and Art History). Students will choose electives according to their interests from the Humanities, Social Sciences, Sciences, Mathematics, Business, Trades and Technology. A minimum of nine credits must be taken from the Humanities area (including English 1100).

The B.F.A., Visual Arts offers 1000- and 2000-level studio courses in the areas of ceramics, drawing, foundation in 2D and 3D studio, mixed media, digital media, painting, photography, print media and sculpture. These lower level courses are designed to develop expertise in a number of disciplines and cross-disciplinary work. Studio courses offer a combination of technical knowledge, creative thinking and critical content. There is flexibility within the structure of the program that allows students in third and fourth year to continue to take lower level, studio electives. This allows upper level students to continue to broaden their artistic understanding and skills, which, in turn, informs their third and fourth year art practice. Courses in Art History, Issues in Contemporary Art and Professional Practice complement the 1000- and 2000-level studio offerings.

The solid foundation in the visual arts that students gain after completing the lower level course requirements allows for more freedom in the upper level studios of the degree. The core of the 3000- and 4000-level studios is an open format where students are able to work in a variety of studio disciplines within the same course. The student will work with a single or cross-disciplinary approach depending on their critical and creative concerns in relation to their art practice. In the final two semesters of the upper year, open studio courses will each be worth 6 credits. This credit value will allow students to focus a greater amount of research and labour into their personal art practice while also giving them access to two instructors in each semester. This strong upper level studio core of the degree will be complemented by courses in a variety of areas. Art History will continue to offer curriculum in the upper levels concentrating on specific movements and periods. Students will also have access to such courses as Art in the Public Realm, and Artistic Practice in the Community. Special Topics in Studio Arts may be taken more than once for credit. Students may also draw from newly developed Cultural Studies and Interdisciplinary Expressive Arts courses.

All FINA/ARTH courses are 3 credits except FINA 4300 and 4400, which are both 6 credits.

### 1000 AND 2000 LEVEL

**In the first 60 credits of the BFA, program all students must complete:**

ARTH 1120	History of Western Art: Prehistoric to Early Renaissance	3 credits
ARTH 1121	History of Western Art: Renaissance to the 20th Century	3 credits
	One ENGL course numbered 1100 or higher	
FINA 1100	Introduction to Drawing	3 credits
FINA 1167	Introduction to Visual Culture: Look Now!	3 credits
FINA 1175	Form, Structure and Materials	3 credits
FINA 1200	Drawing II	3 credits
FINA 2111	Professional Practices	3 credits
FINA 2147	Issues in Contemporary Art	3 credits

### 3000 AND 4000 LEVEL

**In order to satisfy the requirements of the BFA, Visual Arts program, students must complete at least 42 upper-level ARTH/FINA credits of study including the following required courses:**

FINA 3100	Open Studio and Seminar I	3 credits
FINA 3200	Open Studio and Seminar II	3 credits
FINA 4300	Open Studio and Thesis I	6 credits
FINA 4400	Open Studio and Thesis II	6 credits

### ELECTIVES

Prospective BFA, Visual Arts, program students must also complete:

**27 to 30 credits of 1000 and 2000 level studio electives:**

FINA 1110	Introduction to Painting	3 credits
FINA 1130	Ceramics I	3 credits
FINA 1131	Introduction to Sculpture	3 credits
FINA 1135	Introduction to Digital Media	3 credits
FINA 1142	Introduction to Print Media	3 credits
FINA 1145	Monotype – The Painted Print	3 credits
FINA 1170	Photography I	3 credits
FINA 1210	Painting II	3 credits
FINA 1230	Ceramics II	3 credits
FINA 1231	Sculpture II	3 credits
FINA 1242	Print Media II	3 credits
FINA1270	Photography II	3 credits
FINA 2135	Digital Media: Design in Contemporary Art	3 credits
FINA 2235	Digital Media: Interactive Art on the Web	3 credits
FINA 2300	Advanced Drawing I	3 credits
FINA 2310	Advanced Painting I	3 credits
FINA 2330	Ceramics III	3 credits
FINA 2331	Sculpture III	3 credits
FINA 2335	Digital Media: Video and Installation	3 credits
FINA 2342	Advanced Print Media	3 credits
FINA 2370	Photography III	3 credits
FINA 2400	Advanced Drawing II	3 credits
FINA 2410	Advanced Painting II	3 credits
FINA 2430	Ceramics IV	3 credits
FINA 2431	Sculpture IV	3 credits
FINA 2442	Print Media IV	3 credits

**9 to 18 credits of ARTH electives:**

**Including 3 to 6 credits of 2000 level ARTH:**

ARTH 1130	Introduction to Film Studies	3 credits
ARTH 2122	Art in Flux: The Modern period	3 credits
ARTH 2124	Indigenous Art	3 credits
ARTH 2126	Canadian Art	3 credits
ARTH 2222	Art: 1945 to the Present	3 credits

**6 to 12 credits of 3000/4000 ARTH:**

ARTH 3100	Special Topics in Art History (rotating topics, may be taken multiple times)	3 credits
ARTH 3121	Italian Renaissance and Mannerist Art	3 credits

ARTH 4100	Special topics in Art History (rotating topics, may be taken multiple times)	3 credits
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**12 to 15 credits of 3000 level studio electives selected from the following:**

FINA 3110	Introduction to Curatorial Studies	3 credits
FINA 3112	Public Art: Theory and Practice	3 credits
FINA 3135	Advanced Digital Media: Open Studio I	3 credits
FINA 3147	Issues in Contemporary Art II	3 credits
FINA 3201	Artistic practice in the Community	3 credits
FINA 3202	Special Topics in Studio Arts (rotating topics, may be taken multiple times)	3 credits

**Notes:**

- Courses will be offered on a rotating basis (i.e. not all courses will be available in a given year). Kwantlen will ensure, however, that the necessary requirement of courses will be offered for a student to graduate in a four-year period.
- If you plan to earn a BFA degree from Kwantlen, please review the list of BFA required lower level courses and consult a Bachelor of Arts degree advisor if you have questions about planning your program of studies.
- Students coming from another accredited institution should apply for transfer credit to obtain credits that could be applied to the BFA degree.
- If you choose to opt out of the BFA degree program during the course of your studies, you may choose to apply for our Certificate or Diploma programs, and receive either of these credentials.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Bachelor of Fine Arts, Visual Arts**.

# Fine Arts: Certificate

Faculty of Humanities	
kwantlen.ca/humanities	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Certificate
OFFERED AT	FORMAT
Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Thirty credits are required for the Certificate Program. The Fine Arts Certificate is a self-contained program, that allows students to continue to the Fine Arts Diploma Program, the BFA, Visual Arts Degree or to apply to other art schools or universities. The credits may also be applied and used to build portfolios for other Kwantlen programs such as Foundations of Design, Graphic Design for Marketing, Interior Design or Fashion Design.

The Fine Arts Certificate is a foundation year program of related courses concerned with the fundamentals of visual art and visual communication. It provides a period of study, exploration and intense development of ideas and techniques.

During this year students will study both two-dimensional and three-dimensional aspects of the fundamentals common to Fine and Applied Arts. See below for a full listing of course requirements for the 30 credit program.

If there are any general questions or concerns, please contact the Chair of Fine Arts for assistance (nancy.duff@kwantlen.ca).

## Further Study

If you think you would like to ladder your Certificate into our Diploma program, please plan your program of studies to reflect the first 30 credits of the Fine Arts Diploma.

If you think you would like to ladder your Certificate into our Bachelor of Fine Arts program, please plan your program of studies to reflect the first 30 credits of the BFA degree. Please contact a Bachelor of Arts advisor to help you plan your BFA degree.

Students planning to enter another university after their first or second year should check transfer requirements before choosing their electives. See the appropriate university calendar for details. For further information contact a Bachelor of Arts advisor. Students are encouraged to take both terms of any given discipline (i.e. both Drawing I and II) to facilitate effective university transfer status.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Both first and second year are focused on the fundamentals of contemporary art practice. All students are encouraged to take a wide range of studio and academic courses with the intent to build a dynamic and diverse portfolio. Each semester students are free to design their own composition of courses reflecting both personal and academic goals. It is strongly recommended that students work with a faculty advisor in order to plan the most effective course of study.

### 30 credits to be chosen from:

ARTH 1120	History of Western Art: Prehistoric to Early Renaissance	3 credits
ARTH 1121	History of Western Art: Renaissance to 20th Century	3 credits
ARTH 1130	Introduction to Film Studies	3 credits
ARTH 2122	Art in Flux: The Modern Period	3 credits
ARTH 2124	Indigenous Art	3 credits
ARTH 2126	Canadian Art	3 credits
ARTH 2222	Art: 1945 to the Present	3 credits
FINA 1100	Introduction to Drawing	3 credits
FINA 1110	Introduction to Painting	3 credits
FINA 1130	Ceramics I	3 credits
FINA 1131	Introduction to Sculpture	3 credits
FINA 1135	Introduction to Digital Media	3 credits
FINA 1142	Introduction to Print Media	3 credits
FINA 1145	Monotype – The Painted Print	3 credits
FINA 1167	Introduction to Visual Culture: Look Now	3 credits
FINA 1175	Form, Structure and Materials	3 credits
FINA 1170	Photography I	3 credits
FINA 1200	Drawing II	3 credits
FINA 1210	Painting II	3 credits
FINA 1230	Ceramics II	3 credits
FINA 1231	Sculpture II	3 credits
FINA 1242	Intermediate Print Media	3 credits
FINA 1270	Photography II	3 credits
FINA 2111	Professional Practices	3 credits
FINA 2135	Digital Media: Design in Contemporary Art	3 credits



FINA 2147	Issues in Contemporary Art	3 credits
FINA 2235	Digital Media: Interactive Art on the Web	3 credits
FINA 2335	Digital Media: Video and Installation	3 credits
FINA 2342	Print Media III	3 credits
FINA 2442	Print Media IV	3 credits

\* **Note:** Students should design their curriculum to reflect a balance of 2 and 3 dimensional studies.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Fine Arts**.

## Fine Arts: Diploma

Faculty of Humanities	
kwantlen.ca/humanities	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Fine Arts offers a two-year Fine Arts Diploma Program and a one-year Certificate Program. Both are designed to enable students to acquire a solid foundation in the basic skills of visual arts. Selected courses and groups of courses within the Diploma program may be applied to a 3rd year entry into the Kwantlen Fine Arts BFA, Visual Arts or university transfer credit in Fine Arts and Education.

## Further Study

If you think you would like to ladder your Diploma into our BFA degree program, please plan your program of studies to reflect the first 60 credits of the BFA degree. Please contact a Bachelor of Arts advisor to help you plan your BFA degree.

Students coming from another accredited institution should apply for transfer credit to obtain credits that could be applied to the Diploma.

Students planning to enter another university after their first or second year should check transfer requirements before choosing their electives. See the appropriate university calendar for details. For further information contact a Bachelor of Arts advisor. Students are encouraged to take both terms of any given discipline (i.e. both Drawing I and II) to facilitate effective university transfer status.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

The sixty (60) credits for the diploma may be accumulated on a full or part-time basis. In order to receive a diploma, students must complete ARTH 1120 and ARTH 1121 (6 credits), 48 Fine Arts credits, and 6 additional academic credits. It is recommended that at least one academic elective is an English course. Upon completion of the two-year diploma program at Kwantlen, graduates will have acquired both intellectual and technical skills to work effectively with a wide range of media.

With these skills students can continue to develop their creative potential individually, through the BFA, Visual Arts program, or at another learning institution. Most Fine Arts credits are university transferable.

The department recommends that students consider a course of study that includes specializing in one or more areas, such as ceramics, painting, drawing, photography, print media, sculpture, and digital media.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in Fine Arts**.

## Modern Languages

Faculty of Humanities	
kwantlen.ca/humanities	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Not applicable	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	No Credential
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Kwantlen offers a wide variety of language and linguistics courses (French, German, Japanese, Mandarin, Linguistics, Punjabi, and Spanish) as well as cultural studies courses (instruction in English). Learning foreign languages helps students develop the complex set of linguistic, social, and cultural skills, which enables them to understand not only the particular language and culture they are studying but also their own socio-cultural norms and values. These languages are also spoken locally so studying them will help students communicate and integrate with the broader local communities. Knowing additional languages will also help students study abroad and work internationally.

We offer an inclusive and interactive learning environment, encouraging students to engage with the course content and actively broaden their perspectives of the world.

Study abroad opportunities are available in several countries: France, Germany, Japan, China, Chile.

**Note:** There are restrictions on eligibility to register in some courses for native or near-native speakers of the language courses we offer. See sections on each language for details.

## PROGRAM ADMISSION REQUIREMENTS

Admission to a Kwantlen program is required to access the Modern Languages courses.

## CONTENT

### Cultural Studies Courses

#### OFFERED AT RICHMOND AND SURREY

Culture is the ways people think about themselves and organize the world they inhabit, which is closely related to language which is the medium of a culture's expression. Language and culture are both part of the lives of a particular group of people, and our Cultural Studies Courses provide students with an opportunity to explore cultures through textual and visual media and through business practices.

Cultural Studies courses are offered in English.

## French Courses

### OFFERED AT RICHMOND, AND SURREY

French is an official language of Canada and mother tongue of about 7.0 million Canadians. It is also one of the world's major international languages spoken by over 200 million people in 43 countries. Knowing French helps students pursue their career goals, communicate with people in many different countries, and explore French literature, art, music, fashion, cuisine, cinema, and so on.

Kwantlen offers various levels of French courses. Since not all courses are offered in every semester or on every campus, language students are strongly advised to seek counseling from members of the Modern Languages department before planning their program.

All courses are designed as the first or second half of a one-year unit. It is recommended that the second half should be taken immediately after the first to maintain continuity. Courses offered during the Fall and Spring semesters consist of three hours of class instruction and 40 minutes of lab/conversation per week.

Intensive courses offered during the Summer session consist of six hours of class instruction and 80 minutes of lab/conversation per week.

Students with a competence in the language beyond the level of the course in which they are registered will be required to withdraw. Students who are not sure of their language level should contact an instructor.

Since FREN1100 is an introductory language course, there is no need for an assessment.

For course descriptions and prerequisites, see the French course descriptions.

For assessment or placement test information, please e-mail: [olivier.clarival@kwantlen.ca](mailto:olivier.clarival@kwantlen.ca). For Surrey Campus, e-mail: [patrick.karsenti@kwantlen.ca](mailto:patrick.karsenti@kwantlen.ca).

For transfer credit, please check the B.C. Transfer Guide for further information.

## German Courses

### OFFERED AT SURREY, RICHMOND, AND LANGLEY

Learning German gives you access to a culture which is incredibly rich and rewarding, particularly for students who are interested in philosophy, literature, and technology. Learning German can help you communicate with 120 million native speakers around the world. Learning German also improves your understanding of English.

Note that not all courses are offered in every semester or on every campus.

Native speakers of German who wish to take a first- or second-year German course must consult with a German instructor before registration. Students with a German 'Abitur' are not permitted to enrol in the courses. Students with a competence in the language beyond the level of the course in which they are registered may be required to withdraw. Students who are not sure of their level of language competence should contact an instructor.

For assessment or placement test information, please email: [bea.pires@kwantlen.ca](mailto:bea.pires@kwantlen.ca) or [jason.lieblang@kwantlen.ca](mailto:jason.lieblang@kwantlen.ca). Since GERM 1100 is an introductory language course, there is no need for an assessment.

## Japanese Courses

### OFFERED AT RICHMOND AND SURREY

Japanese is a language spoken by over 130 million people in Japan and in Japanese immigrant communities around the world. Since Japan has the most diverse economy in Asia and has the 3rd largest economy in the world, knowing Japanese will bring business opportunities and help students pursue their career goals. Also, Japanese culture has become part of the international cultural scene, including sushi bars, karaoke, anime, in addition to traditional arts. Learning Japanese helps students explore Japan's rich history and culture.

Students with competence in the language beyond the level of the course will not be allowed to register for the course. Students who have previously taken Japanese must contact the instructor before registering for JAPN 1101, 2200,2201, 3300, or 3301.

For assessment or placement test information, please email: [sumiko.nishizawa@kwantlen.ca](mailto:sumiko.nishizawa@kwantlen.ca); [seiko.roberts@kwantlen.ca](mailto:seiko.roberts@kwantlen.ca).

Since JAPN 1100 is an introductory language course, there is no need for an assessment for anyone without prior knowledge of Japanese. Anyone who has prior knowledge of Japanese must contact the instructor for assessment purposes prior to registration.

## Linguistics Courses

### OFFERED AT RICHMOND AND SURREY

Linguistics is the methodical and systematic study of human language. It investigates all aspects of how people use language and what they must know in order to do so. In examining the general structural properties of language, students learn how words and sentences are formed, how sounds are articulated and patterned, how words and sentences are interpreted and how context affects meaning. Students analyze examples from a variety of languages, not only English. Subfields of linguistic study examine first and second language acquisition, the neurological foundations of language, the interrelationships between language and various social factors, the historical changes of language, as well as linguistic typology and universals. Knowledge of linguistics is highly beneficial for the study and teaching of any language, but linguistic research also shares concerns with practically every human science, from psychology and neurology to literary study, anthropology, sociology, history, political science and criminology.

For assessment or placement test information, please call 604.599.2222 (voice mail: 9346) or email: [paivi.koskinen@kwantlen.ca](mailto:paivi.koskinen@kwantlen.ca).

## Mandarin Courses

### OFFERED AT RICHMOND

Mandarin is the national language of China. With 1 billion speakers, Mandarin Chinese is the most spoken language in the world. This is also the language of the future, since China has become a world economic power. Learning Mandarin helps students advance their career opportunities, particularly in the field of business.

To help students register in the right course level, the Modern Languages Department of Kwantlen, in consultation with the Chinese programs at other BC universities and colleges to which our courses are transferable, institutes some guidelines for Mandarin course admission. These guidelines are available at <http://www.kwantlen.ca/mandarin>. You are strongly advised to refer to these guidelines for self-assessment before registering for a course. Should your language level be found higher than the

course level after classes start, you will be placed in a higher level course (if space is still available) at the discretion of the instructor; alternately, you may be dropped from the class. It is therefore to your advantage to read and follow the guidelines carefully. You are also encouraged to take a look at the textbooks at the bookstore to ascertain your level for course registration.

Registration tip: Mandarin courses are always popular and fill up quickly. Register early to avoid disappointment.

### To Contact the Instructor for an Assessment:

Please note that the guidelines are for general information only. If you are unsure of your language level or if you have extenuating circumstances for special consideration, please email the following information to [yanfeng.qu@kwantlen.ca](mailto:yanfeng.qu@kwantlen.ca) or to the instructor of the course:

1. Your full name, student number and phone number;
2. Your birth place and languages you speak (including various Chinese dialects);
3. Your age when you immigrated to Canada (if you were born overseas);
4. Your grade(s) for high school Mandarin (e.g. Mand 11 and/or Mand 12) AND the year in which you completed it.
5. Extenuating circumstances that are not covered by the course admission guidelines presented above and that deserve special consideration.

(A formal placement test may be administered and official documents may be requested for verification purposes at the discretion of the department.)

## Punjabi Courses

### OFFERED AT SURREY

Punjabi is spoken by eighty million people in South Asia. In BC, it is the fourth most commonly spoken language. Learning Punjabi helps students communicate with people in the large Punjabi community and explore its cultural importance.

Note: Any student with recent Grade 12 Punjabi, or with previous language skills meeting or exceeding this level is not permitted to register in the introductory courses PUNJ 1100 and 1101. Students with a competence in the language beyond the level of the course in which they are registered may be required to withdraw. Students unsure of their level should contact the instructor.

PUNJ 1100 is designed for students who have little or no previous knowledge of Punjabi (Gurmukhi). They will use the communicative approach to develop the ability to speak, comprehend, read, and write Punjabi while further exploring the Punjabi culture.

Punjabi 1101 students will continue to build on basic reading and writing skills learned in the lower level course as well as improve their oral and listening skills while further exploring the Punjabi and Indian cultures.

Intermediate and upper-level Punjabi classes include PUNJ 2200 (Intermediate Punjabi I), PUNJ 2201 (Intermediate Punjabi II) and PUNJ 3300 (Canadian Punjabi Literature).

For assessment or placement test information, or for any further information, please call 604.599.2222 (voice mail: 9354) or email: [ranbir.johal@kwantlen.ca](mailto:ranbir.johal@kwantlen.ca)

## Spanish Courses

### OFFERED AT RICHMOND, LANGLEY, AND SURREY

Spanish is the fourth most commonly spoken language in the world and the official language of 21 countries with combined population of 350 million. Learning Spanish helps students explore different parts of the world and have opportunities to work in trade or business fields.

Kwantlen offers various levels of Spanish. Since not all courses are offered in every semester or on every campus, language students are strongly advised to seek counseling from members of the Modern Languages discipline before planning their program.

Students with a competence in the language beyond the level of the course in which they are registered will be required to withdraw. Students who are not sure of their language level should contact an instructor.

The majority of our courses is designed as the first or second half of a one-year unit. It is expected that the second half should be taken immediately after the first to maintain continuity. Courses offered during the Fall and Spring semesters consist of three hours of class instruction and 40 minutes of lab/conversation per week.

Intensive courses offered during the Summer session consist of six hours of class instruction and 80 minutes of lab/conversation per week.

Note: Not all courses have a component of lab/conversation.

For assessment or placement test information, please email: [constanza.rojas-primus@kwantlen.ca](mailto:constanza.rojas-primus@kwantlen.ca) or [patrick.karsenti@kwantlen.ca](mailto:patrick.karsenti@kwantlen.ca).

As SPAN 1100 is an introductory language course, there is no need for an assessment.

Note: Native or near-native speakers of Spanish who wish to take Spanish courses with us must consult with any of the Spanish instructors listed above first, as we offer second and third year courses for students who know how to speak the language but need improvement in other areas such as writing or more formal registers of speech.

## GRADUATION

These courses may be used towards many Kwantlen credentials.

# Music: Associate of Arts Degree

Faculty of Humanities	
kwantlen.ca/humanities	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Langley	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of Music.

The associate degree in music is designed for students who wish to major in Music without private instruction.

Prospective music students should attend an information session where all program and application procedures will be explained. For more information, please contact the Music Department at 604.599.3315, or [music@kwantlen.ca](mailto:music@kwantlen.ca).

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Arts degree, students must complete 24 courses at the first and second year level, totaling at least 60 credits. A minimum grade of C is required in each course counting toward the associate degree.

### Required Music courses in the Associate of Arts degree are:

#### Semester 1 (Offered in September)

MUSI 1150*	The Language of Music I	3 credits
MUSI 1151*	Aural Musicianship I	2 credits
MUSI 1153	History of Music I: Antiquity to 1600	3 credits

#### Semester 2 (Offered in January)

MUSI 1250*	The Language of Music II	3 credits
MUSI 1251*	Aural Musicianship II	2 credits

MUSI 1253 History of Music I 3 credits

#### Semester 3 (Offered in September)

MUSI 2350*	The Language of Music III	3 credits
MUSI 2351*	Aural Musicianship III	2 credits
MUSI 2353	History of Music II	3 credits

#### Semester 4 (Offered in January)

MUSI 2450*	The Language of Music IV	3 credits
MUSI 2451*	Aural Musicianship IV	3 credits
MUSI 2453	History of Music III	3 credits

\* **Note:** These courses are corequisites, and must be taken in the semester indicated above.

For transferring to UVic, in addition to the Music courses listed above, students must take either MUSI 1167 and 1267, or 1168 and 1268, or 1169 and 1269. Permission must be obtained from the Faculty of Music to enrol in all first level music courses.

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Arts Degree in Music**.

# Music: Certificate

Faculty of Humanities	
kwantlen.ca/humanities	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Certificate
OFFERED AT	FORMAT
Langley	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Music Certificate (Foundation) is a one-year, two-semester program totaling 30 credits. By giving a thorough grounding in the essential elements of music history theory, aural musicianship and rhythm skills, and performance, the program provides a firm base upon which to build musical skills. A core curriculum is supplemented by music and/or academic electives chosen by the student in consultation with a faculty advisor.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply.

- Students seeking entrance to the Certificate program need to show keen interest in music, ability on their instrument, and potential for development.
- They must be able to read music on their instrument

These requirements are determined at an audition and interview, held in April and May. Late auditions may be held in August, subject to seat availability. Applications for the Music Certificate program will be accepted on a first-come, first-served basis with placement into the appropriate ensemble and private instruction by interview and audition.

## CONTENT

The Certificate in Music has the following requirements:

### Semester 1

#### All of:

MUSI 1100	Rudiments of Music I	3 credits
MUSI 1101	Aural Musicianship and Rhythm Training I	2 credits
MUSI 1103	Listening to Music I	3 credits
MUSI 1105	Major Instrument - Foundation I	2 credits

#### One of:

MUSI 1017	Kwantlen Strings I (Certificate)	2 credits
MUSI 1018	Kwantlen Wind Ensemble I	2 credits
MUSI 1019	Kwantlen Chorus I (Certificate)	2 credits

**In addition, Music or Academic Elective (s) totaling a minimum of 2 credits\***

### Semester 2

#### All of:

MUSI 1020	Rudiments of Music II	3 credits
MUSI 1021	Aural Musicianship and Rhythm Training II	3 credits
MUSI 1023	Listening to Music II	3 credits
MUSI 1205	Major Instrument - Foundation II	2 credits

#### One of:

MUSI 1027	Kwantlen Strings II	2 credits
MUSI 1028	Kwantlen Wind Ensemble II	2 credits
MUSI 1029	Kwantlen Chorus II	2 credits

**In addition, Music or Academic Elective(s) totaling a minimum of 2 credits\***

## Music Electives

**\*Note: Music electives may be chosen from:**

MUSI 1030	Directed Studies in Basic Fretboard Skills I	2 credits
MUSI 1033	Directed Studies in Basic Fretboard Skills II	3 credits
MUSI 1041	Certificate Guitar Chamber Ensemble I	2 credits
MUSI 1051	Certificate Guitar Chamber Ensemble II	2 credits
MUSI 1052	Certificate Piano Chamber Ensemble II	2 credits
MUSI 1053	Certificate Percussion Chamber Ensemble II	2 credits
MUSI 1054	Certificate Woodwind Chamber Ensemble II	2 credits
MUSI 1055	Certificate Brass Chamber Ensemble II	2 credits
MUSI 1056	Certificate Vocal Ensemble II: Jass and Madrigal	2 credits
MUSI 1057	Certificate Jazz Band II	2 credits
MUSI 1058	Certificate Jazz Combo II	2 credits
MUSI 1059	Certificate String Chamber Ensemble II	2 credits
MUSI 1102	Music and Computers	2 credits

MUSI 1112	Introduction to the Music Industry	2 credits
MUSI 1202	The Business of Music	2 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Music**.

## Music: Diploma

Faculty of Humanities	
kwantlen.ca/humanities	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Langley	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Diplomas in Music are two-year, four-semester programs totaling 60–74 credits. Each concentration is designed to help students develop their abilities in both academic and applied studies. All students receive four semesters of private instruction on their chosen instrument and participate in a large ensemble each semester. The core curriculum is augmented by electives chosen by the student in consultation with a faculty advisor.

The facilities at the Langley Campus have been designed to accommodate music instruction in orchestral, band, choral, and chamber music, as well as solo performance.

Intake occurs once a year in September for full-time program students. It is expected that most students will enroll in a full-time program, but part-time participation will be allowed subject to seat availability and the fulfillment of the course prerequisites.

Credit for courses completed at other institutions may be transferred subject to the approval of the music chair. As well, first time registration for some courses may be allowed in January subject to the approval of the music chair and fulfillment of any course prerequisites.

## Diploma Concentrations

There are six concentrations within the Diploma program:

- General Studies
- Comprehensive Studies
- Guitar Performance
- Orchestral Instrument Performance
- Piano Performance
- Vocal Performance

Students apply to the Diploma in Music – General Studies; they may declare their concentration later.

## Transfer to Another Program

Any student planning to transfer to another university, conservatory or other post-secondary institution should be aware that the transfer of credits from Kwantlen is at the discretion of the receiving institution. Students should consult with the appropriate university, conservatory or other post-secondary institution regarding transferability of courses. Students should be aware that some universities do not grant transfer credit for courses that have been challenged at other institutions or

granted credit through Prior Learning Assessment. Kwantlen participates in the BC Music Pre-Major transfer agreement - for more information contact the Music department or visit the BC Council on Admission and Transfer online at [www.bccat.bc.ca](http://www.bccat.bc.ca).

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply.

- Audition/interview\*;
- Successful completion of the Royal Conservatory of Music (RCM) Advanced Rudiments Examination in Theory or equivalent. Students without such certification will need to pass the Kwantlen placement examination in music theory.

### Concentrations

The following additional requirements apply to the appropriate concentration:

- For piano, the minimum entrance standard is Grade 10 RCM or equivalent.
- For all other instruments and voice, minimum entrance standard is Grade 6 RCM or equivalent.

Any student currently enrolled in the Certificate in Music program who wishes to enter the Diploma program must re-apply and successfully complete an audition. Audition and/or interview will determine ensemble placement.

\* **Note:** Auditions are held in April and May; late auditions may be held in August, subject to seat availability.

## CONTENT

### General Studies Concentration

This concentration provides a broad education in music, integrating theoretical, historical, and performance studies while enabling students to master the skills needed for a wide array of professions. The core curriculum consists of 33 credits that the student supplements with a further 27 credits drawn from music and/or academic electives. Through a careful choice of electives, this concentration can lead to further study in liberal arts, music therapy, music education, business and arts management.

To complete the Diploma in Music with a concentration in General Studies, students must successfully complete:

#### Semester 1

##### All of:

MUSI 1150	Language of Music I	3 credits
MUSI 1151	Aural Musicianship I	2 credits
MUSI 1153	History of Music I: Antiquity to 1600	3 credits
MUSI 1154	Keyboard Skills I	1 credit

##### One of:

MUSI 1157	Major Instrument Concentration – I*	2 credits
MUSI 1165	Major Instrument – Secondary Level 1*	2 credits

##### One of:

MUSI 1167	Kwantlen String Orchestra I	2 credits
MUSI 1168	Kwantlen Wind Ensemble I	2 credits
MUSI 1169	Kwantlen Chorus I	2 credits

#### Semester 2

##### All of :

MUSI 1250	The Language of Music II	3 credits
MUSI 1251	Aural Musicianship II	2 credits
MUSI 1254	Keyboard Skills II	1 credit

##### One of:

MUSI 1257	Major Instrument Concentration – II*	2 credits
MUSI 1265	Major Instrument – Secondary Lev. II*	2 credits

##### One of :

MUSI 1267	Kwantlen String Orchestra II	2 credits
MUSI 1268	Kwantlen Wind Ensemble II	2 credits
MUSI 1269	Kwantlen Chorus II	2 credits

#### Semester 3

##### One of :

MUSI 2357	Major Instrument Concentration – III*	2 credits
MUSI 2365	Major Instrument – Secondary Level III*	2 credits

##### One of:

MUSI 2367	Kwantlen String Orchestra III	2 credits
MUSI 2368	Kwantlen Wind Ensemble III	2 credits
MUSI 2369	Kwantlen Chorus III	2 credits

#### Semester 4

##### One of :

MUSI 2457	Major Instrument Concentration – IV*	2 credits
MUSI 2465	Major Instrument – Secondary Level IV*	2 credits

##### One of :

MUSI 2467	Kwantlen String Orchestra IV	2 credits
MUSI 2468	Kwantlen Wind Ensemble IV	2 credits
MUSI 2469	Kwantlen Chorus IV	2 credits

**To complete the core curriculum, students must take one of the following:**

MUSI 1253	History of Music I	3 credits
MUSI 2353	History of Music II	3 credits
MUSI 2453	History of Music III	3 credits



\* **Note:** Depending on the student's performance level, study on the principal instrument will be either as a Major Instrument Concentration or Major Instrument – Secondary level.

## ELECTIVES

The remaining 27 credits may be taken from any other diploma-level music courses (MUSI 1133 and higher), MUSI 1102 – Music and Computers, MUSI 1202 – The Business of Music, MUSI \*\*71–79 – Chamber Ensembles, and/or any academic courses offered at Kwantlen.

Students in this concentration can gain entry to the third year of the BBA Degree program if they take the BBA Bridging Courses as their electives. See the BBA degrees for more information.

## Comprehensive Studies Concentration

This concentration provides a solid foundation in the academic, theoretical, and practical areas of music. The 68-credit curriculum includes all courses necessary for continuation into a Bachelor of Music degree program. Graduates can go on to further studies in the fields of music theory, composition, history, education or the arts in general.

To complete the Diploma in Music with a concentration in Comprehensive Studies, students must successfully complete:

### Semester 1

#### All of:

MUSI 1150	The Language of Music I	3 credits
MUSI 1151	Aural Musicianship I	2 credits
MUSI 1153	History of Music I: Antiquity to 1600	3 credits
MUSI 1157	Major Instrument Concentration - I	2 credits

A non-music elective

An English course, numbered 1100 or higher

#### One of:

MUSI 1154	Keyboard Skills I	1 credit
MUSI 1155	Secondary Instrument - I*	1 credit

#### One of:

MUSI 1167	Kwantlen String Orchestra I	2 credits
MUSI 1168	Kwantlen Wind Ensemble I	2 credits
MUSI 1169	Kwantlen Chorus I	2 credits

### Semester 2

#### All of:

MUSI 1250	The Language of Music II	3 credits
MUSI 1251	Aural Musicianship II	2 credits
MUSI 1253	History of Music I	3 credits
MUSI 1257	Major Instrument Concentration - II	2 credits

A non-music elective

An English course, numbered 1100 or higher

#### One of:

MUSI 1254	Keyboard Skills II	1 credit
MUSI 1255	Secondary Instrument - II*	1 credit

#### One of:

MUSI 1267	Kwantlen String Orchestra II	2 credits
MUSI 1268	Kwantlen Wind Ensemble II	2 credits
MUSI 1269	Kwantlen Chorus II	2 credits

### Semester 3

#### All of:

MUSI 2350	The Language of Music III	3 credits
MUSI 2351	Aural Musicianship III	2 credits
MUSI 2353	History of Music II	3 credits
MUSI 2357	Major Instrument Concentration - III	2 credits

Two non-music electives, totaling 6 credits

#### One of:

MUSI 2354	Keyboard Skills III	1 credit
MUSI 2355	Secondary Instrument*	1 credit

#### One of:

MUSI 2367	Kwantlen String Orchestra III	2 credits
MUSI 2368	Kwantlen Wind Ensemble III	2 credits
MUSI 2369	Kwantlen Chorus III	2 credits

### Semester 4

#### All of:

MUSI 2450	The Language of Music IV	3 credits
MUSI 2451	Aural Musicianship IV	2 credits
MUSI 2453	History of Music III	3 credits
MUSI 2457	Major Instrument Concentration- IV	2 credits

Two non-music electives, totaling 6 credits

#### One of:

MUSI 2454	Keyboard Skills IV	1 credit
MUSI 2455	Secondary Instrument - IV *	1 credit

#### One of:

MUSI 2467	Kwantlen String Orchestra IV	2 credits
MUSI 2468	Kwantlen Wind Ensemble IV	2 credits
MUSI 2469	Kwantlen Chorus IV	2 credits

\***Note:** Upon graduation from the Diploma-Comprehensive Studies, all students must be able to demonstrate piano proficiency (including repertoire, sight reading, score reading) and knowledge of keyboard harmony skills equivalent to MUSI 2454. Enrolling in MUSI 1154-2454 Class Piano normally fulfills this. A

student may choose to demonstrate proficiency in the required material at the beginning of each semester and, if successful, may be given permission to enrol in MUSI 1155-2455 Secondary Instrument.

## Guitar Performance Concentration

The guitar performance concentration is designed for musically and technically advanced students who plan to enter the field of performance. Graduates may continue to complete a Bachelor of Music degree and pursue graduate study. They may enter careers in public performance and teaching (university, conservatory, or private studio). Eligibility for the performance program is determined by audition.

To complete the Diploma in Music with a concentration in Guitar Performance, students must successfully complete:

### Semester 1

#### All of:

MUSI 1150	The Language of Music I	3 credits
MUSI 1151	Aural Musicianship I	2 credits
MUSI 1153	History of Music I: Antiquity to 1600	3 credits
MUSI 1156	Major Instrument Applied -I	3 credits
MUSI 1171	Guitar Chamber Ensemble I	2 credits

An English course, numbered 1100 or higher

#### One of:

MUSI 1154	Keyboard Skills I	2 credits
MUSI 1155	Secondary Instrument - I*	2 credits

#### One of:

MUSI 1167	Kwantlen String Orchestra I	2 credits
MUSI 1168	Kwantlen Wind Ensemble I	2 credits
MUSI 1169	Kwantlen Chorus I	2 credits

### Semester 2

#### All of:

MUSI 1250	The Language of Music II	3 credits
MUSI 1251	Aural Musicianship II	2 credits
MUSI 1253	History of Music I	3 credits
MUSI 1256	Major Instrument Applied - II	3 credits
MUSI 1271	Guitar Chamber Ensemble II	2 credits

An English course, numbered 1100 or higher

#### One of:

MUSI 1254	Keyboard Skills II (Title change: Jan. 2005)	1 credits
MUSI 1255	Secondary Instrument - II*	1 credits

#### One of:

MUSI 1267	Kwantlen String Orchestra II	2 credits
MUSI 1268	Kwantlen Wind Ensemble II	2 credits
MUSI 1269	Kwantlen Chorus II	2 credits

### Semester 3

#### All of:

MUSI 2350	The Language of Music III	3 credits
MUSI 2351	Aural Musicianship III	2 credits
MUSI 2353	History of Music II	3 credits
MUSI 2356	Major Instrument Applied - III	3 credits
MUSI 2371	Guitar Chamber Ensemble III	2 credits

One non-music elective, totaling 3 credits

#### One of:

MUSI 2354	Keyboard Skills III	1 credits
MUSI 2355	Secondary Instrument*	1 credits

#### One of:

MUSI 2367	Kwantlen String Orchestra III	2 credits
MUSI 2368	Kwantlen Wind Ensemble III	2 credits
MUSI 2369	Kwantlen Chorus III	2 credits

### Semester 4

#### All of:

MUSI 2450	The Language of Music IV	3 credits
MUSI 2451	Aural Musicianship IV	2 credits
MUSI 2453	History of Music III	3 credits
MUSI 2456	Major Instrument Applied - IV	3 credits
MUSI 2471	Guitar Chamber Ensemble IV	2 credits

One non-music elective, totaling 3 credits

#### One of:

MUSI 2454	Keyboard Skills IV (Title change: Jan. 2005)	1 credits
MUSI 2455	Secondary Instrument - IV*	1 credits

#### One of:

MUSI 2467	Kwantlen String Orchestra IV	2 credits
MUSI 2468	Kwantlen Wind Ensemble IV	2 credits
MUSI 2469	Kwantlen Chorus IV	2 credits

### Music Electives:

MUSI 1133	Fretboard Studies III	2 credits
MUSI 1233	Fretboard Studies IV	2 credits

\* **Note:** Upon graduation from the Guitar Performance concentration, all students must be able to demonstrate piano proficiency (including repertoire, sight reading, score reading) and knowledge of keyboard harmony skills equivalent to MUSI 2454. Enrolling in MUSI 1154-2454 Class Piano normally fulfills this. A student may choose to demonstrate proficiency in the required material at the beginning of each semester and, if successful, may be given permission to enrol in MUSI 1155-2455 Secondary Instrument.

## Orchestral Instrument Performance Concentration

The orchestral instrument performance concentration is designed for musically and technically advanced students who plan to enter

the field of performance. Graduates may continue to complete a Bachelor of Music degree and pursue graduate study. They may enter careers in public performance and teaching (university, conservatory, or private studio). Eligibility for the performance program is determined by audition.

To complete the Diploma in Music with a concentration in Orchestral Instrument Performance, students must successfully complete:

### Semester 1

#### All of:

MUSI 1150	The Language of Music I	3 credits
MUSI 1151	Aural Musicianship I	2 credits
MUSI 1153	History of Music I: Antiquity to 1600	3 credits
MUSI 1156	Major Instrument Applied	3 credits

#### One of:

MUSI 1173	Percussion Ensemble I	2 credits
MUSI 1174	Woodwind Ensemble I	2 credits
MUSI 1175	Brass Ensemble I	2 credits
MUSI 1179	String Chamber Ensemble I	2 credits

An English course, numbered 1100 or higher

#### One of:

MUSI 1154	Keyboard Skills I	1 credits
MUSI 1155	Secondary Instrument – I*	1 credits

#### One of:

MUSI 1167	Kwantlen String Orchestra I	2 credits
MUSI 1168	Kwantlen Wind Ensemble I	2 credits

### Semester 2

#### All of:

MUSI 1250	The Language of Music II	3 credits
MUSI 1251	Aural Musicianship II	2 credits
MUSI 1253	History of Music I	3 credits
MUSI 1256	Major Instrument Applied – II	3 credits

#### One of:

MUSI 1273	Percussion Ensemble II	2 credits
MUSI 1274	Woodwind Ensemble II	2 credits
MUSI 1275	Brass Ensemble II	2 credits
MUSI 1279	String Chmbr Ensemble II	2 credits

An English course, numbered 1100 or higher

#### One of:

MUSI 1254	Keyboard Skills II	1 credits
MUSI 1255	Secondary Instrument – II*	1 credits

#### One of:

MUSI 1267	Kwantlen String Orchestra II	2 credits
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MUSI 1268	Kwantlen Wind Ensemble II	2 credits
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### Semester 3

#### All of:

MUSI 2350	The Language of Music III	3 credits
MUSI 2351	Aural Musicianship III	2 credits
MUSI 2353	History of Music II	3 credits
MUSI 2356	Major Instrument Applied – III	3 credits

#### One of:

MUSI 2373	Percussion Ensemble III	2 credits
MUSI 2374	Woodwind Ensemble III	2 credits
MUSI 2375	Brass Ensemble III	2 credits
MUSI 2379	String Chmbr Ensembl III	2 credits

One non-music elective, totaling 3 credits

#### One of:

MUSI 2354	Keyboard Skills III	1 credits
MUSI 2355	Secondary Instrument III*	1 credits

#### One of:

MUSI 2367	Kwantlen String Orchestra III	2 credits
MUSI 2368	Kwantlen Wind Ensemble III	2 credits

### Semester 4

#### All of:

MUSI 2450	The Language of Music IV	3 credits
MUSI 2451	Aural Musicianship IV	2 credits
MUSI 2453	History of Music III	3 credits
MUSI 2456	Major Instrument Applied – IV	3 credits

#### One of:

MUSI 2473	Percussion Ensemble IV	2 credits
MUSI 2474	Woodwind Ensemble IV	2 credits
MUSI 2475	Brass Ensemble IV	2 credits
MUSI 2479	String Chmbr Ensemble IV	2 credits

One non-music elective, totaling 3 credits

#### One of:

MUSI 2454	Keyboard Skills IV	1 credits
MUSI 2455	Secondary Instrument – IV*	1 credits

#### One of:

MUSI 2467	Kwantlen String Orchestra IV	2 credits
MUSI 2468	Kwantlen Wind Ensemble IV	2 credits

**\* Note:** Upon graduation from the Orchestral Instrument Performance concentration, all students must be able to demonstrate piano proficiency (including repertoire, sight reading, score reading) and knowledge of keyboard harmony skills equivalent to MUSI 2454. Enrolling in MUSI 1154-2454 Class Piano normally fulfills this. A student may choose to demonstrate

proficiency in the required material at the beginning of each semester and, if successful, may be given permission to enrol in MUSI 1155-2455 Secondary Instrument.

## Piano Performance Concentration

The performance concentration is designed for musically and technically advanced students who plan to enter the field of performance. Graduates may continue to complete a Bachelor of Music degree and pursue graduate study. They may enter careers in public performance and teaching (university, conservatory, or private studio). Eligibility for the performance program is determined by audition.

To complete the Diploma in Music with a concentration in Piano Performance, students must successfully complete:

### Semester 1

#### All of :

MUSI 1150	The Language of Music I	3 credits
MUSI 1151	Aural Musicianship I	2 credits
MUSI 1153	History of Music I: Antiquity to 1600	3 credits
MUSI 1156	Major Instrument Applied	3 credits
MUSI 1158	Piano Repertoire I: The Baroque Period	2 credits
MUSI 1172	Piano Chamber Ensemble I	2 credits

An English course, numbered 1100 or higher

#### One of :

MUSI 1167	Kwantlen String Orchestra I	2 credits
MUSI 1168	Kwantlen Wind Ensemble I	2 credits
MUSI 1169	Kwantlen Chorus I	2 credits

### Semester 2

#### All of :

MUSI 1250	The Language of Music II	3 credits
MUSI 1251	Aural Musicianship II	2 credits
MUSI 1253	History of Music I	3 credits
MUSI 1256	Major Instrument Applied - II	3 credits
MUSI 1258	Piano Repertoire II: The Classical Period	2 credits
MUSI 1272	Piano Chamber Ensemble II	2 credits

An English course, numbered 1100 or higher

#### One of :

MUSI 1267	Kwantlen String Orchestra II	2 credits
MUSI 1268	Kwantlen Wind Ensemble II	2 credits
MUSI 1269	Kwantlen Chorus II	2 credits

### Semester 3

#### All of :

MUSI 2350	The Language of Music III	3 credits
MUSI 2351	Aural Musicianship III	2 credits

MUSI 2353	History of Music II	3 credits
MUSI 2356	Major Instrument Applied - III	3 credits
MUSI 2358	Piano Repertoire III: The Romantic Period	2 credits
MUSI 2372	Piano Chamber Ensemble III	2 credits
One non-music elective, totaling 3 credits		

#### One of :

MUSI 2367	Kwantlen String Orchestra III	2 credits
MUSI 2368	Kwantlen Wind Ensemble III	2 credits
MUSI 2369	Kwantlen Chorus III	2 credits

### Semester 4

#### All of :

MUSI 2450	The Language of Music IV	3 credits
MUSI 2451	Aural Musicianship IV	2 credits
MUSI 2453	History of Music III	3 credits
MUSI 2456	Major Instrument Applied - IV	3 credits
MUSI 2458	Piano Repertoire IV: The Twentieth Century	2 credits
MUSI 2472	Piano Chamber Ensemble IV	2 credits

One non-music elective, totaling 3 credits

#### One of :

MUSI 2467	Kwantlen String Orchestra IV	2 credits
MUSI 2468	Kwantlen Wind Ensemble IV	2 credits
MUSI 2469	Kwantlen Chorus IV	2 credits

## Vocal Performance Concentration

The performance concentration is designed for musically and technically advanced students who plan to enter the field of performance. Graduates may continue to complete a Bachelor of Music degree and pursue graduate study. They may enter careers in public performance and teaching (university, conservatory, or private studio). Eligibility for the performance program is determined by audition.

To complete the Diploma in Music with a concentration in Vocal Performance, students must successfully complete:

### Semester 1

#### All of :

MUSI 1150	The Language of Music I	3 credits
MUSI 1151	Aural Musicianship I	2 credits
MUSI 1153	History of Music I: Antiquity to 1600	3 credits
MUSI 1156	Major Instrument Applied	3 credits
MUSI 1169	Kwantlen Chorus I	2 credits

An English course, numbered 1100 or higher

A German language course

**One of:**

MUSI 1154 Keyboard Skills I 1 credits

MUSI 1155 Secondary Instrument - I\* 1 credits

**Semester 2**

**All of:**

MUSI 1250 The Language of Music II 3 credits

MUSI 1251 Aural Musicianship II 2 credits

MUSI 1253 History of Music I 3 credits

MUSI 1256 Major Instrument Applied - II 3 credits

MUSI 1269 Kwantlen Chorus II 2 credits

An English course, numbered 1100 or higher

A German language course

**One of:**

MUSI 1254 Keyboard Skills II 1 credits

MUSI 1255 Secondary Instrument - II\* 1 credits

**Semester 3**

**All of:**

MUSI 2350 The Language of Music III 3 credits

MUSI 2351 Aural Musicianship III 2 credits

MUSI 2353 History of Music II 3 credits

MUSI 2356 Major Instrument Applied - III 3 credits

MUSI 2359 Lyric Diction I 1 credits

MUSI 2369 Kwantlen Chorus III 2 credits

One non-music elective, totaling 3 credits

**One of:**

MUSI 2354 Keyboard Skills III 1 credits

MUSI 2355 Secondary Instrument - III\* 1 credits

**Semester 4**

**All of:**

MUSI 2450 The Language of Music IV 3 credits

MUSI 2451 Aural Musicianship IV 2 credits

MUSI 2453 History of Music III 3 credits

MUSI 2456 Major Instrument Applied - IV 3 credits

MUSI 2459 Lyric Diction II 1 credits

MUSI 2469 Kwantlen Chorus IV 2 credits

One non-music elective, totaling 3 credits

**One of:**

MUSI 2454 Keyboard Skills IV 1 credits

MUSI 2455 Secondary Instrument - IV\* 1 credits

**\* Note:** Upon graduation from the Vocal Performance concentration, all students must be able to demonstrate piano proficiency (including repertoire, sight reading, score reading) and knowledge of keyboard harmony skills equivalent to MUSI 2454. Enrolling in MUSI 1154-2454 Class Piano normally fulfills this. A student may choose to demonstrate proficiency in the required material at the beginning of each semester and, if successful, may be given permission to enrol in MUSI 1155-2455 Secondary Instrument.

## OTHER INFORMATION

### Private Lessons

Students may major in one of the following: piano, voice, strings, woodwinds, brass, guitar, or percussion. Private lessons are generally available only to students enrolled full time in the Certificate in Music or the Diploma in Music programs.

### Secondary Lessons

Students may be eligible for secondary lessons only if they have successfully met all Keyboard Skills requirements (covered in MUSI 1154, 1254, 2354, 2454).

### Private Lesson and Chamber Ensemble Policies and Fees

To be eligible for private lessons, a student must demonstrate commitment to the Music Program by enrolling in a minimum of 9 credits per semester—excluding the lessons themselves. Part-time Music students must consult with the music chair regarding their private instruction options.

Like other post-secondary music programs, Kwantlen charges a private lesson fee in addition to tuition. This is a separate fee, rather than a hidden cost. It is calculated according to the length of the lesson, as follows:

- ½ hour – \$75/semester
- 1 hour – \$125/semester
- 1½ hours – \$175/semester

To offset the cost of the unique chamber ensemble component of the Kwantlen Music Program, a nominal user fee (\$100) is added to the cost of tuition for each chamber ensemble that a student elects or is required to take.

## GRADUATION

Upon successful completion of their concentration, students are eligible to receive a **Diploma in Music**.

# Philosophy: Associate of Arts Degree

<b>Faculty of Humanities</b>	
kwantlen.ca/humanities	
<b>IMPLEMENTATION DATE</b>	<b>START DATE(S)</b>
01-Sep-2011	September January May
<b>ADMISSION TYPE</b>	<b>ENROLMENT TYPE</b>
Open admission	Open access
<b>PROGRAM TYPE</b>	<b>CREDENTIAL GRANTED</b>
Undergraduate	Associate Degree
<b>OFFERED AT</b>	<b>FORMAT</b>
Langley Richmond Surrey	Full-time Part-time
<b>HOW TO APPLY</b>	
www.kwantlen.ca/admission	

## DESCRIPTION

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of Philosophy.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Arts degree, you must complete at least 60 credits with a minimum grade of C or higher (in each course), including the following:

### All of:

PHIL 1100	Introduction to Philosophy	3 credits
PHIL 1110	Confronting Moral Issues: Introduction to Ethics	3 credits
PHIL 1150	Introduction to Formal Logic	3 credits

### Any two second-year Philosophy courses

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Arts Degree in Philosophy**.

# Philosophy: Bachelor of Arts Honours, Major, and Minor

<b>Faculty of Humanities</b>	
kwantlen.ca/humanities	
<b>Philosophy</b>	
kwantlen.ca/humanities/philosophy	
<b>IMPLEMENTATION DATE</b>	<b>START DATE(S)</b>
01-Sep-2011	September January
<b>ADMISSION TYPE</b>	<b>ENROLMENT TYPE</b>
Selective entry	Open access
<b>PROGRAM TYPE</b>	<b>CREDENTIAL GRANTED</b>
Undergraduate	Baccalaureate Degree
<b>OFFERED AT</b>	<b>FORMAT</b>
Richmond Surrey	Full-time Part-time
<b>HOW TO APPLY</b>	
www.kwantlen.ca/admission	

## DESCRIPTION

The philosophy major at Kwantlen Polytechnic University provides students a broad-based, general education in the principal areas of Western Philosophy as well as a number of distinctive learning opportunities. Philosophy majors will gain a solid foundation in the discipline by completing courses in Formal Logic, Epistemology, Metaphysics, Ethics, Ancient Philosophy, and History of Modern Philosophy. Throughout, learners will benefit from the expertise and the commitment to teaching excellence of our faculty, as well as from the small class sizes that characterize undergraduate study at Kwantlen. Third- and fourth-year students will have the option to take small seminar-sized courses in Special Topics in Philosophy; to pursue an Applied Ethics Stream by taking specially designed courses in Business, Environmental, and Biomedical Ethics; to participate in a Practicum course where research and work skills are enhanced; and to apply to a selective sequence of Honours courses with a focus on researching and writing a significant piece of undergraduate scholarship – a graduating thesis. In the end, philosophy majors at Kwantlen will experience a learning environment that is supportive and challenging, that prepares students for graduate work in philosophy, and that develops the critical reasoning, writing and problem-solving skills required for successful careers, effective citizenship and community leadership.

The Bachelor of Arts Minor in Philosophy provides students the opportunity to build a sturdy educational foundation in one of the core areas of the Humanities. The program, designed to acquaint participants with the major areas of philosophy, is also expressly set up to satisfy a variety of additional pedagogical and intellectual objectives, chief among these being the development of critical reasoning and writing skills, both in general and with regard to specialized research in the discipline, and the inculcation and honing of the capacity to think independently. At the 2000-level, three core courses in Philosophy are obligatory: Moral Theory (the study of the nature of right and wrong), Metaphysics (the study of the nature of reality), and Epistemology (the study of the nature and limits of knowledge). Students also elect a number of second year offerings intended to expose them to other areas of philosophical investigation. Completing the Minor

requires successful participation in a minimum of five courses at the 3000 and/or 4000 level. The range and sequence ensures both depth and breadth of knowledge, and the mix of required courses and electives enables students to progress along lines that answer to their particular interests. Smaller in size than introductory and intermediate ones, courses at the upper levels provide an especially suitable environment of close supervision and lots of give-and-take, for the productive and enjoyable pursuit of philosophical knowledge.

## CAREER OPPORTUNITIES

A student's first thought may be that a philosophy major is not practical. But, upon reflection, it must be admitted that many, perhaps most, majors do not directly prepare students for a job. Given this, in assessing the practicality of any major, it may be better for students to ask themselves two questions. First, does the content of my courses interest me, make me want to learn more, and motivate me to do well in my coursework? If you love philosophy, that is one good reason to major in it, for we tend to perform at our best when we enjoy what we are doing. Second, what transferable skills will you be learning? A second good reason to major in philosophy is that philosophy students develop critical thinking skills that are transferable to a wide range of careers and professions. Because philosophy is not just a matter of learning about philosophical views but learning how to do philosophy, philosophy students learn how to structure arguments, to write precisely and clearly, and to communicate their ideas in an orderly, persuasive, and unambiguous way. They also learn how to raise critical questions, and to formulate reasonable strategies for addressing complex problems. Many philosophical texts are quite challenging, and philosophy courses teach students how to read, comprehend, and summarize conceptually difficult material. In short, studying philosophy trains one to be a better, clearer thinker. Here is a list of just some of the things philosophy majors are good at:

- Summarizing complex information
- Evaluating opposing views
- Clear, focused writing
- Persuasive reasoning, both written and oral
- Logically organizing information
- Identifying and evaluating basic assumptions
- Offering and accepting criticism without personalizing it
- Tolerating uncertainty
- Developing creative, principled solutions to complex problems
- Determining the morally relevant features of situations, actions, and policies

Thus, perhaps more than any other discipline, a major in philosophy teaches students how to think well, and this is something all employers seek. Indeed, it is interesting to compare average salaries of philosophy graduates with other majors. Perhaps surprisingly (though perhaps not), a 2008 survey of incomes found that by mid-career, philosophy graduates earn, on average, more than any other humanities graduates.

Some students choose to pursue postgraduate studies after finishing their Bachelors degree, whether in philosophy, law, business, science or other areas. Students thinking about going on to postgraduate work should also know that philosophy majors consistently score the highest average among all majors on both the Verbal and Analytical Writing parts of the GRE, an entrance exam that universities frequently use to measure preparedness for postgraduate work. Moreover, for many years, philosophy students have consistently scored better than any other majors

(except economics and mathematics) on entrance exams for business school and for law school.

If you enjoy studying philosophy, then you should seriously consider majoring in it, as you will enjoy learning for its own sake while developing the transferable skills needed for success in contemporary society.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

### Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

### Honours Admission:

Students with a record of exceptional academic performance may apply to enter the Philosophy Major, or Philosophy Major Applied Ethics Stream, Honours Program. Applicants must meet the following requirements:

- at least 60 credits of university-level coursework with a minimum cumulative GPA of 3.0
- at least 24 of the 60 credits must be university-level philosophy coursework with a minimum cumulative GPA of 3.67.

The above are minimum requirements that do not guarantee entrance into the Honours Program. In exceptional situations, the department may consider applications from students who do not meet the minimum requirements, if mitigating circumstances exist. Such applications will be reviewed on a case-by-case basis.

### Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying

courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## CONTENT

Students pursuing a Bachelor of Arts degree must complete all requirements in the Bachelor of Arts framework in addition to their major or minor program requirements.

### Philosophy Honours

The following are the requirements for the Philosophy Honours program.

In addition to the requirements of the Major in Philosophy, or the Major in Philosophy Applied Ethics Stream, students enrolled in the Honours Program must successfully complete two honours courses. The purpose of these courses is to lead to the production of an undergraduate thesis – a major research accomplishment.

**Students choosing the Honours degree, must take the following in lieu of 2 electives:**

PHIL 3900	Honours Research and Thesis I	3 credits
PHIL 4900	Honours Research and Thesis II	3 credits

### Philosophy Major

Requirements for the major in philosophy include the successful completion of a minimum of 48 credits in philosophy, of which at least 18 credits are at the 3rd year level, and at least 6 credits are at the 4th year level.

As part of the 48 credits in philosophy, majors must complete the following:

**Logic Requirement - at least 3 credits:**

PHIL 1150	Introduction to Formal Logic	3 credits
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**History of Philosophy Requirement - at least 9 credits:**

PHIL 2106	Ancient Greek Philosophy	3 credits
PHIL 2107	Modern Philosophy: Descartes to Kant	3 credits

3 further credits at the 3rd year or higher in the History of Philosophy (see list of courses by area below)

**Metaphysics and Epistemology Requirement - at least 9 credits:**

PHIL 2210	Epistemology	3 credits
PHIL 2215	Metaphysics	3 credits

3 further credits at the 3rd year or higher in Metaphysics or Epistemology (see list of courses by area below)

**Ethics Requirement - at least 9 credits:**

PHIL 2110	Moral Theory	3 credits
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**One of the following:**

PHIL 3109	Foundations in Ethics	3 credits
PHIL 3119	Contemporary Moral Theory	3 credits
PHIL 4110	Topics in Ethics	3 credits

3 further credits at the 3rd year or higher in Value Theory (see list of courses by area below)

### APPLIED ETHICS STREAM

**Besides the requirements for the philosophy major, students must complete at least 9 additional credits in Applied Ethics from the following:**

PHIL 3118	Ethics and Public Policy	3 credits
PHIL 3510	Confronting Moral Issues: Bio-medical Ethics	3 credits
PHIL 3512	Confronting Moral Issues: The Natural Environment	3 credits
PHIL 3533	Confronting Moral Issues: Business Ethics	3 credits

### Philosophy Minor

Students are required to complete a minimum of 30 PHIL credits to Minor in Philosophy. Students take at least 15 PHIL credits (5 courses) at the first or second year level which must include PHIL 2210 and PHIL 2215. Choose from the following list:

**Students must complete at least 15 PHIL credits (5 courses) at the first or second year level which must include PHIL 2210 and PHIL 2215. Choose from the following list:**

#### 1000 Level

PHIL 1100	Introduction to Philosophy	3 credits
PHIL 1101	Analytical Approaches to Western Humanism	3 credits
PHIL 1106	Introduction to Ancient and Medieval Philosophy	3 credits
PHIL 1110	Confronting Moral Issues: Introduction to Ethics	3 credits
PHIL 1111	Sustainability and Ethical Analysis	3 credits
PHIL 1112	Environmental Philosophy	3 credits
PHIL 1145	Critical Thinking	3 credits



PHIL 1150	Introduction to Formal Logic	3 credits
PHIL 1155	Introduction to Scientific Reasoning	3 credits
<b>2000 Level</b>		
PHIL 2106	Ancient Greek Philosophy	3 credits
PHIL 2107	Modern Philosophy: Descartes to Kant	3 credits
PHIL 2110	Moral Theory	3 credits
PHIL 2115	Asian Philosophy	3 credits
PHIL 2117	Social and Political Philosophy	3 credits
PHIL 2120	Philosophy of Religion	3 credits
PHIL 2150	Philosophical Paradoxes, Puzzles and Enigmas	3 credits
PHIL 2210	Epistemology	3 credits
PHIL 2215	Metaphysics	3 credits

**Students must complete a minimum of 15 credits (5 courses) of 3000 and 4000 level PHIL courses. Any combination of courses from the list below will satisfy the Bachelor of Arts Minor in Philosophy program requirements.**

#### **3000 Level**

PHIL 3033	Business Ethics	3 credits
PHIL 3040	Philosophy of Art	3 credits
PHIL 3100	Great Philosophers of the 20th Century	3 credits
PHIL 3101	20th Century Analytic Philosophy	3 credits
PHIL 3105	Life and Death	3 credits
PHIL 3109	Foundations of Ethics	3 credits
PHIL 3110	The Possibility of Knowledge	3 credits
PHIL 3118	Ethics and Public Policy	3 credits
PHIL 3119	Contemporary Moral Theory	3 credits
PHIL 3120	Free Will and Determinism	3 credits
PHIL 3150	Advanced Formal logic	3 credits
PHIL 3220	Empiricism	3 credits
PHIL 3225	Rationalism	3 credits
PHIL 3320	Personal Identity	3 credits
PHIL 3425	Language and Meaning	3 credits
PHIL 3430	Philosophy of Mind: Consciousness	3 credits
PHIL 3533	Confronting Moral Issues: The Natural Environment	3 credits

#### **4000 Level**

PHIL 4040	Topics in the Philosophy of Art	3 credits
PHIL 4110	Topics in Ethics Theory	3 credits

PHIL 4117	Topics in Social and Political Philosophy	3 credits
PHIL 4120	Topics in the Philosophy of Religion	3 credits
PHIL 4210	Topics in Epistemology	3 credits
PHIL 4215	Topics in Metaphysics	3 credits
PHIL 4430	Topics in Philosophy of Mind	3 credits

**Note:** Certain pre-requisites must be met in order to gain admission to 3000 and 4000 level PHIL courses.

## **OTHER INFORMATION**

### **Philosophy Courses by Area**

A course appearing in boldface type signals that the course is required for the major. No single course can count for more than one area. Students may take the same 4th year Topics course twice for different credit if and only if the content differs significantly. Students who wish to take the same 4th year Topics course more than once must obtain the permission of the Chair of the Philosophy Department.

#### **Logic**

PHIL 1145	Critical Thinking	3 credits
PHIL 1150	Introduction to Formal Logic	3 credits
PHIL 1155	Introduction to Scientific Reasoning	3 credits
PHIL 3150	Advanced Formal Logic	3 credits

#### **History of Philosophy**

PHIL 1106	Introduction to Ancient and Medieval Philosophy	3 credits
PHIL 2106	Ancient Greek Philosophy	3 credits
PHIL 2107	Modern Philosophy: Descartes to Kant	3 credits
PHIL 2115	Asian Philosophy	3 credits
PHIL 2150	Philosophical Paradoxes, Puzzles and Enigmas	3 credits
PHIL 3100	Great Philosophers of the Twentieth Century	3 credits
PHIL 3101	Twentieth Century Analytic Philosophy	3 credits
PHIL 3220	Empiricism	3 credits
PHIL 3225	Rationalism	3 credits

#### **Metaphysics and Epistemology**

PHIL 2120	Philosophy of Religion	3 credits
PHIL 2150	Philosophical Paradoxes, Puzzles and Enigmas	3 credits
PHIL 2210	Epistemology	3 credits
PHIL 2215	Metaphysics	3 credits
PHIL 3100	Great Philosophers of the Twentieth Century	3 credits
PHIL 3101	Twentieth Century Analytic Philosophy	3 credits

PHIL 3105	Life and Death	3 credits
PHIL 3110	The Possibility of Knowledge	3 credits
PHIL 3120	Free Will and Determinism	3 credits
PHIL 3220	Empiricism	3 credits
PHIL 3225	Rationalism	3 credits
PHIL 3320	Personal Identity	3 credits
PHIL 3425	Language and Meaning	3 credits
PHIL 3430	Philosophy of Mind: Consciousness	3 credits
PHIL 4120	Topics in the Philosophy of Religion	3 credits
PHIL 4210	Topics in Epistemology	3 credits
PHIL 4215	Topics in Metaphysics	3 credits
PHIL 4430	Topics in Philosophy of Mind	3 credits

### Ethics and Value Theory

PHIL 1110	Confronting Moral Issues: Introduction to Ethics	3 credits
PHIL 1112	Environmental Ethics	3 credits
PHIL 2110	Moral Theory	3 credits
PHIL 2117	Social and Political Philosophy	3 credits
PHIL 3010	Health Care Ethics (not for majors)	3 credits
PHIL 3033	Business Ethics (not for majors)	3 credits
PHIL 3040	Philosophy of Art	3 credits
PHIL 3105	Life and Death	3 credits
PHIL 3109	Foundations in Ethics	3 credits
PHIL 3118	Ethics and Public Policy	3 credits
PHIL 3119	Contemporary Moral Theory	3 credits
PHIL 3510	Confronting Moral Issues: Bio-Medical Ethics	3 credits
PHIL 3512	Confronting Moral Issues: the Natural Environment	3 credits
PHIL 3533	Confronting Moral Issues in Business	3 credits
PHIL 4040	Topics in the Philosophy of Art	3 credits
PHIL 4110	Topics in Ethics	3 credits
PHIL 4117	Topics in Social and Political Philosophy	3 credits

### Other

PHIL 1100	Introduction to Philosophy	3 credits
PHIL 1101	Philosophy, Culture and Identity	3 credits
PHIL 1111	Sustainability and Ethical Analysis	3 credits

PHIL 3900	Honours Research and Thesis I	3 credits
PHIL 4900	Honours Research and Thesis II	3 credits
PHIL 4950	Practicum	3 credits

## Sample Pathways for a Philosophy Major

Below is an illustration of how a student might go about completing the requirements for the philosophy major. Remember, this is just one of many possible paths that a student may take to complete the major.

### 48 CREDITS FOR THE PHILOSOPHY MAJOR (16 COURSES)

#### Year 1, Fall

PHIL 1100 + 4 others (others refers to courses not required for the major)

#### Year 1, Spring

PHIL 1150 + 4 others

#### Year 2, Fall

PHIL 2106; 2110; 2210 + 2 others

#### Year 2, Spring

PHIL 2107; 2215 + 3 others

#### Year 3, Fall

3rd year Metaphysics/Epistemology; 3rd year History of Philosophy + 3 others

#### Year 3, Spring

3rd year Value Theory; 3RD year any PHIL + 3 others

#### Year 4, Fall

3RD year any PHIL; 3RD year any PHIL; 4TH year any Topics in PHIL + 2 others

#### Year 4, Spring

3RD year any PHIL; 4TH year any Topics in PHIL + 3 others

### SAMPLE PATHWAY FOR THE MAJOR IN PHILOSOPHY APPLIED ETHICS STREAM (3 MORE COURSES)

Same as the Philosophy Major but add one applied ethics course to year 3, Fall; year 3, Spring; and year 4, Spring.

### SAMPLE PATHWAY FOR THE PHILOSOPHY MAJOR WITH HONOURS (2 MORE COURSES)

Same as the Philosophy Major but add PHIL 3900 to year 3, Spring; and add PHIL 4900 to year 4, Fall.

### SAMPLE PATHWAY FOR THE HONOURS PHILOSOPHY MAJOR APPLIED ETHICS STREAM (5 MORE COURSES)

Same as the Philosophy Major but add an applied ethics course to year 2, Spring; applied ethics course to year 3, Fall; applied ethics course to year 3, Spring; PHIL 3900 to year 3, Spring, and PHIL 4900 to year 4, Fall.

## GRADUATION

Upon successful completion of the honours program, students are eligible to receive a **Bachelor of Arts (Honours), Major in Philosophy**.

Upon successful completion of the major program, students are eligible to receive a **Bachelor of Arts, Major in Philosophy**.

Upon successful completion of the minor program, students are eligible to receive a **Minor in Philosophy** as part of a Bachelor of Arts program.

# Policy Studies: Bachelor of Arts Major in Policy Studies

<b>Faculty of Humanities</b>	
kwantlen.ca/humanities	
<b>Policy Studies</b>	
kwantlen.ca/humanities/policystudies	
<b>IMPLEMENTATION DATE</b>	<b>START DATE(S)</b>
01-Sep-2011	September
<b>ADMISSION TYPE</b>	<b>ENROLMENT TYPE</b>
Selective entry	Open access
<b>PROGRAM TYPE</b>	<b>CREDENTIAL GRANTED</b>
Undergraduate	Baccalaureate Degree
<b>OFFERED AT</b>	<b>FORMAT</b>
Langley Richmond Surrey	Full-time Part-time
<b>HOW TO APPLY</b>	
www.kwantlen.ca/admission	

## DESCRIPTION

The aim of the Bachelor of Arts Policy Studies Major is to create a degree with a strong applied and interdisciplinary focus. Policy analysis identifies goals and values and determines how best to achieve those goals within the context of existing political and economic system while taking into account the competing interests of the various stakeholders. The program draws primarily from Philosophy, Political Science, and Economics, and uses sustainability as a unifying theme. Sustainability at a policy level is understood as the ability to meet present needs without compromising the ability of future generations to meet their needs. Meeting present and future needs requires that policy be environmentally, socially and economically sustainable. As economies and consumers are forced to recognize the limits of our ecosystems and the social justice issues that arise from this, there is a pressing need for effective social policy that recognizes these issues. Therefore, students will learn to evaluate policy to ensure it meets sustainability principles.

## CAREER OPPORTUNITIES

Graduates with a Bachelor of Arts Policy Studies from Kwantlen Polytechnic University will be positioned for future employment with the three levels of government, not for profit and private sector companies and quasi-governmental agencies such as Crown Corporations. Equipped with strong communications, research and critical thinking skills, graduates of this interdisciplinary degree will be prepared for graduate studies in a number of different areas in such positions as policy researcher or sustainability program officer as well as for professional programs such as Law.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

## Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

## Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## CONTENT

Students pursuing a Bachelor of Arts degree must complete all requirements in the Bachelor of Arts Framework in addition to their major or minor program requirements.

## Policy Studies Major

The degree is designed around several integrative or "umbrella" courses and applied seminars. Each of the interdisciplinary courses will present the elements of policy analysis from the perspective of one of the main disciplines. The applied seminars

provide real life situations to which students can apply what they have learned in the umbrella courses. The applied seminars are also designed to foster mentorship of students by professional practitioners. Students will be encouraged to discover the issues that are important to them and their community through academic studies and in the applied courses and projects. They will be given the opportunity to work with local governments and community groups to effect positive change. In addition, library modules have been incorporated into each of these six courses where students will be able to work closely with librarians to learn the research and information literacy skills essential to effective policy studies.

## INTEGRATION LEARNING OUTCOMES:

These are characterized as "umbrella" courses that integrate various discipline perspectives to policy analysis. This is the core of the program and these courses may be taken over four years or in the last two years of the program.

### All of:

POST 1100	Sustainability: Analysis and Ethics	3 credits
POST 3100	Economics of Sustainability Policy	3 credits
POST 3110	Applied Policy Seminar I	3 credits
POST 4110	Applied Policy Seminar II	3 credits

Two additional required courses will be listed in the near future, so please check the department web page in the fall.

## GOVERNANCE LEARNING OUTCOMES:

These provide an understanding of governance, governmental jurisdictions, and the role of stakeholders.

### All of:

BUSI 1215	Organizational Behaviour I	3 credits
POLI 1110	Ideology and Politics	3 credits
POLI 1120	Canadian Government and Politics	3 credits
POLI 4420	Issues in Public Policy and Administration	3 credits

Two governance electives (See below)

## ECONOMIC LEARNING OUTCOMES:

These provide an understanding of economic policy instruments, principles, and links between the economy and social goals

### All of:

ECON 1150	Principles of Microeconomics	3 credits
ECON 1250	Principles of Macroeconomics	3 credits
ECON 2260	Environmental Economics	3 credits

## PHILOSOPHY LEARNING OUTCOMES:

These provide an ability to perform concept analysis, critical thinking, and to be competent in assessing difficult normative issues.

### All of:

PHIL 1112	Environmental Philosophy	3 credits
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PHIL 2117	Social and Political Philosophy	3 credits
PHIL 3118	Ethics and Public Policy	3 credits
PHIL 4117	Topics in Social and Political Philosophy	3 credits

Two critical thinking electives (See below)

### SCIENTIFIC LEARNING OUTCOMES:

These provide basic numeracy, scientific and environmental literacy, and the ability to apply scientific reasoning.

#### All of:

ENVI 1121	Environmental Issues (Q)	3 credits
ENVI 3112	Environment and Society	3 credits
ENVI 3212	The Urban Environment	3 credits
PHIL 1155	Introduction to Scientific Reasoning	3 credits

One Statistics or Methods Courses (See below)

Two scientific literacy courses (See below)

### COMMUNICATIONS LEARNING OUTCOMES:

These provide an ability to communicate clearly and to prepare and present professional reports.

#### All of:

CMNS 3100	Technical Report Writing	3 credits
ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits

One of the approved English 1200 Courses

Two communications electives (See below)

### WORKPLACE READINESS LEARNING OUTCOMES:

These provide acquisition of practical workplace skills.

#### All of:

BUSI 2465	Business Negotiations	3 credits
COOP 1101	Job Search Techniques	3 credits

## Electives

Electives must be selected so as to meet the general Bachelor of Arts requirements and must also include:

#### 1. One methods or statistics courses:

(Below is a suggested list. Other significantly equivalent courses may qualify)

ACCT 1230	Business Statistics	3 credits
CRIM 2103	Quantitative Data Analysis I	3 credits
CRIM 3103	Quantitative Data Analysis II	3 credits
MATH 1115	Statistics I	3 credits
MATH 2315	Probability and Statistics	3 credits
MATH 2335	Statistics for Life Sciences	3 credits
MATH 2341	Introduction to Statistics for Business	3 credits

PSYC 2300	Applied Statistics	3 credits
PSYC 2400	Experimental Psychology: Research Methods	3 credits
PSYC 3300	Applied Statistics II	3 credits

#### 2. Two courses from each of the following four categories:

##### Science literacy electives:

(Below is a suggested list. Other significantly equivalent courses may qualify)

BIOL 1112	Biology Today	3 credits
CHEM 1101	Chemical Sciences Investigation	3 credits
ENVI 2310	Solid Waste Management	3 credits
GEOG 1110	Atmospheric Science	3 credits
HORT 1110	Sustainable Horticulture	3 credits
HORT 1119	Landscape and Environment	3 credits

##### Communications and awareness electives:

(Below is a suggested list. Other significantly equivalent courses may qualify)

CMNS 1140	Communications	3 credits
CRIM 4301	Community Advocacy	3 credits
ENGL 2300	Writing and Research Skills	3 credits
ENGL 3380	Popular Writing	3 credits
JRNL 1100	Explorations in Mass Communications	3 credits
MRKT 1199	Marketing	3 credits

##### Critical thinking and ethics electives:

(Below is a suggested list. Other significantly equivalent courses may qualify)

ANTH 2160	Culture and Environment	3 credits
PHIL 1145	Critical Thinking	3 credits
PHIL 1150	Basic Logic	3 credits
PHIL 3109	Morals	3 credits
POLI 1110	Ideology and Politics	3 credits

##### Governance electives:

(Below is a suggested list. Other significantly equivalent courses may qualify)

BUSI 1215	Organizational Behaviour	3 credits
CRIM 1107	Canadian Legal Systems	3 credits
ECON 2255	Globalization	3 credits
ENTR 3110	Advanced Organizational Behavior	3 credits
ENVI 2405	Environmental Law	3 credits
POLI 1123	Municipal Politics	3 credits
POLI 2235	BC Politics	3 credits
POLI 3145	Borderlands	3 credits
POLI 3160	International Organizations	3 credits
SOCI 3345	Policy in Context	3 credits

# GRADUATION

Upon successful completion of this program, students are eligible to receive a **Bachelor of Arts, Major in Policy Studies**.

# Faculty of Social Sciences

Welcome to the Faculty of Social Sciences.

## DEAN:

**Robert Adamoski, PhD**

Phone: 604.599.2052

Email: robert.adamoski@kwantlen.ca

## BA ADVISING CENTRE

If you have questions regarding programs in the Faculty of Social Sciences, please contact the BA Advising Centre.

Phone: 604.599.3068

Email: baadvisor@kwantlen.ca

For other questions, please see our webpage – [kwantlen.ca/socialsciences](http://kwantlen.ca/socialsciences)

## ARTS DEGREE PROGRAM FRAMEWORKS:

The Bachelor of Arts and Associate of Arts degrees at Kwantlen follow a framework model. General degree requirements are listed in the framework documents and specific requirements are shown in the major, minor, and specialties listed in the Faculty of Humanities and the Faculty of Social Sciences sections.

- Bachelor of Arts framework requirements
- Associate of Arts framework requirements

## GENERAL ARTS PROGRAMS:

In addition to the framework programs, Kwantlen has the following general arts programs:

- Bachelor of Arts Double Minor
- Bachelor of Arts, General Studies
- Bachelor of Arts Qualifying Year
- Associate of Arts Degree in General Studies
- Diploma in Arts
- Diploma in General Studies
- Certificate in Arts

## ARTS REQUIREMENT INFORMATION:

- Quantitative courses

## IN THIS SECTION:

You will find details of the Social Sciences programs:

- About the Faculty of Social Sciences
- Bachelor and Associate of Arts Degree Information
- Anthropology: Bachelor of Arts Major and Minor
- Anthropology: Associate of Arts Degree
- Asian Studies: Bachelor of Arts Major and Minor
- Asian Studies: Associate of Arts Degree

- Canadian Studies: Associate of Arts Degree
- Community Criminal Justice: Bachelor of Arts (also: Honours)
- Criminology: Bachelor of Arts Honours, Major, and Minor
- Criminology: Associate of Arts Degree
- Criminology: Diploma
- Criminology: Certificate
- Geography: Bachelor of Arts Minor
- Geography: Associate of Arts Degree
- History: Bachelor of Arts Major and Minor
- History: Associate of Arts Degree
- Journalism: Bachelor of Journalism (also: Honours)
- Political Science: Bachelor of Arts Minor
- Political Science: Associate of Arts Degree
- Psychology: Bachelor of Applied Arts (also: Honours)
- Psychology: Bachelor of Arts Honours, Major, and Minor
- Psychology: Associate of Arts Degree
- Psychology - Applied: Bachelor of Science (also: Honours)
- Sociology: Bachelor of Arts Major and Minor
- Sociology: Associate of Arts Degree
- Liberal Education Electives for Bachelor of Applied Arts in Psychology

# Anthropology: Associate of Arts Degree

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

ANTH 2142	First Nations Cultures of Canada	3 credits
ANTH 2160	Culture and the Environment	3 credits
ANTH 2163	Culture, Health and Well-Being	3 credits
ANTH 2217	Forensic Methods & Analysis	3 credits
ANTH 2300	Archaeological Methods	3 credits
ANTH 2310	Archaeology of Death	3 credits
ANTH 2320	Archaeology of the Old World	3 credits
ANTH 2340	Archaeology of the New World	3 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Arts Degree in Anthropology**.

## DESCRIPTION

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of Anthropology.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Arts degree, you must complete at least 60 credits with a minimum grade of C in each course including all of the following:

### All of:

ANTH 1100	Social & Cultural Anthropology	3 credits
ANTH 1200	Biological Anthropology	3 credits
ANTH 1300	Archaeology	3 credits

### Two of:

ANTH 1217	Forensic Anthropology	3 credits
ANTH 2100	Methods & Ethics in Anthropology	3 credits
ANTH 2120	Cross-Cultural Women's Studies	3 credits
ANTH 2133	Religion, Magic, and Witchcraft	3 credits
ANTH 2140	First Nations Cultures of BC	3 credits



# Anthropology: Bachelor of Arts Major and Minor

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Anthropology is a broad discipline because its subject matter is the entirety of human diversity. Anthropologists contribute to an understanding of the human condition through interpretations of human biological and cultural variation. Anthropology is often divided into four sub-fields. **Archaeology** examines the past using material remains, including artifacts, skeletal material, and architecture. **Social and cultural anthropology** is concerned with contemporary human societies throughout the world, and their complex inter- and intra-relationships. **Linguistic anthropology\*** examines diversity in language, including historical migrations and relationships between languages. **Biological anthropology** concerns human biological evolution and biological variation, including skeletal and genetic, and the interaction between human biology and our environments.

Kwantlen anthropology students work toward leadership-based careers integrated with local and global communities. Students will cultivate and demonstrate skills in inter- and intra-cultural communication, analysis, and both scientific and humanistic methodology.

The goal of the Bachelor of Arts in Anthropology Program at Kwantlen is to prepare students for life, work, and research in diverse local communities, in a knowledge- and information-based economy for a world that is increasingly globally interconnected.

**\*Note:** The Anthropology Department at Kwantlen does not currently offer courses in Linguistic Anthropology. Students are encouraged to take these courses through the Department of Modern Languages at Kwantlen.

## CAREER OPPORTUNITIES

A Bachelor of Arts in Anthropology is directly applicable in employment fields such as market research, non-governmental organizations (NGOs) and development studies, business, community liaison, legal careers, criminal investigation, environmental assessment and management, teaching, and health care, among many others. We anticipate our graduates will use skills developed during an anthropology degree throughout the rest of their careers. Our current anthropology field school

involves direct interaction at a high level with First Nations communities and anthropology professionals, and has been endorsed by the British Columbia Association of Professional Archaeologists, the first such endorsement in Canada. Our program is also designed to give students a solid foundation for entry into graduate programs.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

### Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11

courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## CONTENT

Students are projected to complete the BA in Anthropology in four years, with a total of 48 credits in Anthropology. This requirement will include 9 first year and 9 second year credits in foundational courses, then 21 third year and 9 fourth year credits in advanced methods, theory, ethics, topical, and applied courses. Anthropology students at Kwantlen will be able to focus on one or more streams within the discipline: archaeology, biological anthropology, and cultural anthropology.

Students pursuing a Bachelor of Arts degree must complete all requirements in the Bachelor of Arts framework in addition to their major or minor program requirements.

### Anthropology Major

#### 1000 LEVEL

**Students are required to complete the following courses:**

ANTH 1100	Social & Cultural Anthropology	3 credits
ANTH 1200	Biological Anthropology	3 credits
ANTH 1300	Archaeology	3 credits

**Recommended:**

ANTH 1217	Forensic Anthropology	3 credits
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#### Notes:

ANTH 1217 is the pre-requisite for ANTH 2217, 3220 (in development), and other upper level courses.

Completion of the courses listed above with a minimum grade of 'C' will fulfill prerequisites to 2000-level Anthropology courses.

#### 2000 LEVEL

**Students are required to complete 3 credits of the following methods courses:**

ANTH 2100	Method and Ethics in Anthropology	3 credits
ANTH 2217	Forensic Methods & Analysis	3 credits
ANTH 2300	Archaeological Methods	3 credits

**Students are required to complete a minimum of 6 additional ANTH credits at the 2000 level:**

ANTH 2120	Cross-Cultural Women's Studies	3 credits
ANTH 2133	Religion, Magic and Witchcraft	3 credits
ANTH 2140	First Nations Cultures of B.C.	3 credits
ANTH 2142	First Nations Cultures of Canada	3 credits
ANTH 2160	Culture and Environment	3 credits
ANTH 2163	Culture, Health and Healing	3 credits
ANTH 2310	Archaeology of Death	3 credits

ANTH 2320	Archaeology of the Old World	3 credits
ANTH 2340	Archaeology of the New World	3 credits

#### 3000 LEVEL

**Students are required to complete 3 credits of the following theory courses:**

ANTH 3100	Anthropological Theory	3 credits
ANTH 3300	Archaeological Theory	3 credits

**Students are required to complete a minimum of 18 additional ANTH credits at the 3000 level:**

ANTH 3130	The Sikhs: Culture, Religion, and Society	3 credits
ANTH 3168	Deviance Across Cultures	3 credits
ANTH 3188	Visual Anthropology	3 credits
ANTH 3301	Archaeological Methods for Cultural Resource Management	3 credits
ANTH 3330	East Asian Archaeology	3 credits
ANTH 3340	British Columbia Archaeology	3 credits
ANTH 3361	Archaeology Field Studies	6 credits
ANTH 3500	Directed Readings in Anthropology	3 credits
ANTH 3501	Special Topics in Cultural Anthropology	3 credits
ANTH 3502	Special Topics in Biological Anthropology	3 credits
ANTH 3503	Special Topics in Archaeology	3 credits
ANTH 3510	Anthropology of Genocide	3 credits

#### Notes:

- ANTH 3301 (formerly 2301) is a methods course.
- ANTH 3301, 3340, and 3361 will be offered simultaneously as a field school option for upper level students in Summer Term.

#### 4000 LEVEL

**Students are required to complete a minimum of 9 credits of Anthropology at the 4000 level:**

ANTH 4101	Contemporary Readings in Anthropology	3 credits
ANTH 4500	Culture, Community, and Well-Being	3 credits
ANTH 4502	Regional Focus in Anthropology	3 credits
ANTH 4510	Applied Research in Anthropology	3 credits
ANTH 4520	Anthropology of Deadly Disease (in development)	3 credits

**Notes:****Anthropology Major with a Cultural Anthropology****Focus**

For an Anthropology Major with a focus on cultural anthropology, students are advised to choose from the following course offerings: ANTH 2100, 2120, 2133, 2140, 2142, 2160, 2163, 2310, 3100, 3130, 3168, 3183 (in development), 3188, 3500, 3501, 3510, 4101, 4500, 4501 (in development), 4502, and 4520 (in development).

**Anthropology Major with an Archaeology & Biological Anthropology Focus**

For an Anthropology Major with a focus on archaeology and biological anthropology, students are advised to choose from the following course offerings: ANTH 2217, 2300, 2310, 2320, 2340, 3220 (in development), 3300, 3301, 3330, 3340, 3361, 3500, 3502, 3503, 3510, 4500, 4501 (in development), 4502, 4510 and 4520 (in development).

**Anthropology Minor**

The Minor in Anthropology enables students to acquire skills and a well-rounded knowledge base in both the general discipline of anthropology and a specific sub-field of study (i.e., archaeology and biological anthropology, or cultural anthropology) that suits their individual interests.

It is our intention that these requirements provide students with employability skills that include:

1. critical thinking skills;
2. cross-cultural and historical awareness in a multicultural society affected by globalization;
3. the ability to apply abstract ideas to deal with specific issues or problems;
4. practical and cross-cultural experience in the areas of archaeological, forensic, and ethnographic research

**1000 LEVEL****Students are required to complete all of the following courses:**

ANTH 1100	Social & Cultural Anthropology	3 credits
ANTH 1200	Biological Anthropology	3 credits
ANTH 1300	Archaeology	3 credits

**Recommended:**

ANTH 1217	Forensic Anthropology	3 credits
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**Notes:**

ANTH 1217 is the prerequisite for ANTH 2217, 3220 (in development).

Completion of the courses listed above with a minimum GPA of 2.0 will fulfill prerequisites to all 2000-level Anthropology courses.

**2000 LEVEL****Students are required to complete 3 credits of the following methods courses:**

ANTH 2100	Method and Ethics in Anthropology	3 credits
ANTH 2217	Forensic Methods & Analysis	3 credits

ANTH 2300	Archaeological Methods	3 credits
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**Students are required to complete a minimum of 6 additional ANTH credits at the 2000 level.**

ANTH 2120	Cross-Cultural Women's Studies	3 credits
ANTH 2133	Religion, Magic and Witchcraft	3 credits
ANTH 2140	First Nations Cultures of B.C.	3 credits
ANTH 2142	First Nations Cultures of Canada	3 credits
ANTH 2160	Culture and Environment	3 credits
ANTH 2163	Culture, Health and Healing	3 credits
ANTH 2310	Archaeology of Death	3 credits
ANTH 2320	Archaeology of the Old World	3 credits
ANTH 2340	Archaeology of the New World	3 credits

**3000 LEVEL****Students are required to complete 3 credits of the following theory courses:**

ANTH 3100	Anthropological Theory	3 credits
ANTH 3300	Archaeological Theory	3 credits

**Students are required to complete a minimum of 9 additional ANTH credits at the 3000 level:**

ANTH 3130	The Sikhs: Culture, Religion, and Society	3 credits
ANTH 3168	Deviance Across Cultures	3 credits
ANTH 3188	Visual Anthropology	3 credits
ANTH 3301	Archaeological Methods for Cultural Resource Management	3 credits
ANTH 3330	East Asian Archaeology	3 credits
ANTH 3340	British Columbia Archaeology	3 credits
ANTH 3361	Archaeology Field Studies	6 credits
ANTH 3500	Directed Readings in Anthropology	3 credits
ANTH 3501	Special Topics in Cultural Anthropology	3 credits
ANTH 3502	Special Topics in Biological Anthropology	3 credits
ANTH 3503	Special Topics in Archaeology	3 credits
ANTH 3510	Anthropology of Genocide	3 credits

**Notes:**

- ANTH 3301 (formerly 2301) is a methods course.
- ANTH 3301, 3340, and 3361 will be offered simultaneously as a field school option for upper level students in Summer Term.

## 4000 LEVEL

### Required Course:

ANTH 4500 Culture, Community, and Well-Being 3 credits

### Notes:

#### Anthropology Minor with a Cultural Anthropology Focus

For an Anthropology Minor with a focus on cultural anthropology, students are advised to choose from the following course offerings: ANTH 2100, 2120, 2133, 2140, 2142, 2160, 2163, 2310, 3100, 3130, 3168, 3188, 3500, 3510, 4500.

#### Anthropology Minor with an Archaeology & Biological Anthropology Focus

For an Anthropology Minor with a focus on archaeology and biological anthropology, students are advised to choose from the following course offerings: ANTH 2217, 2300, 2310, 2320, 2340, 3220 (in development), 3300, 3330, 3340, 3361, 3500, 3510, 4500.

## GRADUATION

Upon successful completion of the major program, students are eligible to receive a **Bachelor of Arts, Major in Anthropology**.

Upon successful completion of the minor program, students are eligible to receive a **Minor in Anthropology** as part of a Bachelor of Arts program.

# Asian Studies: Associate of Arts Degree

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of Asian Studies.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Arts Degree, students must complete at least 60 credits with a minimum grade of C in each course and meet the following requirements:

Thirty-six credits in Arts courses, which shall include the following:

### Group A

#### At least nine credits from the following courses:

ANTH 3130	The Sikhs: Culture, Religion and Society	3 credits
ASIA 2250	South Asians Around the Globe	3 credits
ASIA 2252	Indian Society through Popular Film	3 credits
ASIA 2255	Women in Modern India	3 credits
CRIM 1231	Comparative Police Systems (discontinued)	3 credits
CRIM 1232	Comparative Justice Systems (discontinued)	3 credits
GEOG 2185	Regional Geography of East Asia	3 credits

GEOG 2190	Regional Geography of South Asia	3 credits
GEOG 3210	Geography of Cultures	3 credits
POLI 2140	Comparative Asian Politics	3 credits
POLI 3146	Government and Politics of India	3 credits
POLI 3240	Chinese Government and Politics	3 credits
SOCI 3230	International Migration and Ethnic Communities	3 credits

## Group B

**At least nine credits from the following courses. Up to three credits of East or South Asian languages can be used to partially satisfy this component:**

ASIA 1111	Religions of India (formerly HUMN 1111)	3 credits
JAPN 1200 / CUST 1200	Introduction to Contemporary Japanese Society and Culture	3 credits
JAPN 3310 / CUST 3310	Japanese Culture and Business	3 credits
JAPN 3320 / CUST 3320	Japanese Culture through Film	3 credits
HIST 1150	Introduction to East Asia	3 credits
HIST 1151	Introduction to Modern East Asia	3 credits
HIST 1160	Introduction to South Asia	3 credits
HIST 2350	Late Imperial China	3 credits
HIST 3350	China in the Twentieth Century: Reforms and Revolutions	3 credits
HIST 3360	British India:1875-1947	3 credits
HIST 3361	Indian Subcontinent since 1947	3 credits
HIST 3370	Twentieth Century Japan	3 credits
HIST 4450	China and the West	3 credits
HIST 4455	Sages and Statescraft in China	3 credits
HIST 4460	Gandhi in History	3 credits
HIST 4470	Samurai	3 credits
HIST 4480	Vietnam War	3 credits
PHIL 2115	Asian Philosophy	3 credits

## Group C

**At least 6 credits in an Asian language.**

This requirement can be satisfied by successful completion of at least 2 of the following courses or in the case of other Asian languages by arrangements with the Department of Modern Languages. Students with native fluency in an Asian Language may apply to the department of Modern Languages for a waiver. In the event that a waiver is granted, students must complete an

additional 6 credits from the courses linked above in place of the 6 credit language requirement.

JAPN 1100	Basic Japanese I	3 credits
JAPN 1101	Basic Japanese II	3 credits
JAPN 2200	Intermediate Japanese I	3 credits
JAPN 2201	Intermediate Japanese II	3 credits
JAPN 3300	Upper Intermediate Japanese I	3 credits
JAPN 3301	Upper Intermediate Japanese II	3 credits
JAPN 4400	Advanced Japanese I: Conversation	3 credits
MAND 1100	Beginner Mandarin I	3 credits
MAND 1101	Basic Mandarin II	3 credits
MAND 2200	Intermediate Mandarin I	3 credits
MAND 2201	Intermediate Mandarin II	3 credits
MAND 3300	Mandarin for Speakers of Other Chinese Dialects I	3 credits
MAND 3301	Mandarin for Speakers of Other Chinese Dialects II	3 credits
MAND 3310	Upper Intermediate Mandarin: Reading and Writing I	3 credits
MAND 3311	Upper Intermediate Mandarin: Reading and Writing II	3 credits
PUNJ 1100	Basic Punjabi I	3 credits
PUNJ 1101	Basic Punjabi II	3 credits
PUNJ 2200	Intermediate Punjabi I	3 credits
PUNJ 2201	Intermediate Punjabi II	3 credits
PUNJ 3300	Canadian Punjabi Literature	3 credits

Courses with a primary focus on Asian Studies content and/or issues but which are not included in this list may be considered as credits for the Associate of Arts in Asian Studies upon request for course substitution by students declared in the program.

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Arts degree in Asian Studies**.

# Asian Studies: Bachelor of Arts Major and Minor

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Bachelor of Arts, Major in Asian Studies focuses on the diverse cultures of Asia, our country and our community. The degree allows students to develop the knowledge, core competencies, and skills characteristic of a traditional BA program while preparing them to respond creatively and innovatively to a range of challenges in our community and the world. In this four-year integrated interdisciplinary Asian Studies program, students will acquire a number of practical skills that they can employ in their communities locally, in addition to developing the intellectual and cultural skills that will enable them to operate successfully in a rapidly changing world where the leading countries of East and South Asia are becoming increasingly influential.

A Minor in Asian Studies will allow students in other programs to complement their main field of study with courses from the Asian Studies curriculum. The main focus of the Minor in Asian Studies is to produce graduates who combine expertise in their chosen career field with a high level of understanding of Asian cultural norms.

Students in the Asian Studies program will benefit from our faculty's commitment to teaching excellence, and from the small class sizes at Kwantlen Polytechnic University. Arts degrees enjoy high rates of participant satisfaction, and the literacy and analytical skills developed in such programs create constructive members of society who fit well into the workplace.

## CAREER OPPORTUNITIES

A graduate who combines Asian language skills with an awareness of the region's cultural and historical heritage will automatically have a number of advantages over someone who does not. The versatility of the BA in Asian Studies will allow students to design programs of study that will prepare them for careers or further study in areas such as public history, primary and secondary education, professional writing, graduate studies, business or self-employment, community service, law or policing, military, non-governmental organizations, public administration, religious studies, and social work.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

### Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

# CONTENT

Asian Studies students begin their first year of studies with courses that broadly introduce the countries and cultures of East and South Asia, as well as some of the social science methodologies required in upper level courses. As they progress to more narrowly defined regional courses, students will examine in greater depth the societies, cultures, political systems, economies and histories of the peoples and nations of South and East Asia, as well as their interactions with Canada and the rest of the world.

Students pursuing a Bachelor of Arts degree must complete all requirements in the Bachelor of Arts Framework in addition to their major or minor program requirements.

## Asian Studies Major

The following requirements are to be completed for the Bachelor of Arts, Asian Studies Major program.

### LOWER LEVEL

Students are required to complete 18 credits of lower level Asian Studies designated core courses with at least 12 of these credits at the 2000 level. Language courses cannot be applied to this requirement. Note that many 2000 level courses require specific course prerequisites at the 1000 level. Other ASIA-related courses may also be eligible to meet these requirements.

#### 1000 Level

ASIA 1111	Religions of India (formerly HUMN 1111)	3 credits
CUST 1200 / JAPN 1200	Introduction to Contemporary Japanese Society and Culture	3 credits
HIST 1150	Introduction to Traditional East Asia	3 credits
HIST 1160	Introduction to South Asian History	3 credits

#### 2000 Level

ASIA 2250	South Asians Around the Globe	3 credits
ASIA 2252	Indian Society Through Popular Film	3 credits
ASIA 2255	Women in Modern India	3 credits
ASIA 2399	Readings in Asian Studies	3 credits
GEOG 2185	Regional Geography of East Asia	3 credits
GEOG 2190	Regional Geography of South Asia	3 credits
HIST 2350	Late Imperial China	3 credits
HIST 2375	Japan under the Shoguns	3 credits
HIST 2355	The Chinese Overseas	3 credits
PHIL 2115	Asian Philosophy	3 credits
POLI 2140	Comparative Politics of Asia	3 credits
SOCI 2230	Racialization and Ethnicity in Canada	3 credits
SOCI 2285	Gods in the Global Village	3 credits

### UPPER LEVEL

Students are required to take 30 credits of upper level courses from the following list of core courses approved for the Asian Studies Major, with at least 12 credits at the 4000 level including at least one of:

ASIA 4350	Canadian East and South Asian Communities	3 credits
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Language courses cannot be applied to this requirement. Note that many courses at the 3000 and 4000 levels require specific course prerequisites at the 1000 and 2000 levels.

#### 3000 Level

ANTH 3130	The Sikhs: Culture, Religion and Society	3 credits
ANTH 3330	East Asian Archeology	3 credits
HIST 3350	China in the Twentieth Century	3 credits
HIST 3360	British India, 1857–1947	3 credits
HIST 3361	The Indian Subcontinent since 1947	3 credits
HIST 3370	Modern Japan	3 credits
HIST 3380	World War II in the Pacific	3 credits
JAPN 3310 / CUST 3310	Japanese Culture and Business	3 credits
JAPN 3320 / CUST 3320	Japanese Culture Through Film	3 credits
LBED 3120	Study of Cultures	3 credits
POLI 3146	Government and Politics of India	3 credits
POLI 3240	Chinese Government and Politics	3 credits
PSYC 3343	The Psychology of Prejudice	3 credits
SOCI 3230	International Migration and Ethnic Communities	3 credits

#### 4000 Level

HIST 4450	China and the West	3 credits
HIST 4455	Sages and Statecraft in China	3 credits
HIST 4460	Gandhi in History	3 credits
HIST 4470	The Samurai	3 credits
HIST 4480	The American Experience in Vietnam	3 credits
PSYC 4700	Culture and Psychology	3 credits
SOCI 4275	Diversity and the Media	3 credits

Courses with a primary focus on Asian Studies content and/or issues but which are not included in this list may be considered as credits for the Bachelor of Arts in Asian Studies upon request for course substitution by students declared in the program.

### LANGUAGE REQUIREMENT (MAJOR ONLY)

Students in the Bachelor of Arts, Asian Studies Major program must complete at least 12 credits in a single approved Asian language. It is strongly recommended that these courses be

completed in years one and two. The Asian Studies language requirement satisfies the language requirement of the BA Framework. Students who can demonstrate oral and written competency in an approved East of South Asian language may request an assessment to have the BA Asian Studies language requirement waived in part or in full.

Students are strongly encouraged to take at least one course in Linguistics (LING 1100 or 1300), understanding that this does not take the place of studying an Asian language.

**Students may choose from the following Asian language courses:**

JAPN 1100	Basic Japanese I	3 credits
JAPN 1101	Basic Japanese II	3 credits
JAPN 2200	Intermediate Japanese I	3 credits
JAPN 2201	Intermediate Japanese II	3 credits
JAPN 3300	Upper Intermediate Level Japanese I	3 credits
JAPN 3301	Upper Intermediate Level Japanese II	3 credits
JAPN 4400	Advanced Japanese I: Conversation	3 credits
MAND 1100	Beginner's Mandarin I	3 credits
MAND 1101	Beginner's Mandarin II	3 credits
MAND 2200	Intermediate Mandarin I	3 credits
MAND 2201	Intermediate Mandarin II	3 credits
MAND 3300	Mandarin for Dialect Speakers I	3 credits
MAND 3301	Mandarin for Dialect Speakers II	3 credits
MAND 3310	Upper Intermediate Mandarin I	3 credits
MAND 3311	Upper Intermediate Mandarin II	3 credits
MAND 3312	Chinese Language and Culture	3 credits
PUNJ 1100	Introductory Punjabi I	3 credits
PUNJ 1101	Introductory Punjabi II	3 credits
PUNJ 2200	Intermediate Punjabi I	3 credits
PUNJ 2201	Intermediate Punjabi II	3 credits
PUNJ 3300	Canadian-Punjabi Literature	3 credits

**Asian Studies Minor**

The following minor requirements are to be completed for the Bachelor of Arts, Asian Studies Minor program.

There is no language requirement for the Asian Studies minor beyond the language requirement of the BA Framework.

**LOWER LEVEL**

Students are required to complete 12 credits of lower level Asian Studies approved core courses (as listed under the requirements for the Major in Asian Studies) with at least 6 of these credits at the 2000 level. Language courses cannot be applied to this requirement. Note that many 2000 level courses in ASIA, SOCI,

GEOG, POLI, and HIST require specific course prerequisites at the 1000 level.

**UPPER LEVEL**

Students are required to take at least 15 credits of approved Asian Studies courses (as listed under the requirements for the Major in Asian Studies), with a minimum of 9 credits at the 3000 level and 6 credits at the 4000 level. Language courses cannot be applied to this requirement.

**GRADUATION**

Upon successful completion of the major program, students are eligible to receive a **Bachelor of Arts, Major in Asian Studies**.

Upon successful completion of the minor program, students are eligible to receive a **Minor in Asian Studies** as part of a Bachelor of Arts program.



# Canadian Studies: Associate of Arts Degree

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Discovering the unique nature of Canada through an examination of material related to our multicultural identities, peacekeeping roles, unique legal system, federalism, environmental programs, indigenous cultures, the arts, international trade policies, and public media would provide students with a solid foundation for advanced studies in law, economics, sociology, history, political science, the humanities, education, communications and journalism. Students emerging from this program with a comprehensive knowledge of Canada would also be well-suited for careers in the federal and provincial governments, public affairs, non-government agencies, and the media.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

The Canadian Studies program offers students a remarkable degree of flexibility in their course selections. Students are able to pursue a variety of academic interests while receiving special recognition for their detailed knowledge of this country.

Within the framework of the Associate of Arts degree, students must complete at least 60 credits with a minimum of C in required and elective courses.

**In order to complete an Associate of Arts degree in Canadian Studies, students must complete a minimum of 30 credits from the following list of courses:**

ANTH 1100	Social & Cultural Anthropology	3 credits
ANTH 2140	First Nations Cultures of BC	3 credits

ANTH 2142	First Nations Cultures of Canada	3 credits
CRIM 1101	Introduction to the Criminal Justice System	3 credits
CRIM 1107	Canadian Legal Systems	3 credits
CRIM 1207	Introduction to Criminal Law	3 credits
CRIM 2211	Introduction to Policing	3 credits
CRIM 2214	Corrections: Theory and Practice	3 credits
CRIM 2341	Canadian Criminal Justice Administration	3 credits
ECON 1250	Principles of Macroeconomics	3 credits
ECON 2210	Money and Banking	3 credits
ENGL 2301	Canadian Literature in English	3 credits
GEOG 1130	Human Impacts on Canadian Environments	3 credits
GEOG 1160	Regional Geography of British Columbia	3 credits
GEOG 2140	Regional Geography of Canada	3 credits
HIST 1113	Canada to 1867	3 credits
HIST 1114	Canada since 1867	3 credits
HIST 2304	Canadian-American Relations	3 credits
HIST 3313	Canadian Social History: Order and Disorder	3 credits
HIST 3390	Canada and World War I	3 credits
HIST 4490	History of British Columbia	3 credits
HIST 4491	Québec in Canada	3 credits
MRKT 1199	Introduction to Marketing	3 credits
POLI 1120	Canadian Government and Politics	3 credits
POLI 2120	Government Politics of the Prairie Provinces	3 credits
POLI 2121	Law and Politics: The Charter of Rights and Freedoms	3 credits
POLI 2235	British Columbia Government and Politics	3 credits
POLI 3122	Introduction to Canadian Foreign Policy	3 credits
SOCI 1125	Introduction to Society: Processes and Structures	3 credits
SOCI 2225	Canadian Society: Conflict and Consensus	3 credits
SOCI 2230	Racialization and Ethnicity in Canada	3 credits
SOCI 2240	Women in Canada	3 credits
SOCI 2250	Families in Canada	3 credits
SOCI 2275	Mass Media and Society	3 credits

SOCI 3300	Sociology of Work and Occupations	3 credits
SOCI 3345	Social Policy in Context	3 credits
SOCI 3385	Introduction to Demography	3 credits

**Note:** Courses with a primary focus on Canadian content and/or issues but which are not included in this list may be considered as credits for the Associate of Arts Degree in Canadian Studies by the appropriate dean upon request for course substitution by students within the program. Prerequisite courses are required for some of the courses listed above. Please consult the Courses section for details.

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Arts degree in Canadian Studies**.

# Community Criminal Justice: Bachelor of Arts (also: Honours)

Faculty of Social Sciences	
<a href="http://kwantlen.ca/socialsciences">kwantlen.ca/socialsciences</a>	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

The Bachelor of Arts in Community Criminal Justice program provides students with the following benefits:

1. A broad understanding of crime and social justice issues within community, national, and international contexts.
2. Courses unique in Canada that unite practical and professional skills with community building and social justice.
3. An understanding of social and legal responses to crime and justice and the inter-relationship of these responses on societal attitudes.
4. A solid understanding of, and familiarity with, the research techniques that allow us to accurately document crime, victimization, attitudes, and social and legal change.
5. Ability to think critically and respond innovatively to emerging trends in community-based justice and related agencies.
6. Opportunities to work in direct partnership with local agencies and faculty on projects or engage in research, working closely with academic supervisors.
7. An understanding of, and ability to use, various means to promote social justice, including conflict resolution, restorative justice, community advocacy in a human rights framework, and an ability to deal with the many regulatory regimes that affect people in the justice system.

The Bachelor of Arts in Community Criminal Justice program ensures that graduates have covered a range of theoretical, scientific, legal, and practical courses. Specific upper-division courses build knowledge and skills in:

- understanding historical and contemporary perspectives of social justice and injustice
- developing individual skills and leadership abilities to work effectively with community-based agencies and organizations that promote social justice goals
- understanding crime in communities and its prevention
- empirical data collection, analysis, and presentation

- conflict resolution and mediation
- professional communication skills
- project planning, management, and evaluation
- advocacy, human rights, and decision-making in regulatory agencies
- professional ethics

Students who are interested in applying to graduate school or prefer more extensive research experience are encouraged to undertake a structure program leading to a Bachelor of Arts in Community Criminal Justice, Honours degree. Students may obtain a Bachelor of Arts in Community Criminal Justice (Honours) degree by completing a further 12 credits of coursework centered around developing, researching, and writing an Honours Thesis.

**Note:** See the Bachelor of Arts Honours, Major, and Minor in Criminology for information on an alternate program.

## CAREER OPPORTUNITIES

The limited success of traditional responses to crime, violence, poverty, homelessness, mental illness, and other social issues has increased calls for different approaches and strategies. New awareness of the burdens and social costs associated with these issues requires communities to rethink and focus their efforts. Kwantlen's Bachelor of Arts in Community Criminal Justice features a unique focus on community-based solutions to crime and social justice issues. The conceptual, critical, and applied skills that students acquire in this program will be attractive to employers in a wide range of settings.

Graduates will be prepared for careers in community-based and traditional organizations concerned with the justice field.

## PROGRAM ADMISSION REQUIREMENTS

Students may apply for admission into the Bachelor of Arts in Community Criminal Justice program in first or third year.

### Year One Admission

Students who enter in their first year must have:

- a grade of 'B' in English 12 (or equivalent) and
- a grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12.

### Year Three Admission

Students may also enter the BA in CCJ in year three on completion of an Associate of Arts in Criminology (or equivalent) with a CGPA of 2.00 or higher. (See Associate of Arts Degree in Criminology). Students with a Diploma in Criminology should complete the remaining requirements for the Associate of Arts in Criminology if seeking admission to the BA in CCJ..

Enrolment in this program may be limited depending on demand. In addition to Kwantlen's standard application start date, students will be considered for admission based on the date of qualification. Students should apply on the condition that they will have completed their Associate of Arts in Criminology by the semester prior to entering the program.

### Honours Admission:

In order to be considered for admission to the honours program, students normally:

- have completed 90 credits or more at the time of application;

- must achieve a CGPA of 3.5; and
- have completed CRIM 3104 and CRIM 4410.

Students with a CGPA less than 3.5 (but not below 3.0) may be granted admission with special permission. Interested students can obtain an application from the Criminology Program Degree Coordinator.

## CONTENT

### Community Criminal Justice Honours

The following are the requirements for the Community Criminal Justice Honours program.

**In addition to the 120 credits required by the Community Criminal Justice degree program, honours students will need to complete the following additional 12 credits of course work:**

CRIM 5000	Honours Thesis I	3 credits
CRIM 5010	Honours Seminar	3 credits
CRIM 5020	Honours Thesis II	6 credits

### Community Criminal Justice Degree

The Bachelor of Arts in Community Criminal Justice requires that students complete 120 credits of post-secondary studies (132 credit hours for the Honours degree option). The program was recently revised and now integrates required practical elements into a new curriculum focusing on social justice. The first two years consist of 60 credit hours earned through completing the requirements of the Associate of Arts in Criminology (or equivalent). For the remaining 60 credits, students must successfully complete courses in the following categories.

**Students must complete all of the following courses:**

CMNS 3100	Technical Report Writing	3 credits
CRIM 3000	Justice/Injustice	3 credits
CRIM 3104	Qualitative Research Methods	3 credits
CRIM 3800	Service Learning in Criminology and Justice	6 credits
CRIM 4301	Community Advocacy and Human Rights	3 credits
CRIM 4400	Ethics and Professional Development	3 credits

**Students must complete at least 6 credits from the following courses in the Justice group:**

CRIM 3213	Community Corrections	3 credits
CRIM 3307	Issues in Conflict Resolution	3 credits

New courses will be listed in the near future, so please check the department web page in the fall.

**Students must complete at least 6 credits from two or more of the following groups:**

#### Group A: Methods

CRIM 3103	Quantitative Data Analysis II	3 credits
CRIM 3115	Crime Mapping	3 credits

CRIM 4410 Policy and Program Evaluation 3 credits

Upon successful completion of the degree program, students are eligible to receive a **Bachelor of Arts in Community Criminal Justice**.

**Group B: Theory**

CRIM 3100 Advanced Theories of Crime and Community 3 credits

CRIM 3111 Contemporary Sociological Criminology 3 credits

CRIM 3113 Critical Criminology 3 credits

CRIM 4112 Contemporary Psychological Criminology 3 credits

**Group C: Criminal Justice**

CRIM 3118 White-Collar and Corporate Crime 3 credits

CRIM 3217 Women, Crime, and Justice 3 credits

CRIM 3249 Issues in Youth Justice 3 credits

CRIM 4201 Community Safety and Crime Prevention 3 credits

CRIM 4235 Minorities and the Criminal Justice System 3 credits

**Group D: Law**

CRIM 3302 Procedure and Evidence 3 credits

CRIM 3305 Law and Society 3 credits

CRIM 3351 Philosophy of Law 3 credits

CRIM 3512 Mental Disorder and Canadian Law 3 credits

CRIM 4300 Administrative and Regulatory Law 3 credits

**Students must complete at least 6 credits from the following courses in the Applied category:**

CRIM 4154 Community Criminal Justice Project I 3 credits

CRIM 4155 Community Criminal Justice Project II 6 credits

CRIM 4700 Conflict Resolution Centre (in development) 3 credits

CRIM 4800 Practicum in Criminology and Justice 12 credits

**Students also must complete an additional 9 credits of criminology electives and 12 credits selected from outside criminology in arts, science, or other areas (breadth requirements).**

**Students must complete at least 45 credits at the 3000 or 4000 level. Depending on course selection at the CRIM 4000 level, students might require additional upper-level courses as either CRIM electives or any other electives.**

## GRADUATION

Upon successful completion of the honours program, students are eligible to receive a **Bachelor of Arts in Community Criminal Justice (Honours)**.

# Criminology: Associate of Arts Degree

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

While obtaining the benefits of study across several disciplines, students in this program concentrate on theories of crime, law, and the administration of justice in Canada. Students are immersed in a multidisciplinary approach to understanding crime in context, how different communities respond to crime in Canada, crime statistics, and different methods that can be used in researching crime and social control.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Arts Degree, students are required to complete at least 60 credits, with a minimum of C in each course, and include the following courses.

### All of:

CRIM 1100	Introduction to Criminology	3 credits
CRIM 1101	Introduction to the Criminal Justice System	3 credits
CRIM 1107	Canadian Legal Systems	3 credits
CRIM 1208	Methods of Research in Criminology	3 credits
CRIM 1215	Interpersonal and Professional Development	3 credits
CRIM 2103	Quantitative Data Analysis I	3 credits
CRIM 2330	Psychological Explanations of Criminal Behaviour	3 credits
CRIM 2331	Sociological Explanations of Criminal Behaviour	3 credits

CRIM 2341	Canadian Criminal Justice Administration	3 credits
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### All of:

SOCI 1125	Introduction to Society: Processes and Structures	3 credits
ANTH 1217	Forensic Anthropology (or another lab science)	3 credits

### Any one of:

PHIL 1100	Introduction to Philosophy	3 credits
PHIL 1110	Confronting Moral Issues: Introduction to Ethics	3 credits
PHIL 1145	Critical Thinking	3 credits
PHIL 1150	Introduction to Formal Logic	3 credits

### Any one of:

A course in the Humanities	3 credits
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### And one of:

PSYC 1100*	Introduction to Psychology: Basic Processes	3 credits
PSCY 1200	Introduction to Psychology: Areas and Applications	3 credits

### Any one of:

CPSC 1100	Introduction to Computer Literacy	3 credits
CPSC 1103	Introduction to Computer Programming I	3 credits

### Any two\*\* of:

CRIM 1207	Introduction to Criminal Law	3 credits
CRIM 2204	Criminal Justice and Psychology	3 credits
CRIM 2205	Crime, Criminal Justice, and the Media	3 credits
CRIM 2211	Introduction to Policing	3 credits
CRIM 2214	Corrections: Theory and Practice	3 credits
CRIM 2249	Youth Justice	3 credits

### Three credits in second year arts, science, or other areas.

#### Notes:

\* Students planning to complete the Bachelor of Arts, Major in Criminology should complete PSYC 1100 because it is required for the degree program. PSYC 1100 is currently the prerequisite for CRIM 2330.

\*\* At least three credits must be from either CRIM 1207, CRIM 2211, or CRIM 2214.

Please note the following:

- If you selected ANTH 1217 as your lab science, this elective can be from chosen from the first or second year level.
- If you selected any lab science other than ANTH 1217, the elective must be in an Arts discipline other than Criminology at the second year level, and must be university transferable.

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Arts degree in Criminology**.

# Criminology: Bachelor of Arts Honours, Major, and Minor

Faculty of Social Sciences	
<a href="http://kwantlen.ca/socialsciences">kwantlen.ca/socialsciences</a>	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

The Bachelor of Arts, Major in Criminology program provides students with a broad, liberal education in social science, criminal justice, and law. Students learn scientific research methods, legal and philosophical approaches to aid in understanding crime and related social problems, and social responses to crime. The BA degree program builds on the central core of method and theory established in two year programs and affords students opportunities to hone abstract, logical thinking, and critical understanding of the issues, arguments, and debates that shape the discipline's character and aims. Contemporary criminology courses developed especially for this degree expose students to cutting-edge theory and research. This program also provides students with highly transferable and marketable knowledge and skills.

Students who are interested in applying to graduate school, or who prefer a more extensive research experience, are encouraged to undertake a structured program leading to a Bachelor of Arts (Honours), Major in Criminology degree.

**Note:** See Bachelor of Arts in Community Criminal Justice for information on an alternate program.

## CAREER OPPORTUNITIES

The Bachelor of Arts, Major in Criminology provides a wide range of opportunities to students. Graduates of criminology programs find employment in every aspect of the criminal justice system, including law, law enforcement, corrections, crime prevention, and public and private justice administration. Many graduates pursue careers within the public and private sectors in occupations where familiarity with justice and the law is valued by employers; examples include customs and border security, regulatory and other public agencies, insurance and other private companies. Labour market predictions for criminal justice and related areas are very favourable, as demographic trends and public safety and security concerns have increased demand for criminal justice professionals. The conceptual, critical, and applied skills that

students acquire in this program will be attractive to employers in a wide range of settings.

Criminology programs also offer excellent educational preparation for those who intend to major in law, social work, psychology, sociology, or philosophy. Students who wish to do graduate work in criminology are encouraged to take both CRIM 3104 and CRIM 4410 (both are required for entry into the Honours degree option for the Bachelor of Arts, Major in Criminology).

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

### Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

### Honours Admission:

In order to be considered for admission into the honours program, students normally:

- have completed 90 credits or more at the time of application;
- must achieve a CGPA of 3.5; and
- have completed CRIM 3104 and CRIM 4410.

Students with a CGPA less than 3.5 (but not below 3.0) may be granted admission with special permission. Interested students can obtain an application from the Criminology Programs Degree Coordinator.

### Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## CONTENT

During the first two years, the Bachelor of Arts, Major and Minor in Criminology will provide students with a broad foundation in the liberal arts tradition. Specifically, courses will expose students to the theoretical and methodological bases of psychology, sociology, history, political science, and the natural sciences. The third and fourth years of the program include courses falling into four main groupings:

- Theory and Methods
- Criminal Justice
- Law, Advocacy, and Conflict Resolution
- Additional Courses

Knowledge and skill mastery will develop as students approach issues and utilize skills across the various streams. The relationships between definitions of crime, criminological theories and research, and the criminal justice system are critically examined throughout the curriculum. Their complex relationships to political, social, and economic conditions are stressed. Problem solving and skill development will be an integral part of all courses.

Students pursuing a Bachelor of Arts degree must complete all requirements in the Bachelor of Arts framework in addition to their major or minor program requirements.

### Criminology Honours

The following are the requirements for the Criminology Honours program.

**In addition to the 120 credits required by the Bachelor of Arts, Major in Criminology degree (below), honours students will need to complete the following additional 12 credits of course work:**

CRIM 5000	Honours Thesis I	3 credits
CRIM 5010	Honours Seminar	3 credits
CRIM 5020	Honours Thesis II	6 credits

### Criminology Major

The following are requirements for the Criminology Major:

## 1000 LEVEL

### Required courses:

CRIM 1100	Introduction to Criminology	3 credits
CRIM 1101	Introduction to the Criminal Justice System	3 credits
CRIM 1107	Canadian Legal Systems	3 credits
CRIM 1207	Introduction to Criminal Law	3 credits
CRIM 1208	Methods of Research in Criminology	3 credits
CRIM 1215	Interpersonal and Professional Development	3 credits
PSYC 1100	Introduction to Psychology: Basic Processes	3 credits
SOCI 1125	Introduction to Society: Processes and Structures	3 credits

### Plus one of:

PHIL 1100	Introduction to Philosophy	3 credits
PHIL 1110	Confronting Moral Issues: Introduction to Ethics	3 credits
PHIL 1145	Critical Thinking	3 credits
PHIL 1150	Introduction to Formal Logic	3 credits

## 2000 LEVEL

### Required courses:

CRIM 2103	Quantitative Data Analysis I*	3 credits
CRIM 2330	Psychological Explanations of Criminal Behaviour	3 credits
CRIM 2331	Sociological Explanations of Criminal Behaviour	3 credits
CRIM 2341	Canadian Criminal Justice Administration	3 credits

### Plus one of:

CRIM 2204	Criminal Justice and Psychology	3 credits
CRIM 2205	Crime, Criminal Justice, and the Media	3 credits
CRIM 2211	Introduction to Policing	3 credits
CRIM 2213	Women, Girls and Crime	3 credits
CRIM 2214	Corrections: Theory and Practice	3 credits
CRIM 2249	Youth Justice	3 credits

\* Students who commenced their studies at Kwantlen prior to September 2005 may complete either PSYC 2300 or SOCI 2365 in place of CRIM 2103.

## 3000 AND 4000 LEVEL

Students will complete a minimum of ten upper-division criminology courses.

### Required course:

CRIM 3302	Procedure and Evidence	3 credits
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### Plus one of:

CRIM 3103	Quantitative Data Analysis II	3 credits
CRIM 3104	Qualitative Research Methods	3 credits

**Students must complete at least TWO courses drawn from Group 1 below.**

#### Group 1. Theory and Methods:

CRIM 3100	Advanced Theories of Crime and Community	3 credits
CRIM 3103	Quantitative Data Analysis II	3 credits
CRIM 3104	Qualitative Research Methods	3 credits
CRIM 3111	Contemporary Sociological Criminology	3 credits
CRIM 3113	Critical Criminology	3 credits
CRIM 4112	Contemporary Psychological Criminology	3 credits

**Students must complete at least ONE course from each of groups 2 and 3.**

#### Group 2. Criminal Justice:

CRIM 3118	White-Collar and Corporate Crime	3 credits
CRIM 3213	Community Corrections	3 credits
CRIM 3249	Issues in Youth Justice	3 credits
CRIM 4201	Community Safety and Crime Prevention	3 credits
CRIM 4235	Minorities and the Criminal Justice System	3 credits
CRIM 4410	Policy and Program Evaluation	3 credits

#### Group 3. Law, Advocacy, and Conflict Resolution:

CRIM 3305	Law and Society	3 credits
CRIM 3307	Issues in Conflict Resolution	3 credits
CRIM 3351	Philosophy of Law	3 credits
CRIM 4300	Administrative and Regulatory Law	3 credits
CRIM 4301	Community Advocacy and Human Rights	3 credits

**Students may complete a maximum of TWO courses from group 4 to meet criminology requirements.**

Note: If more than two are taken, you can count them towards upper-level electives.

#### Group 4. Additional Courses:

CRIM 3115	Crime Mapping	3 credits
CRIM 3512	Mental Disorder and Canadian Law	3 credits
CRIM 4150	Directed Studies	3 credits
CRIM 4400	Ethics and Professional Development	3 credits



CRIM 4900 Special Topics\* 3 credits

\* Note: The area of study for CRIM 4900 will be established in advance by the department. Please note that you will be allowed to take multiple offerings of CRIM 4900, as long as the course deals with a different topic each time.

## Criminology Minor

The following are requirements for the Criminology Minor:

### 1000 LEVEL

The 1000 courses in criminology provide the foundation for further undergraduate study in criminology. Required 1000-level courses in psychology and sociology introduce students to key concepts and issues that reflect the multidisciplinary subject matter of criminology.

#### Students are required to take all of the following courses:

CRIM 1100	Introduction to Criminology	3 credits
CRIM 1101	Introduction to the Criminal Justice System	3 credits
CRIM 1107	Canadian Legal Systems	3 credits
PSYC 1100	Introduction to Psychology: Basic Processes	3 credits
SOCI 1125	Introduction to Society: Processes and Structures	3 credits

### 2000 LEVEL

2000-level courses are built on the multidisciplinary foundations developed in the 1000 level. Students begin to synthesize material from sociology, psychology, law, and criminal justice to understand aspects of criminality and criminalization.

#### Students are required to take all of the following courses:

CRIM 2330	Psychological Explanations of Criminal Behaviour	3 credits
CRIM 2331	Sociological Explanations of Criminal Behaviour	3 credits
CRIM 2341	Canadian Criminal Justice Administration	3 credits

**Note:** Students in the Minor program are not required to complete a 2000-level statistics course as required in the Major. Those specifically interested in upper-division research courses may wish to incorporate a 2000-level statistics course within the Faculty of Social Sciences into their lower-division courses.

#### Students may elect to take any of the courses listed below as part of their BA degree:

CRIM 1207	Introduction to Criminal Law	3 credits
CRIM 2204	Criminal Justice and Psychology	3 credits
CRIM 2211	Introduction to Policing	3 credits
CRIM 2213	Women, Girls and Crime	3 credits
CRIM 2214	Corrections: Theory and Practice	3 credits
CRIM 2249	Youth Justice	3 credits

## 3000 AND 4000 LEVEL

Criminology courses at the 3000 and 4000 level build on the foundational skills and knowledge of law, social science theory and research, and criminal justice developed in the 1000 and 2000 levels. Students will apply these skills and concepts to emerging issues in criminological theory, research, and criminal justice policy. These upper-level courses will generally be accessible to students who have completed CRIM 2330, 2331, and 2341.

### Students are required to complete fifteen credits at the 3000 or 4000 level. This must include at least one course from each of the three core areas.

#### 1. Theory and Methods

CRIM 3100	Advanced Theories of Crime and Community	3 credits
CRIM 3103	Quantitative Data Analysis II	3 credits
CRIM 3104	Qualitative Research Methods	3 credits
CRIM 3111	Contemporary Sociological Criminology	3 credits
CRIM 3113	Critical Criminology	3 credits
CRIM 4112	Contemporary Psychological Criminology	3 credits

#### 2. Criminal Justice

CRIM 3118	White-Collar and Corporate Crime	3 credits
CRIM 3213	Community Corrections	3 credits
CRIM 3249	Issues in Youth Justice	3 credits
CRIM 4201	Community Safety and Crime Prevention	3 credits
CRIM 4235	Minorities and the Criminal Justice System	3 credits
CRIM 4410	Policy and Program Evaluation	3 credits

#### 3. Law, Advocacy, and Conflict Resolution

CRIM 3302	Procedure and Evidence	3 credits
CRIM 3305	Law and Society	3 credits
CRIM 3307	Issues in Conflict Resolution	3 credits
CRIM 3351	Philosophy of Law	3 credits
CRIM 4300	Administrative and Regulatory Law	3 credits
CRIM 4301	Community Advocacy and Human Rights	3 credits

#### 4. Additional Courses \*

CRIM 3115	Crime Mapping	3 credits
CRIM 3512	Mental Disorder and Canadian Law	3 credits
CRIM 4150	Directed Studies	3 credits
CRIM 4400	Ethics and Professional Development	3 credits

CRIM 4900 Special Topics: The area of 3 credits  
 study for CRIM 4900 will be  
 established in advance by  
 the department. Please email  
 crimprograms@kwantlen.ca  
 for proposed offerings.

\* **Note:** Students may not take more than one of CRIM 3115, 3512, 4150, 4400, and 4900 towards the minor requirement. Students who complete more than one of these may use the additional course(s) as part of their electives.

## GRADUATION

Upon successful completion of the honours program, students are eligible to receive a **Bachelor of Arts (Honours), Major in Criminology**.

Upon successful completion of the major program, students are eligible to receive a **Bachelor of Arts, Major in Criminology**.

Upon successful completion of the minor program, students are eligible to receive a **Minor in Criminology** as part of a Bachelor of Arts program.

# Criminology: Certificate

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Certificate
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Certificate in Criminology is a 30-credit program offering students an introduction to criminology and other disciplines, and post-secondary training for careers in criminal justice agencies. On completion of the Certificate, students have the option of entering the Criminology Diploma program or the Associate of Arts in Criminology degree program, which in turn can ladder into the BA Major or Minor in Criminology or the BA Community Criminal Justice. Students who want to ensure that they do not have to make up additional course work should choose their optional criminology courses carefully in consultation with the calendar requirements for the Diploma and Associate of Arts degree and BA programs.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Students are required to complete 30 credits of coursework according to the following:

### GROUP A (all of)

CRIM 1100	Introduction to Criminology	3 credits
CRIM 1101	Introduction to the Criminal Justice System	3 credits
CRIM 1107	Canadian Legal Systems	3 credits
PSYC 1100	Introduction to Psychology: Basic Processes	3 credits
SOCI 1125	Introduction to Society: Processes and Structures	3 credits

### GROUP B (three of the following)

CRIM 1203	Community Policing (discontinued)	3 credits
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CRIM 1207	Introduction to Criminal Law	3 credits
CRIM 1208	Methods of Research in Criminology	3 credits
CRIM 2204	Criminal Justice and Psychology	3 credits
CRIM 2205	Crime, Criminal Justice, and the Media	3 credits
CRIM 2211	Introduction to Policing	3 credits
CRIM 2213	Women, Girls and Crime	3 credits
CRIM 2214	Corrections: Theory and Practice	3 credits
CRIM 2249	Youth Justice	3 credits

### GROUP C

Select any two undergraduate courses (normally numbered 1100 or higher) in disciplines other than criminology.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Criminology**.

# Criminology: Diploma

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Diploma in Criminology contains a core of method and theory courses that provides a foundation for more advanced study of crime and social responses to crime. Electives reflect the multidisciplinary nature of criminology. The required courses and electives afford students of criminology an opportunity to develop abstract logical thinking and critical understanding of the issues, arguments, and debates that shape the discipline's character and aims.

## CAREER OPPORTUNITIES

Graduates of the Diploma in Criminology program are employed in nearly every aspect of the justice system. Graduates may also continue their education in criminology, social work, and social and behavioural sciences.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Students are required to complete 60 credits at the 1000 and 2000 level, according to the following program requirements:

### GROUP A (all courses required)

CRIM 1100	Introduction to Criminology	3 credits
CRIM 1101	Introduction to the Criminal Justice System	3 credits
CRIM 1107	Canadian Legal Systems	3 credits
CRIM 1207	Introduction to Criminal Law	3 credits
CRIM 1208	Methods of Research in Criminology	3 credits
CRIM 2103	Quantitative Data Analysis I	3 credits

CRIM 2330	Psychological Explanations of Criminal Behaviour	3 credits
CRIM 2331	Sociological Explanations of Criminal Behaviour	3 credits
CRIM 2341	Canadian Criminal Justice Administration	3 credits

#### GROUP B (all courses required)

PSYC 1100	Introduction to Psychology: Basic Processes	3 credits
PSYC 1200	Introduction to Psychology: Areas and Applications	3 credits
SOCI 1125	Introduction to Society: Processes and Structures	3 credits

#### GROUP C (one of the following is required)

PHIL 1100	Introduction to Philosophy	3 credits
PHIL 1110	Confronting Moral Issues: Introduction to Ethics	3 credits
PHIL 1145	Critical Thinking	3 credits
PHIL 1150	Introduction to Formal Logic	3 credits

#### GROUP D (one of the following is required)

ANTH 1100	Social & Cultural Anthropology	3 credits
CRIM 2211	Introduction to Policing	3 credits
CRIM 2214	Corrections: Theory and Practice	3 credits
ECON 1101	Foundation of Economics	3 credits
ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
HIST 1113	Canada to 1867	3 credits
HIST 1114	Canada since 1867	3 credits
HIST 1121	Europe since 1939	3 credits
HUMN 1100	Analytical Approaches to Western Humanism (discontinued May 2009)	3 credits
POLI 1120	Canadian Government and Politics	3 credits
POLI 1125	Introduction to Political Science	3 credits

#### GROUP E (two of the following are required)

ANTH 1217	Forensic Anthropology	3 credits
ANTH 2140	First Nations Cultures of BC	3 credits
CRIM 2213	Women, Girls and Crime	3 credits
CRIM 2311	Police Administration and Management	3 credits
CPSC 1100	Introduction to Computer Literacy	3 credits
CPSC 1103	Introduction to Computer Programming I	3 credits

HIST 2305	British Columbia (discontinued January 2007)	3 credits
PSYC 2315	Brain and Behaviour	3 credits
PSYC 2320	Developmental Psychology: Childhood	3 credits
PSYC 2321	Developmental Psychology: Adolescence	3 credits

Any English literature course

Any university studies course in French

Any 1200-level or higher Sociology course

Any 3-credit university studies course in the sciences

#### GROUP F (any four of the following are required)

ANTH 1200	Biological Anthropology	3 credits
ANTH 2142	First Nations Cultures of Canada	3 credits
CRIM 1203	Community Policing (discontinued January 2011)	3 credits
CRIM 2204	Criminal Justice and Psychology	3 credits
CRIM 2205	Crime, Criminal Justice, and the Media	3 credits
CRIM 2249	Youth Justice	3 credits
CRIM 2304	Current Issues in Correctional Practice (discontinued January 2011)	3 credits
CRIM 2355	Police Deviance and Accountability	3 credits
HIST 2119	Europe 1789 to 1914	3 credits
HIST 2312	Quebec in Canada (discontinued January 2009)	3 credits
POLI 1110	Ideology and Politics	3 credits
PSYC 2330	Social Psychology	3 credits
PSYC 2350	Psychopathology	3 credits
PSYC 2370	Psychology of Personality	3 credits
PSYC 2400	Experimental Psychology: Research Methodology	3 credits

Any 2300-level Sociology course

## OTHER INFORMATION

Students planning to apply to the Bachelor of Arts in Community Criminal Justice or the Bachelor of Arts, Criminology Major or Minor at Kwantlen should meet with an Educational Advisor to discuss elective courses that meet admission requirements. Students planning to transfer to another institution are responsible for ensuring that their courses are transferrable and meet the institution's program requirements.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in Criminology**.

# Geography: Associate of Arts Degree

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Associate of Arts degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of Geography.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Arts Degree, students must complete at least 60 credits with a minimum grade of C in each course including all of the following:

### All of:

GEOG 1101	Introduction to Geography	3 credits
GEOG 1110	Introduction to the Atmosphere	3 credits
GEOG 1120	Introduction to Earth Science	3 credits
GEOG 2390	Geographic Information and Data Analysis	3 credits
GEOG 2400	Introduction to (GIS)	3 credits

### One of:

GEOG 2120	Economic Geography	3 credits
GEOG 2130	Social and Cultural Geography	3 credits
GEOG 2250	Urban Geography	3 credits

### One of:

GEOG 2310	Climatology	3 credits
GEOG 2320	Geomorphology	3 credits
GEOG 2330	Introduction to Hydrology	3 credits
GEOG 2340	Biogeography	3 credits

### And one of:

GEOG 1160	Regional Geography of British Columbia	3 credits
GEOG 2140	Regional Geography of Canada	3 credits
GEOG 2170	Regional Geography of Europe	3 credits
GEOG 2185	Regional Geography of East Asia	3 credits
GEOG 2190	Regional Geography of South Asia	3 credits

**Note:** Students transferring to UBC may be required to complete GEOG 2140 instead of GEOG 2120.

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Arts degree in Geography**.

# Geography: Bachelor of Arts Minor

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Minor in Geography aims to provide a coherent focus on the interconnection between the social world and the natural world.

In the first two years of the program, students take courses that introduce the main sub-fields in human and physical geography, a course in data analysis or GIS (Geographical Information Systems) and a course in regional geography. There are requirements for courses in English, in other disciplines and quantitative courses.

At the end of year two, students who have completed the appropriate courses will qualify for an Associate of Arts or Associate of Science in Geography. The end of year two is when most students officially declare their minor in geography at Kwantlen in order to pursue years three and four of Kwantlen's BA programs. Students may also transfer into the third year of a BA or BSc major in geography at other universities.

In year three of the BA Minor in Geography, courses focus on the integration of physical and human geography, further sub-areas of human geography, and in research methods or geographic theory. Year four entails more advanced courses in applied geography, and the courses in methods or theory not taken in year three. Students may also choose to undertake a Senior Project.

## CAREER OPPORTUNITIES

Studying geography can lead to a wide range of careers in fields like urban and regional planning, geotechnical engineering, retail market planning, environmental consulting, meteorology, First Nations governance, Geographical Information Systems (GIS) and international development. Geography also provides a versatile background for professional programs like teaching, law, engineering and business.

The BA minor in Geography at Kwantlen is most likely to be paired with a minor in areas like History, Sociology, English and Mathematics. Such combinations may lead towards a geography-related career, a teaching degree or an advanced degree

program. Other fruitful pairings would be with disciplines that also employ GIS, such as Anthropology, Business and Criminology.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

### Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

# CONTENT

Students pursuing a Bachelor of Arts degree must complete all requirements in the Bachelor of Arts framework in addition to their major or minor program requirements. Completing the BA Minor entails additional courses in other disciplines, quantitative courses and evidence of language proficiency. Of the 120 credits required, 45 credits must be in upper level courses.

## Geography Minor

### 1000 LEVEL

**Students are required to complete the following three geography courses:**

GEOG 1101	Introduction to Geography	3 credits
GEOG 1110	Introduction to the Atmosphere	3 credits
GEOG 1120	Introduction to Earth Science	3 credits

**Other geography courses can be taken as electives:**

GEOG 1130	Human Impacts on Canadian Environments	3 credits
GEOL 1210	Our Changing Earth	3 credits

### 2000 LEVEL

**Students are required to complete one course from each of the following categories:**

#### Human Geography

GEOG 2120	Economic Geography	3 credits
GEOG 2130	Social and Cultural Geography	3 credits
GEOG 2250	Urban Geography	3 credits

#### Physical Geography:

GEOG 2310	Climatology	3 credits
GEOG 2320	Geomorphology	3 credits
GEOG 2330	Introduction to Hydrology	3 credits
GEOG 2340	Biogeography	3 credits

#### Analytical Techniques:

GEOG 2390	Geographic Information and Data Analysis	3 credits
GEOG 2400	Introduction to GIS	3 credits

#### Regional geography:

GEOG 1160	Regional Geography of BC	3 credits
GEOG 2140	Regional Geography of Canada	3 credits
GEOG 2185	Regional Geography of East Asia	3 credits
GEOG 2190	Regional Geography of South Asia	3 credits
GEOG 2170	Regional Geography of Europe	3 credits

**Other geography courses can be taken as electives:**

GEOG 2395	Cartographic Techniques	3 credits
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### 3000 AND 4000 LEVEL

**Students are required to complete 15 credits at the 3000 and 4000 level according to the following:**

#### One of Geographic Theory and Methods:

GEOG 3100	Research Methods in Human Geography.	3 credits
GEOG 3260	Geographic Theory	3 credits

#### One of Further Human Geography Specializations:

GEOG 3210	Geography of Cultures	3 credits
GEOG 3220	Political Geography	3 credits
GEOG 3240	Development and Globalization	3 credits

#### Two of Integration of Human and Physical Geography:

GEOG 3310	Natural Hazards	3 credits
GEOG 3320	Resource Management	3 credits
GEOG 4350	Global Climate Change	3 credits
GEOG 4380	Applications in GIS	3 credits

#### One of Further and Advanced Topics:

GEOG 4501	Special Topics in Geography	3 credits
GEOG 4599	Directed Studies	3 credits

## GRADUATION

Upon successful completion of the minor program, students are eligible to receive a **Minor in Geography** as part of a Bachelor of Arts program.

# History: Associate of Arts Degree

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

HIST 1151	Introduction to Modern East Asia	3 credits
HIST 2101	Europe in the Middle Ages	3 credits
HIST 2102	Europe 1450-1789	3 credits
HIST 2119	Europe 1789-1914	3 credits

**A minimum of 9 credits chosen from History courses numbered at the 2300 level or higher.\***

**\*Note:** It is recommended that students who plan to continue to a degree program in history take a broad range of history courses during their Associate of Arts degree. Students will have ample time to specialize in particular global regions, or thematic concerns as they continue into upper division history courses. Students should establish a broad base of knowledge with their introductory courses.

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Arts Degree in History**.

## DESCRIPTION

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of History.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Arts Degree, students must complete at least 60 credits with a minimum grade of C in each course and meet the following requirements:

**A minimum of 12 credits chosen from any of the following core courses:**

HIST 1113	Canada to 1867	3 credits
HIST 1114	Canada since 1867	3 credits
HIST 1120	Europe 1900 - 1939	3 credits
HIST 1121	Europe since 1939	3 credits
HIST 1130	Twentieth Century World 1900 to 1945	3 credits
HIST 1131	Twentieth Century World 1945 to 2000	3 credits
HIST 1145	American History 1607-1865	3 credits
HIST 1146	American History 1865 -1974	3 credits
HIST 1150	Introduction to Traditional East Asia	3 credits



# History: Bachelor of Arts Major and Minor

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Bachelor of Arts, Major in History, provides students with the opportunity to study in-depth the many peoples and cultures whose contributions have created the world in which we live today. The degree allows students to develop the knowledge, core competencies, and skills characteristic of a traditional BA program, while preparing them to respond creatively and innovatively to a range of challenges in our community and world. Whether they pursue a general History BA, or choose a specialization in either the Asian or Military History streams, the incorporation of essential skills in all courses provides students with the literacy and analytical skills so essential in today's labour market. Students also benefit from our faculty's commitment to teaching excellence, and from the small class sizes at Kwantlen Polytechnic University.

## CAREER OPPORTUNITIES

The versatility of the Bachelor of Arts, Major in History allows students to design their program of study such that it prepares them for careers or further study in areas such as business, community service, law, policing, elementary and secondary education, public history, the military, professional writing, public administration, self-employment, and social work, as well as graduate programs in History. The History BA provides several thematic streams which allow students to enter traditional graduate programs, as well as more specialized programs such as those offered at the University of Victoria, University of British Columbia, University of Toronto, University of Calgary, University of New Brunswick, and the Royal Military College. The Bachelor of Arts, History, also offers students an upper-level capstone course on the applications of history that prepares them for leadership roles in the community and equips them with skills applicable to the fields of teaching, public history, archival work, and research.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

### Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

# CONTENT

History students begin their first year of studies with courses that broadly introduce them to major developments in political and economic history from across the globe, as well as key themes in historical development. In the second year, they progress to more specifically defined regional courses, considering not only economic and political history, but also social and cultural developments. At the third year level, students undertake in-depth studies of particular countries or particular themes in global development, often in a seminar setting. Finally, in fourth year seminars students examine focused subjects again considering all aspects of that particular topic.

Students pursuing a Bachelor of Arts degree must complete all requirements in the Bachelor of Arts framework in addition to their major or minor program requirements.

## History Major

The following major requirements are to be completed for the Bachelor of Arts, Major in History program.

**Students are required to complete 12 credits of lower levels history courses with 6 of these credits at the 2000 level.**

### 1000 Level

HIST 1113	Canada to 1867	3 credits
HIST 1114	Canada since 1867	3 credits
HIST 1120	Europe 1900–1939	3 credits
HIST 1121	Europe since 1939	3 credits
HIST 1130	Twentieth Century World I: 1900–1945	3 credits
HIST 1131	Twentieth Century World II: 1945–2000	3 credits
HIST 1145	American History 1607–1865	3 credits
HIST 1146	American History 1865–1974	3 credits
HIST 1150	Introduction to Traditional East Asia	3 credits
HIST 1151	Introduction to Modern East Asia	3 credits
HIST 1160	Introduction to South Asian History	3 credits
HIST 1170	Introduction to African History	3 credits

### 2000 Level

HIST 2101	Europe in the Middle Ages	3 credits
HIST 2102	Europe 1450–1789	3 credits
HIST 2119	Europe 1789–1914	3 credits
HIST 2300	Introduction to World Civilizations	3 credits
HIST 2301	The Ancient World	3 credits
HIST 2304	Canadian-American Relations	3 credits
HIST 2307	Twentieth Century Britain	3 credits
HIST 2335	War in the Modern World	3 credits

HIST 2350	Late Imperial China	3 credits
HIST 2375	Japan under the Shoguns, 1600 to 1868	3 credits

**Students are required to take 18 credits of history at the 3000 level. Note that courses at the 3000 level might require specific course prerequisites at the 1000 and/or 2000 levels.**

### 3000 Level

HIST 3310	The Fibre of Society: Textile Production and Global Development	3 credits
HIST 3313	Canadian Social History: Order and Disorder	3 credits
HIST 3320	The Balkans from 1543–1918	3 credits
HIST 3327	Russia to 1917	3 credits
HIST 3328	History of the Soviet Union	3 credits
HIST 3330	Germany in the Long Nineteenth Century (1789–1914)	3 credits
HIST 3331	Twentieth Century Germany	3 credits
HIST 3340	Civil War and Reconstruction	3 credits
HIST 3344	Colonial America	3 credits
HIST 3345	The American West	3 credits
HIST 3350	China in the Twentieth Century: Reforms and Revolutions	3 credits
HIST 3360	British India, 1857–1947	3 credits
HIST 3361	The Indian Subcontinent since 1947	3 credits
HIST 3370	Modern Japan	3 credits
HIST 3380	World War II in the Pacific	3 credits
HIST 3390	Canada & World War One	3 credits
HIST 3392	British Home Front during World War II	3 credits
HIST 3397	Guerillas in the Mist: Terrorism in the Twentieth Century	3 credits

**All students are required to take:**

### 4000 Level

HIST 4400	Applications of History	3 credits
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**In addition to HIST 4400, students are required to take at least 9 credits of history at the 4000 level.**

HIST 4407	British Society & Culture, 1900–2000	3 credits
HIST 4420	Europe in the "Age of Dictators"	3 credits
HIST 4430	The Holocaust in History	3 credits
HIST 4435	Genocide in the Twentieth Century	3 credits
HIST 4445	The US since 1945	3 credits

HIST 4450	China & the West	3 credits	HIST 4460	Gandhi in History	3 credits
HIST 4455	Sages and Statecraft in China	3 credits	HIST 4470	Warriors of Japan: The Samurai	3 credits
HIST 4460	Gandhi in History	3 credits	HIST 4480	The Vietnam War in Historical Perspective	3 credits
HIST 4470	Warriors of Japan: The Samurai	3 credits			
HIST 4480	The Vietnam War in Historical Perspective	3 credits			
HIST 4485	The Great Strategists	3 credits			
HIST 4490	History of British Columbia	3 credits			
HIST 4491	Quebec in Canada	3 credits			

## ASIAN HISTORY STREAM

**Students who wish to focus their studies on Asian History are recommended to complete their program requirements using courses from the following:**

### 1000 Level

HIST 1130	Twentieth Century World I: 1900–1945	3 credits
HIST 1131	Twentieth Century World II: 1945-2000	3 credits
HIST 1150	Introduction to Traditional East Asia	3 credits
HIST 1151	Introduction to Modern East Asia	3 credits
HIST 1160	Introduction to South Asian History	3 credits

### 2000 Level

HIST 2300	Introduction to World Civilizations	3 credits
HIST 2350	Late Imperial China	3 credits
HIST 2375	Japan under the Shoguns, 1600 to 1868	3 credits

### 3000 Level

HIST 3350	China in the Twentieth Century: Reforms and Revolutions	3 credits
HIST 3360	British India, 1857–1947	3 credits
HIST 3361	The Indian Subcontinent since 1947	3 credits
HIST 3370	Modern Japan	3 credits
HIST 3380	World War II in the Pacific	3 credits
HIST 3397	Guerillas in the Mist: Terrorism in the Twentieth Century	3 credits

### 4000 Level

HIST 4400	Applications of History (required)	3 credits
HIST 4450	China & the West	3 credits
HIST 4455	Sages and Statecraft in China	3 credits

## MILITARY HISTORY STREAM

**Students who wish to focus their studies on Military History are recommended to complete their program requirements using courses from the following:**

### 1000 Level

HIST 1113	Canada to 1867	3 credits
HIST 1114	Canada since 1867	3 credits
HIST 1120	Europe 1900–1939	3 credits
HIST 1121	Europe since 1939	3 credits
HIST 1130	Twentieth Century World I: 1900–1945	3 credits
HIST 1131	Twentieth Century World II: 1945-2000	3 credits
HIST 1145	American History 1607–1865	3 credits
HIST 1146	American History 1865–1974	3 credits

### 2000 Level

HIST 2335	War in the Modern World	3 credits
HIST 2375	Japan under the Shoguns	3 credits

### 3000 Level

HIST 3340	Civil War and Reconstruction	3 credits
HIST 3380	World War II in the Pacific	3 credits
HIST 3390	Canada & World War One	3 credits
HIST 3392	British Home Front during World War II	3 credits
HIST 3397	Guerillas in the Mist: Terrorism in the Twentieth Century	3 credits

### 4000 Level

HIST 4400	Applications of History (required)	3 credits
HIST 4435	Genocide in the Twentieth Century	3 credits
HIST 4470	Warriors of Japan: The Samurai	3 credits
HIST 4480	The Vietnam War in Historical Perspective	3 credits
HIST 4485	The Great Strategists	3 credits
HIST 4497	Canada and World War II	3 credits

## History Minor

Students are required to complete 12 credits of lower levels history courses with 6 of these credits at the 2000 level.

### 1000 Level

HIST 1113	Canada to 1867	3 credits
HIST 1114	Canada since 1867	3 credits
HIST 1120	Europe 1900–1939	3 credits
HIST 1121	Europe since 1939	3 credits
HIST 1130	Twentieth Century World I: 1900–1945	3 credits
HIST 1131	Twentieth Century World II: 1945-2000	3 credits
HIST 1145	American History 1607–1865	3 credits
HIST 1146	American History 1865–1974	3 credits
HIST 1150	Introduction to Traditional East Asia	3 credits
HIST 1151	Introduction to Modern East Asia	3 credits
HIST 1160	Introduction to South Asian History	3 credits
HIST 1170	Introduction to African History	3 credits

### 2000 Level

HIST 2101	Europe in the Middle Ages	3 credits
HIST 2102	Europe 1450 to 1789	3 credits
HIST 2119	Europe 1789 to 1914	3 credits
HIST 2300	Introduction to World Civilizations	3 credits
HIST 2301	The Ancient World	3 credits
HIST 2304	Canadian-American Relations	3 credits
HIST 2307	Twentieth Century Britain	3 credits
HIST 2335	War in the Modern World	3 credits
HIST 2350	Late Imperial China	3 credits
HIST 2375	Japan under the Shoguns, 1600 to 1868	3 credits

Students are required to take at least 9 credits of history at the 3000 level.

Courses at the 3000 level require specific course prerequisites at the 1000 and 2000 levels.

### 3000 Level

HIST 3310	The Fibre of Society: Textile Production and Global Development	3 credits
HIST 3313	Canadian Social History: Order and Disorder	3 credits
HIST 3320	Balkans from 1543–1918	3 credits
HIST 3327	Russia to 1917	3 credits

HIST 3328	History of the Soviet Union	3 credits
HIST 3330	Germany in the Long Nineteenth Century (1789-1914)	3 credits
HIST 3331	Twentieth Century Germany	3 credits
HIST 3340	Civil War and Reconstruction	3 credits
HIST 3344	Colonial America	3 credits
HIST 3345	The American West	3 credits
HIST 3350	China in the Twentieth Century: Reforms and Revolutions	3 credits
HIST 3360	British India, 1857–1947	3 credits
HIST 3361	The Indian Subcontinent since 1947	3 credits
HIST 3370	Modern Japan	3 credits
HIST 3380	World War II in the Pacific	3 credits
HIST 3390	Canada & World War I	3 credits
HIST 3392	British Home Front during World War II	3 credits
HIST 3397	Guerillas in the Mist: Terrorism in the Twentieth Century	3 credits

Students are required to take at least 6 credits of history at the 4000 level.

### 4000 Level

HIST 1113	Canada to 1867	3 credits
HIST 4400	Applications of History	3 credits
HIST 4407	British Society & Culture: 1900–2000	3 credits
HIST 4420	Europe in the "Age of Dictators"	3 credits
HIST 4430	The Holocaust in History	3 credits
HIST 4435	Genocide in the 20th century	3 credits
HIST 4445	US since 1945	3 credits
HIST 4450	China and the West	3 credits
HIST 4455	Sages and Chinese Statecraft	3 credits
HIST 4460	Gandhi in History	3 credits
HIST 4470	Warriors of Japan: The Samurai	3 credits
HIST 4480	The Vietnam War in Historical Perspective	3 credits
HIST 4485	The Great Strategists	3 credits
HIST 4490	History of British Columbia	3 credits
HIST 4491	Quebec in Canada	3 credits

## GRADUATION

Upon successful completion of the major program, students are eligible to receive a **Bachelor of Arts, Major in History**.

Upon successful completion of the minor program, students are eligible to receive a **Minor in History** as part of a Bachelor of Arts program.

# Journalism: Bachelor of Journalism (also: Honours)

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
Journalism	
kwantlen.ca/socialsciences/journalism	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Journalism program prepares graduates for such positions as multi-media reporters, photojournalists, editors, researchers, and freelance writers. It also gives students valuable transferable skills that can be put to use in many fields of endeavour, including working in a deadline-driven environment, learning how to use social media and journalistic research skills in professional settings, and understanding the many facets of the collection and dissemination of information via the media.

The program is based on academic studies and practical training through seminars, labs and off-campus work experiences. The program features industry-standard software to produce journalism that draws on the full range of multimedia storytelling possibilities, including animation, interactivity, audio and video. Communication Studies courses are also an important part of the program, including exploration of such issues as media law and ethics, media and diversity and media and social change.

Faculty members include award-winning journalists with career experience and academic credentials. Many faculty members continue to work as journalists.

## CAREER OPPORTUNITIES

The Journalism program prepares graduates to:

- Work as multi-media writers, reporters, editors and photojournalists in online and print journalism and related fields
- Work as freelance multi-media writers and/or photojournalists
- Work in media-relations positions in private industry and government

Kwantlen's Journalism program celebrates a high rate of employment for its graduates.

# PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

## Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

## Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## Honours Admission:

High academic standing is required. Interested students should contact the department.

## Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

# CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students

who can demonstrate competency in a second language may request an assessment to have this requirement waived.

# CONTENT

Journalism courses include such subject areas as:

- photojournalism
- multimedia storytelling
- news reporting
- narrative nonfiction
- communication and rights
- citizen journalism
- visual literacy
- media and diversity

During the course of their studies, students will:

- Develop a broad knowledge of multi-media journalism
- Develop critical thinking skills through course work that covers areas such as popular culture, communication theory, and media law and ethics
- Train in specific skill areas, such as photojournalism, multimedia storytelling, news reporting and literary journalism
- Develop appropriate attitudes through exposure to the legal, ethical and societal constraints under which they will be expected to function as journalists or professionals utilizing journalistic skills in other fields
- Develop sound work habits, such as effective time management, teamwork, and setting and meeting objectives

## Journalism Honours

Students who have achieved high academic standing may choose to complete an Honours degree, which includes an Honours Seminar, Directed Study and Thesis. Students will work with a faculty advisor on an intensive research and writing project.

**In addition to the 120 credits required by the Bachelor of Journalism degree program, honours students will need to complete the following additional 9 credits of course work:**

JRNL 4190	Directed Study Honours 1 – Research	3 credits
JRNL 4290	Honours Thesis	3 credits
JRNL 4295	Journalism Honours Seminar	3 credits

**Note:** The Honours degree may not be offered each year.

## Journalism Major

### LOWER LEVEL REQUIREMENTS

**Students must complete the following required courses for the Journalism Major.**

#### 1000 Level

JRNL 1160	Intro to Journalism	3 credits
JRNL 1220	Citizen Journalism	3 credits

#### 2000 Level

JRNL 2120	Storytelling 1	3 credits
JRNL 2230	Multimedia Storytelling	3 credits

**Students must complete a total of 12 credits from the following two areas by selecting two courses from each area:**

**1. Journalism Electives (choose two)**

JRNL 2140	Introduction to News: How We Inform Ourselves	3 credits
JRNL 2240	Beyond the News	3 credits
JRNL 2250	Public Affairs Journalism 1	3 credits

**2. Communication Studies Electives(choose two)**

COMM 1100	Foundations of Communication Studies	3 credits
COMM 1110	TV and Social Change	3 credits
COMM 1200	Visual Literacy	3 credits
COMM 2100	Media Ethics and Law	3 credits
COMM 2210	Mapping Media and Cultural Theory	3 credits
COMM 2220	Communications Rights & Freedoms	3 credits

**UPPER LEVEL REQUIREMENTS**

**Students must complete the following required courses for the Journalism Major:**

**3000 Level**

JRNL 3155	Storytelling 2: Reporting	3 credits
JRNL 3160	Photojournalism	3 credits

**4000 Level**

JRNL 4270	Advanced Storytelling	3 credits
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**Students must complete a total of 21 credits from the following three areas by selecting at least two courses from each area:**

**1. Journalism Electives (choose at least two)**

JRNL 3170	Storytelling 3: Narrative Nonfiction	3 credits
JRNL 3260	Media Economics and Entrepreneurial Journalism	3 credits
JRNL 4160	Journalism Research Methods	3 credits
JRNL 4250	Public Affairs Journalism 2	3 credits

**2. Journalism Electives (choose at least two)**

JRNL 3270	Advanced Photojournalism	3 credits
JRNL 4140	Work Experience II	4.5 credits
JRNL 4240	Social Issues Journalism	3 credits
JRNL 4260	Computer Programming for Journalists	3 credits

**3. Communication Studies Electives (choose at least two)**

COMM 3100	Media and Diversity	3 credits
COMM 3110	News Media and Influence	3 credits
COMM 4210	History of Canadian Journalism	3 credits

## GRADUATION

Upon successful completion of the honours program, students are eligible to receive a **Bachelor of Journalism (Honours)**.

Upon successful completion of the major program, students are eligible to receive a **Bachelor of Journalism**.

# Political Science: Associate of Arts Degree

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of Political Science.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Arts Degree, students must complete at least 60 credits with a minimum grade of C in each course, including the following:

### All of:

POLI 1110	Ideology and Politics	3 credits
POLI 1120	Canadian Government and Politics	3 credits
POLI 1125	Introduction to Political Science	3 credits
POLI 1145	Introduction to Comparative Government and Politics	3 credits
POLI 1150	Introduction to International Relations	3 credits

**And one POLI course numbered 2000 or higher.**

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Arts degree in Political Science**.

# Political Science: Bachelor of Arts Minor

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Students in the Political Science minor will begin their studies with an introductory course that will provide a base of knowledge in a number of areas within the discipline. Early in their studies, students will take a course in research methods to enhance their abilities in that area. Two required courses, one in Canadian government and politics and one in international relations, in the second year will provide students with the basis for further study. Additional credits from the 1000 and 2000 level will enhance students' knowledge in a number of comparative and thematic areas. At the 3000 level, students will be exposed to a detailed examination of various political factors, contexts and phenomena. At the 4000 level, students will study, in a seminar format, areas of enduring importance in the discipline on a thematic basis.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

### Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).



- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## CONTENT

Students pursuing a Bachelor of Arts degree must complete all requirements in the Bachelor of Arts framework in addition to their major or minor program requirements.

### Students are required to complete all of the following courses:

POLI 1120	Canadian Government and Politics	3 credits
POLI 1125	Introduction to Political Science	3 credits
POLI 1150	Introduction to International Relations	3 credits
SOCI 2260	Research Methods in Sociology	3 credits

### In addition, students are required to complete at least one of the following:

POLI 1110	Ideology and Politics	3 credits
POLI 1123	Politics in the City	3 credits
POLI 1145	Introduction to Comparative Government and Politics	3 credits

POLI 2120	Government & Politics of the Prairie Provinces	3 credits
POLI 2121	Law and Politics: The Charter of Rights and Freedoms	3 credits
POLI 2130	International Relations Theory	3 credits
POLI 2131	European Integration	3 credits
POLI 2140	Comparative Politics of Asia	3 credits
POLI 2150	States, Markets, Globalization: International Political Economy	3 credits
POLI 2155	War, Crime, and Violence: Contemporary Political Conflict	3 credits
POLI 2235	British Columbia Government and Politics	3 credits

## Years Three and Four

### Students are required to complete at least five from the following, with at least two each from the 3000 and the 4000 level:

POLI 3100	American Government and Politics	3 credits
POLI 3122	Introduction to Canadian Foreign Policy	3 credits
POLI 3125	Nationalism in Canadian Politics	3 credits
POLI 3145	Borderlands: Trans-border Regions in an Era of Globalization	3 credits
POLI 3146	Government and Politics of India	3 credits
POLI 3147	Foreign Policies of the Major Powers	3 credits
POLI 3150	American Foreign Policy	3 credits
POLI 3160	International Organizations	3 credits
POLI 3170	International Peacekeeping	3 credits
POLI 3240	Chinese Government and Politics	3 credits
POLI 4125	The Politics of Multiculturalism in Canada	3 credits
POLI 4210	Democracy: Classic and Contemporary Debates	3 credits
POLI 4330	International Human Rights	3 credits
POLI 4340	Public International Law	3 credits
POLI 4420	Issues in Public Policy and Administration	3 credits

## GRADUATION

Upon successful completion of the minor program, students are eligible to receive a **Minor in Political Science** as part of a Bachelor of Arts program.

# Psychology - Applied: Bachelor of Science (also: Honours)

<b>Faculty of Social Sciences</b>	
kwantlen.ca/socialsciences	
<b>IMPLEMENTATION DATE</b>	<b>START DATE(S)</b>
01-Sep-2011	September January May
<b>ADMISSION TYPE</b>	<b>ENROLMENT TYPE</b>
Selective entry	Open access
<b>PROGRAM TYPE</b>	<b>CREDENTIAL GRANTED</b>
Undergraduate	Baccalaureate Degree
<b>OFFERED AT</b>	<b>FORMAT</b>
Langley Richmond Surrey	Full-time Part-time
<b>HOW TO APPLY</b>	
www.kwantlen.ca/admission	

## DESCRIPTION

While Bachelor of Science in Psychology degrees have existed at universities since the late 1800s, recent developments have proclaimed that "the psychology of science has arrived" (Journal of Psychology of Science and Technology, 1, 205, 2008). The Bachelor of Science in Applied Psychology is an interdisciplinary program rich in Psychology and Natural Sciences content. It is built primarily upon the attributes that have proven successful in the existing Bachelor of Applied Arts (BAA) and Bachelor of Arts (BA) in Psychology degrees. The foundation of the degree is rooted in Kwantlen's existing two year science curriculum, with an emphasis on Biology and Chemistry, and on core base courses in Psychology.

The degree was developed in close connection with employers in the field and community partners, and has an applied focus that prepares students for employment upon graduation, for research-focused graduate studies, or for entry into professional programs of study. Many courses within this program have a lab component. The program will take a systems/ecological approach, recognizing the interrelationships between humans and their environments, and the ways in which each influences and alters the other.

During the third and fourth year students will take courses across three main topical areas within Psychology: (1) research skills (statistics, program evaluation, qualitative and quantitative research, and tests and measurement); (2) biological psychology (neuroscience, drugs and behaviour, neuropsychology, and learning theory and practice); and (3) health psychology (developmental psychopathology, rehabilitation, clinical intervention, psychopathology, psychology and law, health psychology, and aging). The degree will be embedded throughout with psychological application, including hands-on lab experience and courses focusing on human interaction with (and use of) modern technology, ethics, professional business practices, and technical writing. Students will be required to participate in a workplace practicum co-supervised by faculty and employers. The Bachelor of Science in Applied Psychology degree

provides innovative academic rigor encompassing exploration, inclusiveness, excellence, integrity, community, and accountability with clear employment outcomes. An existing Honours program in Psychology would be utilized to prepare interested students for research-focused graduate studies.

Students interested in applying to graduate school or who prefer a more extensive research experience are encouraged to apply to the Honours program. The Honours program affords students an opportunity to develop and report on a research project under the direct supervision of a faculty member within the Psychology Department.

## CAREER OPPORTUNITIES

While taking the program, students will be required to participate in a workplace practicum co-supervised by faculty and community employers. They will have the opportunity to test their skills and knowledge in specific contexts, to observe the relationships between specific disciplinary techniques, and to appreciate the complexities of technical and human interactions. They will see, first hand, that no single method is sufficient, no single discipline capable of interpreting and responding to modern individual, community and workplace challenges. The shared responsibility for the practicum taken by academic and community sponsors will provide a powerful balance between classroom and workplace learning, deepening both.

A student who successfully completes the B.Sc. in Applied Psychology, will have reliably demonstrated the ability to:

- critically examine the research literature
- contribute effectively to a seminar discussion
- deliver a presentation based on primary source research
- communicate ideas effectively in writing and in oral form
- critically evaluate primary and secondary source material
- develop a research program
- apply skills in a relevant work setting
- demonstrate solid ethical decision making both in research and practice
- work within an interdisciplinary framework
- demonstrate comprehensive and critical understanding of statistical and methodological approaches to scientific enquiry
- demonstrate a working knowledge of various scientific technologies and techniques

The degree was developed in close collaboration with industry/employers to ensure positive outcomes and maximum opportunities. Graduates of this degree could therefore find employment in areas such as vocational rehabilitation, mental health services, gerontology, neuropsychological testing, forensics, disability services, software usability research, research and design, pharmaceutical companies, and child care consultancy. They would also be well prepared for researched focused graduate studies in neuroscience, psychology, counseling, public policy, kinesiology, and special education, and post-graduate programs in physiotherapy and occupational therapy.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply.

## Year One Admission:

- English 12 with a minimum grade of B (or equivalent)
- Principles of Mathematics 12 with a minimum grade of C+ (or equivalent)
- Principles of Physics 12 with a minimum grade of P (or equivalent)
- Chemistry 12 with a minimum grade of C+ (or equivalent)

## Year Three Admission:

Students can enter the program in third year, provided they have completed all required courses with a cumulative GPA of 2.7 or higher and a C or higher in Psychology 2300 and 2400 (or equivalent transfer credits). Students are advised to consider prerequisites for 3rd and 4th year courses when applying for entry into the 3rd year of the program.

A student who has completed courses at another post-secondary institution may request that these credits be transferred to Kwantlen Polytechnic University. Transfer students may be admitted to the program, space permitting, at any point up to the seventh semester. This structure follows the approved B.Sc. framework in place at Kwantlen Polytechnic University with respect to both minimum academic standards to progress in the program, as well as entrance requirements.

## Honours Admission:

In order to be admitted to the Honours program students are expected to achieve and maintain a cumulative GPA of 3.3 and to obtain a 'B+' grade in both PSYC 3300 and 3400. Students must also obtain endorsement from a faculty member who will serve as their thesis advisor, and be recommended by the Psychology Honours selection committee. Selections are made in May for the following September.

A limited number of seats are available each year for Honours students. Interested students can obtain a program application form from the Psychology Department during or after their third year.

- o English 12 with a minimum grade of B (or equivalent)
- o Principles of Mathematics 12 with a minimum grade of C+ (or equivalent)
- o Principles of Physics 12 with a minimum grade of P (or equivalent)
- o Chemistry 12 with a minimum grade of C+ (or equivalent)

## CONTENT

The learning environment and methodologies will utilize all current andragogical techniques that enhance student learning. Faculty will adopt approaches that provide students with a participatory and collaborative learning environment that merges theory and research with experiential participation. These approaches include traditional classroom instruction, computer simulations and experiential web materials, small seminar groups, field trips to research facilities and medical units where appropriate and “hands-on” training and experience with industry/academic-specific methodological techniques. Faculty-supervised independent and/or collaborative student research will also be a key component of study in several courses with particular emphasis on in-depth research, both qualitative and quantitative, in both the practicum and Honours program courses.

Methodologies will be specifically aimed at enhancing student success in identified learning outcomes. Common themes to

these outcomes beyond the knowledge-based aspects of the curriculum will be critical thinking, analytical skills, team building, communication skills and employability skills, as well as the ability to move beyond theoretical constructs to operationalization for the purpose of problem identification and problem solving. The goal will be the development of well-educated, critically aware and articulate graduates who demonstrate a thorough understanding of current issues, theory and research in the psychological sciences.

Anecdotal evidence suggests that many students are dissatisfied with traditional science offerings that are perceived as leading only to graduate studies or specialized professions. In addition to preparing students for more traditional pursuits, the B.Sc. in Applied Psychology degree offers job-focused, job-ready, innovated learning that prepares students for new types of positions in the science, health and pharmaceutical industries, and for constant change in today's workplace.

## Applied Psychology Honours

The following are the requirements for the Bachelor of Science in Applied Psychology Honours program.

The Honours program consists of two 6 credit thesis courses (PSYC 5002 and PSYC 5010 ) that are offered in September and January respectively. For the BSc in Applied Psychology, these courses can be taken within the 120 credits required for degree completion.

### Students choosing the Honours degree, must take the following in lieu of 2 electives:

PSYC 5002	Honours Thesis I (BSc)	6 credits
PSYC 5010	Honours Thesis II	6 credits

## Applied Psychology Degree

### CORE REQUIREMENTS

The following core requirements are to be completed for the Bachelor of Science in Applied Psychology:

- A minimum 120 credits and a minimum of 40 courses total at the post-secondary level
- A minimum 6 credits writing requirement
  - ENGL 1100 and CMNS 3100
- A minimum 6 credits mathematics, at least 3 credits of which are statistics
  - MATH 1130 (or MATH 1120)
  - MATH 1230 (or MATH 1220)
  - PSYC 2300
- A minimum 72 science credits including at least 36 credits at the 3000 and 4000 level. Included in this are required courses in biology, chemistry, psychology and physics outlined below.
- A minimum 24 credits general education requirement, including at least 3 credits at the upper level
- A passing grade in all courses counting towards the Bachelor of Science, with a cumulative GPA of 2.0 or higher
- A minimum 60 credits taken at Kwantlen Polytechnic University, or approval to transfer a maximum of 90 credits.

### YEAR ONE REQUIREMENTS

#### All of:

BIOL 1110	Introductory Biology I	4 credits
BIOL 1210	Introductory Biology II	4 credits

CHEM 1110	The Structure of Matter	4 credits
CHEM 1210	Chemical Energetics and Dynamics	4 credits
ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
PHYS 1101	Physics for Life Sciences I	4 credits
PSYC 1100	Introduction to Psychology: Basic Processes	3 credits
PSYC 1200	Introduction to Psychology: Areas and Applications	3 credits

**One of:**

MATH 1120	Differential Calculus	3 credits
MATH 1130	Calculus for Life Sciences I (recommended)	3 credits

**One of:**

MATH 1220	Integral Calculus	3 credits
MATH 1230	Calculus for Life Sciences II (recommended)	3 credits

**YEAR TWO REQUIREMENTS**

**All of:**

BIOL 2321	Cell Biology	4 credits
CHEM 2320	Organic Chemistry I	4 credits
PSYC 2300	Applied Statistics	3 credits
PSYC 2315	Brain and Behaviour	3 credits
PSYC 2375	Perception	3 credits
PSYC 2385	Cognition	3 credits
PSYC 2400	Experimental Psychology: Research Methodology	3 credits

**One of:**

BIOL 2320	Genetics	4 credits
BIOL 2421	Cellular Biochemistry	3 credits

**Two of three electives chosen from:**

**One of:**

PSYC 2320	Developmental Psychology: Childhood	3 credits
PSYC 2321	Developmental Psychology: Adolescence	3 credits
PSYC 2322	Developmental Psychology: Adulthood	3 credits

**Or:**

PSYC 2330	Social Psychology	3 credits
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**Or:**

PSYC 2350	Psychopathology	3 credits
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**YEAR THREE AND FOUR REQUIREMENTS**

**All of:**

CMNS 3100	Technical Report Writing	3 credits
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PSYC 4000	Practicum	3 credits
PSYC 4800	Professional & Ethical Issues	3 credits

**Two of:**

**Research Psychology**

PSYC 3300	Applied Statistics II	3 credits
PSYC 3400	Applied Research I	3 credits
PSYC 3960	Program Evaluation	3 credits
PSYC 4100	Tests and Measurement	3 credits
PSYC 4400	Research Methods II: Qualitative Methodologies	3 credits

**Two of:**

**Biological Psychology**

PSYC 3303	Learning: Theory and Practice	3 credits
PSYC 3320	Drugs and Behaviour	3 credits
PSYC 3910	Neuropsychology	3 credits
PSYC 4315	Neuroscience	3 credits

**Two of:**

**Health and Clinical Psychology**

PSYC 3350	Advanced Topics in Psychopathology	3 credits
PSYC 3450	Clinical Psychology: Intervention	3 credits
PSYC 3451	Psychology and Law	3 credits
PSYC 3600	Health Psychology	3 credits
PSYC 3920	Aging	3 credits
PSYC 4350	Developmental Psychopathology	3 credits
PSYC 4910	Rehabilitation	3 credits

**Two of:**

**Applied Psychology**

PSYC 3200	Industrial and Organizational Psychology	3 credits
PSYC 3220	Group Dynamics	3 credits
PSYC 3500	Interpersonal Relations I	3 credits
PSYC 3930	Consumer Psychology - Research & Applications	3 credits
PSYC 4200	Human Factors & Ergonomics	3 credits
PSYC 4920	Human Factors and Computer Interface Design	3 credits

**One of:**

**Culture and Diversity**

PSYC 4700	Culture and Psychology	3 credits
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Any other cultural course at Kwantlen

### Any 8 Electives\*

Suggest some be 2nd or 3rd year science and/or mathematics

Must have at least 24 general education (breadth) credits

## GRADUATION

Upon successful completion of the honours program, students are eligible to receive a **Bachelor of Science in Applied Psychology (Honours)**.

Upon successful completion of the degree program, students are eligible to receive a **Bachelor of Science in Applied Psychology**.

# Psychology: Associate of Arts Degree

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of Psychology.

Students with an Associate of Arts Degree in Psychology who are interested in continuing their degree studies at Kwantlen can apply for the Bachelor of Applied Arts, Psychology degree or a Bachelor of Arts, Major in Psychology degree, or Minor in Psychology when combined with another BA program. Admission to these programs requires specific courses and GPA. For more information, please see the BA Major or Minor in Psychology and BAA Psychology program descriptions.

Information on the Bachelor of Science, Major in Applied Psychology can be found here.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Arts Degree, students must complete at least 60 credits with a minimum grade of C in each course, including the following:

### 1. All of:

PSYC 1100	Introduction to Psychology: Basic Processes	3 credits
PSYC 1200	Introduction to Psychology: Areas and Applications	3 credits

### 2. At least one of:

PSYC 2315	Brain and Behaviour	3 credits
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PSYC 2385 Cognition 3 credits

**3. At least one of:**

PSYC 2320 Developmental Psychology: Childhood 3 credits

PSYC 2330 Social Psychology 3 credits

PSYC 2350 Psychopathology 3 credits

PSYC 2370 Psychology of Personality 3 credits

**4. Two of:**

PSYC 2300 Applied Statistics 3 credits

PSYC 2308 History and Systems of Contemporary Psychology 3 credits

PSYC 2321 Developmental Psychology: Adolescence 3 credits

PSYC 2322 Developmental Psychology: Adulthood 3 credits

PSYC 2375 Perception 3 credits

PSYC 2400 Experimental Psychology: Research Methodology 3 credits

PSYC 2450 Clinical Psychology: Psychotherapy 3 credits

PSYC 3307 Historical and Philosophical Foundations of Psychology 3 credits

Or any additional PSYC course listed in section 2 or 3 above that have not been taken previously. 3 credits

**GRADUATION**

Upon successful completion of this program, students are eligible to receive an **Associate of Arts degree in Psychology**.

**Psychology: Bachelor of Applied Arts (also: Honours)**

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

**DESCRIPTION**

The Bachelor of Applied Arts in Psychology is designed to prepare graduates with a knowledge base and skill set in the behavioural sciences that are much needed in a wide variety of workplace and community settings. Graduates will be prepared for employment in many types of today's government and private sector jobs. Students completing the separate Honours program will also be well prepared for further study at the graduate level.

Students can study either part-time or full-time (3-5 courses per semester), though part-time seats may be limited. Full-time study is demanding. Please note, though students are able to study part-time, this does not mean that all courses are offered in evenings or on weekends to accommodate those who may have full-time day jobs.

Years one and two of the program consist of the Associate of Arts degree, or its equivalent, with a specialization in psychology (see Associate of Arts program for requirements). In these first two years, students take courses in the humanities, social, and physical sciences. These courses establish foundations of knowledge in psychology as well as a broader liberal education, and promote development of skills and abilities essential for academic success.

Years three and four concentrate on applications of psychology to modern community and workplace settings. Required courses provide students with general, transferable workplace skills, as well as specific knowledge and skills used in a variety of public and private sector jobs. Electives provide further training in additional areas selected by the student.

Students will participate in a workplace practicum coordinated by Kwantlen and co-supervised by faculty and employers in relevant fields of employment. This practicum placement will assist students in gaining workplace experience and in meeting potential future employers. The practicum may be completed in the summer after the third or fourth year (following completion of PSYC 4400; PSYC 4800 is a recommended prerequisite as well).

Students interested in further study and graduate school or who prefer more extensive research experience are advised to augment their knowledge and skills by taking the Honours

program. The Honours program affords students an opportunity to develop and report on a research project under the direct supervision of a faculty member within the Psychology Department.

This involves taking two six credit courses in addition to the 120 credits required for the basic four-year degree. The two honours courses are PSYC 5000 (Honours Thesis I) and PSYC 5010 (Honours Thesis II). The Honours program can be taken during or after the fourth year. It can also be taken subsequent to completion of the required 120 credits for the BA in Psychology degree.

## CAREER OPPORTUNITIES

The Bachelor of Applied Arts in Psychology was developed in consultation with employers throughout the Lower Mainland of British Columbia. Although there are no guaranteed jobs, these employers indicated that graduates of the BAA (Psychology) program are qualified for positions such as program evaluators, research analysts, project consultants, human resources advisors, and health planning consultants. Past graduates have found employment in such areas as health research, human resources, market research, psychological testing and crisis services, product usability research, autism intervention, and corrections. Students in the program should consult with the BA advisor to select courses best suited to their career objectives.

## PROGRAM ADMISSION REQUIREMENTS

### Third Year Admission:

For admission to the Bachelor of Applied Arts in Psychology, students must have a completed Associate of Arts in Psychology (or equivalent) with a cumulative grade point average (CGPA) of 3.0 and the following courses:

- PSYC 2300 (Applied Statistics) with a grade of at least 'B' (3.0)
- PSYC 2400 (Experimental Psychology: Research Methodology) with a grade of at least 'B' (3.0)
- PSYC 2330 (Social Psychology)
- PSYC 2385 (Cognition)

Students should apply on the condition that they will have completed their Associate of Arts in Psychology by the semester prior to entering the program. In addition to Kwantlen's standard application start date, students will be considered for admission based on the date their application is submitted.

**Note:** Where space permits students with less than a 3.0 CGPA (but not less than 2.67) may be considered on a case by case basis for admission. Students who are near completion of their Associate of Arts in Psychology and have a grade of 'B' in PSYC 2300 or PSYC 2400 may be considered for admission.

### Honours Admission:

In order to be admitted to the Honours program students are expected to achieve and maintain a cumulative GPA of 3.3 and to obtain a 'B+' grade in all of PSYC 3300, 3400 and 4400. Students must also obtain endorsement from a faculty member who will serve as their thesis advisor, and be recommended by the Psychology Honours selection committee.

A limited number of seats are available each year for Honours students. Interested students can obtain a program application

form from the Psychology Department during or after their third year.

## CONTENT

### Applied Psychology Honours

The Honours program consists of two 6 credit thesis courses (PSYC 5000 and PSYC 5010) that are offered in September and January respectively. For the BAA, PSYC 5000 and 5010 must be taken in addition to the 120 credits required for degree completion. Students should at most submit their application to the Honours program two semesters ahead (by December 31st.). Selections are made in May for the following September.

### Applied Psychology Degree

The Bachelor of Applied Arts in Psychology requires 120 credits of post-secondary studies. An additional 12 credits are required for the Honours program. The initial two years consist of 60 credit hours based upon completion of the Associate of Arts Degree (or equivalent) in Psychology.

In the third and fourth year, students must complete 60 credits. Thirty-nine credits are third and fourth year required courses. Twelve credits are third and fourth year BAA Psychology electives. The remaining nine credits can be taken from any program and any year, though students are advised to consult with the BA advisor to confirm that their liberal education requirements are met.

Students are normally expected to complete at least 60 credits at Kwantlen Polytechnic University for a B.A. Degree; however, they may apply for an exemption to this ruling on an individual basis. If such an exemption is granted, then residency may be limited to no fewer than 30 credits. In any case, at least 50% of the required upper level credits within the subject area must be completed at Kwantlen.

To meet all the degree requirements, students must successfully complete the Associate of Arts Degree in Psychology (or equivalent) and the following courses and electives:

#### Required Courses

CMNS 3100	Technical Report Writing	3 credits
PSYC 3200	Industrial and Organizational Psychology	3 credits
PSYC 3300	Applied Statistics II	3 credits
PSYC 3400	Applied Research I	3 credits
PSYC 3500	Interpersonal Relations I	3 credits
PSYC 3600	Health Psychology	3 credits
PSYC 4000	Practicum*	3 credits
PSYC 4100	Tests and Measurement	3 credits
PSYC 4200	Human Factors and Ergonomics	3 credits
PSYC 4400	Applied Research II	3 credits
PSYC 4500	Interpersonal Relations II	3 credits
PSYC 4700	Cultural Psychology	3 credits
PSYC 4800	Professional and Ethical Issues	3 credits

\* **Note:** The practicum PSYC 4000 can be incorporated into any semester, but is highly encouraged during the summer semester,

after completion of Year 3. PSYC 4400 is the pre-requisite for the practicum and PSYC 4800 is recommended.

### BAA Psychology Electives

Students must complete at least four 3-credit electives (for a total of 12 credits). Three electives must be from the following list. The fourth elective can be any 3000 or 4000 level course offered by the Psychology Department.

PSYC 3910	Neuropsychology	3 credits
PSYC 3920	Aging	3 credits
PSYC 3930	Consumer Psychology – Research & Applications	3 credits
PSYC 3940	Adult Education	3 credits
PSYC 3950	Cognitive Ergonomics	3 credits
PSYC 3960	Program Evaluation	3 credits
PSYC 3970	Community Psychology	3 credits
PSYC 4910	Rehabilitation Psychology	3 credits
PSYC 4920	Human Factors and Computer Interface Design (cross listed with Info 4210)	3 credits

### Liberal Education Electives:

The following liberal education requirements need to be completed by graduation. Most liberal education requirements are fulfilled as part of the regular course work for the AA and BAA, however students are strongly advised to consult with the BA advisor when planning their courses.

- 3 credits of first year English (part of the Associate of Arts)
- 6 credits of liberal education courses from within or outside the core discipline, three credits of which must be 3000 or 4000 level
- 9 credits of approved liberal education courses from outside the core discipline (please see list of approved Bachelor of Applied Arts in Psychology Liberal Education electives).

## GRADUATION

Upon successful completion of the honours program, students are eligible to receive a **Bachelor of Applied Arts in Psychology (Honours)**.

Upon successful completion of the major program, students are eligible to receive a **Bachelor of Applied Arts in Psychology**.

# Psychology: Bachelor of Arts Honours, Major, and Minor

Faculty of Social Sciences	
<a href="http://kwantlen.ca/socialsciences">kwantlen.ca/socialsciences</a>	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

Distinct from the more specialized Bachelor of Applied Arts in Psychology which focuses on applied skills and research in the context of the workplace and community service, the Bachelor of Arts Major in Psychology is a more traditional degree focusing on core areas in psychology including biopsychology, cognitive psychology, developmental psychology, social/personality psychology and clinical/abnormal psychology. Students will have some flexibility to focus their studies in key areas of interest.

Those interested in further study and graduate school or who prefer more extensive research experience may augment their knowledge and skills by taking a separate one year research-focused Honours program in Psychology. The Honours program affords students an opportunity to develop and report on a research project under the direct supervision of a faculty member within the Psychology Department. The Honours program requires 12 credits in addition to the 120 required for a four-year Bachelor degree.

### KEY FEATURES OF THE PROGRAM INCLUDE:

- The development of knowledge, core competencies, and skills characteristic of Bachelor of Arts programs in Psychology
- Incorporation of critical thinking skills into all psychology courses
- The opportunity of pursuing graduate studies in psychology by taking the Honours program
- Highly qualified, innovative faculty
- The opportunity to complete a Bachelor of Arts degree at Kwantlen where there is established emphasis on teaching, emerging emphasis on undergraduate research, long-standing connections to South Fraser communities, and accessibility for students in the expanding South Fraser region.



## CAREER OPPORTUNITIES

Although a BA in Psychology does not prepare graduates for specific occupations, the value of this degree has been documented many times and BA Psychology graduates can be found working in a variety of roles such as: group home coordinator, behaviour analyst, residential youth counselor, loans officer, and customer relations representative, to list but a few examples.

Careers in psychology generally require further study at the graduate level and to this end, the Honours program is available to students interested in pursuing graduate degrees.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

### Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

### Honours Admission:

In order to be admitted to the Honours program students are expected to achieve and maintain a cumulative GPA of 3.3 and to obtain a 'B+' grade in both PSYC 3300 and 3400. Students must also obtain endorsement from a faculty member who will serve as their thesis advisor, and be recommended by the Psychology Honours selection committee. Selections are made in May for the following September.

A limited number of seats are available each year for Honours students. Interested students can obtain a program application form from the Psychology Department during or after their third year of the degree.

### Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of

Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## CONTENT

### Psychology Honours

In addition to the 120 credits required by the Bachelor of Arts, Major in Psychology degree (below), The Honours program consists of two 6 credit thesis courses (PSYC 5001 and PSYC 5010) that are offered in September and January respectively. For the BA, PSYC 5001 and 5010 must be taken in addition to the 120 credits required for degree completion.

**Students must complete the following 2 courses in addition to their 120 credit degree requirement:**

PSYC 5001	Honours Thesis I (BA)	6 credits
PSYC 5010	Honours Thesis II	6 credits

### Psychology Major

Students must complete the following requirements for the Psychology Major.

#### 1000 AND 2000 LEVEL

**Students must complete the following requirements for the Psychology Major:**

PSYC 1100	Introduction to Psychology: Basic Processes	3 credits
PSYC 1200	Introduction to Psychology: Areas and Applications	3 credits
PSYC 2300	Applied Statistics	3 credits
PSYC 2400	Experimental Psychology: Research Methodology	3 credits
PSYC 2315	Brain and Behaviour	3 credits
PSYC 2385	Cognition	3 credits

**And at least two (2) courses from the following list:**

PSYC 2308	History & Systems of Contemporary Psychology	3 credits
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PSYC 2320	Developmental Psychology: Childhood*	3 credits
PSYC 2321	Developmental Psychology: Adolescence*	3 credits
PSYC 2322	Developmental Psychology: Adulthood*	3 credits
PSYC 2330	Social Psychology	3 credits
PSYC 2350	Psychopathology	3 credits

\* **Note:** Students may not take more than one of PSYC 2320, 2321, or 2322 towards this requirement. Students who complete more than one of PSYC 2320, 2321 and 2322 may use the additional course(s) as part of their electives that count towards 120 credits for BA degree completion.

### 3000 AND 4000 LEVEL

**Students must take a minimum of 30 credits of 3000 and 4000 level psychology courses. This must include at least ONE course from each of the five core areas. The remaining 15 credits may be selected from the list of additional courses or from the core areas.**

#### 1. Biopsychology:

PSYC 3320	Drugs and Behaviour	3 credits
PSYC 3910	Neuropsychology	3 credits
PSYC 4315	Neuroscience	3 credits

#### 2. Cognitive:

PSYC 3215	Psychology of Memory	3 credits
PSYC 3303	Psychology of Learning	3 credits
PSYC 3311	Psychology of Consciousness	3 credits
PSYC 3800	Evolutionary Psychology	3 credits
PSYC 4210	Critical Thinking	3 credits

#### 3. Developmental:

PSYC 3316	Infancy	3 credits
PSYC 3920	Aging	3 credits

#### 4. Social/Personality:

PSYC 3210	Attitudes and Persuasion	3 credits
PSYC 3220	Group Dynamics	3 credits
PSYC 3307	Historical and Philosophical Foundations of Psychology	3 credits
PSYC 3370	Advanced Personality Theory	3 credits
PSYC 3451	Psychology and Law	3 credits
PSYC 4700	Cultural Psychology	3 credits

#### 5. Clinical/Abnormal:

PSYC 3350	Advanced Topics in Psychopathology	3 credits
PSYC 3450	Clinical Psychotherapy	3 credits
PSYC 3600	Health Psychology	3 credits
PSYC 4350	Developmental Psychopathology	3 credits

### Additional Courses:

PSYC 3200	Industrial and Organizational Psychology	3 credits
PSYC 3300	Applied Statistics II	3 credits
PSYC 3400	Applied Research I	3 credits
PSYC 3500	Interpersonal Relations I	3 credits
PSYC 3930	Consumer Psychology - Research & Applications	3 credits
PSYC 3940	Adult Education	3 credits
PSYC 3950	Cognitive Ergonomics	3 credits
PSYC 3970	Community Psychology	3 credits
PSYC 3980	Environmental Psychology	3 credits
PSYC 4100	Tests and Measurement	3 credits
PSYC 4200	Human Factors and Ergonomics	3 credits
PSYC 4350	Developmental Psychopathology	3 credits
PSYC 4400	Applied Research II	3 credits
PSYC 4500	Interpersonal Relations II	3 credits
PSYC 4600	Positive Psychology	3 credits
PSYC 4800	Professional and Ethical Issues	3 credits
PSYC 4900	Special Topics in Psychology	3 credits
PSYC 4910	Rehabilitation	3 credits

### Psychology Minor

Students must complete the following requirements for the Psychology Minor:

#### 1000 AND 2000 LEVEL

**Students are required to complete all of the following courses:**

PSYC 1100	Introduction to Psychology: Basic Processes	3 credits
PSYC 1200	Introduction to Psychology: Areas and Applications	3 credits
PSYC 2300	Applied Statistics	3 credits
PSYC 2315	Brain and Behaviour	3 credits
PSYC 2385	Cognition	3 credits
PSYC 2400	Experimental Psychology: Research Methodology	3 credits

**And at least 1 course from the following list:**

PSYC 2308	History & Systems of Contemporary Psychology	3 credits
PSYC 2320	Developmental Psychology: Childhood	3 credits
PSYC 2321	Developmental Psychology: Adolescence	3 credits
PSYC 2322	Developmental Psychology: Adulthood	3 credits

PSYC 2330	Social Psychology	3 credits
PSYC 2350	Psychopathology	3 credits
PSYC 2370	Psychology of Personality	3 credits

### 3000 AND 4000 LEVEL

Psychology courses at the 3000 level are accessible to all students who have completed Introductory Psychology 1100 and 1200, plus any additional prerequisite course indicated.

Students who have completed nine credits of required Psychology courses at the 2000 level (including Psychology 2300 and 2400), plus the BA entrance requirements, can apply for entry to the Bachelor of Arts, Minor in Psychology.

Courses at the 4000 level will require prerequisites at the 2000 and possibly 3000 level.

## GRADUATION

Upon successful completion of the honours program, students are eligible to receive a **Bachelor of Arts (Honours), Major in Psychology**.

Upon successful completion of the major program, students are eligible to receive a **Bachelor of Arts, Major in Psychology**.

Upon successful completion of the minor program, students are eligible to receive a **Minor in Psychology** as part of a Bachelor of Arts program.

### Students are required to complete at least one (1) course from each of the following five core areas:

#### 1. Biopsychology:

PSYC 3320	Drugs and Behaviour	3 credits
PSYC 3910	Neuropsychology	3 credits
PSYC 4315	Neuroscience	3 credits

#### 2. Cognitive:

PSYC 3215	Psychology of Memory	3 credits
PSYC 3303	Learning: Theory & Practice	3 credits
PSYC 3311	Psychology of Consciousness	3 credits
PSYC 3800	Evolutionary Psychology	3 credits
PSYC 4210	Critical Thinking	3 credits

#### 3. Developmental:

PSYC 3316	Infancy	3 credits
PSYC 3920	Aging	3 credits

#### 4. Social / Personality

PSYC 3210	Attitudes and Persuasion	3 credits
PSYC 3220	Group Dynamics	3 credits
PSYC 3307	Historical and Philosophical Foundations of Psychology	3 credits
PSYC 3370	Advanced Personality Theory	3 credits
PSYC 3451	Psychology and Law	3 credits
PSYC 4700	Cultural Psychology	3 credits

#### 5. Clinical / Abnormal

PSYC 3350	Advanced Topics in Psychopathology	3 credits
PSYC 3450	Clinical Psychotherapy	3 credits
PSYC 3600	Health Psychology	3 credits
PSYC 4350	Developmental Psychopathology	3 credits

# Sociology: Associate of Arts Degree

And one additional Sociology course at the 2000-level or higher

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Arts Degree in Sociology**.

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of Sociology.

Students with an Associate of Arts Degree in Sociology who are interested in continuing their degree studies at Kwantlen can apply for the Bachelor of Arts, Major in Sociology degree or a Minor in Sociology when combined with another BA program. Admission to this program requires specific courses and GPA. For more information, please see the BA Major or Minor in Sociology program description.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Arts Degree students are required to complete at least 60 credits with a minimum grade of C in each course, including:

### All of:

SOCI 1125	Introduction to Society: Processes and Structures	3 credits
SOCI 2225	Canadian Society: Conflict and Consensus	3 credits
SOCI 2235	The Development of Sociological Thought	3 credits

# Sociology: Bachelor of Arts Major and Minor

Faculty of Social Sciences	
kwantlen.ca/socialsciences	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Bachelor of Arts, Major or Minor in Sociology is unique in the Lower Mainland as it emphasizes practical, applied and community based approaches to learning and makes connections between societies in local, Canadian and global contexts. The curriculum reflects the cultural diversity of our region, presenting course materials from critical and transnational perspectives, a variety of theoretical and methodological approaches, and multiple knowledge bases.

The overall goal of the B.A. in Sociology program is to increase access to high quality education that meets the needs of diverse student populations and communities in both regional and global contexts. The Bachelor of Arts, Major in Sociology program marries unique learning experiences in applied settings with academic rigor and offers a well-rounded education in various sub-fields in the discipline. Graduates from the program will have the option of entering variety of rewarding careers or pursuing graduate studies.

## CAREER OPPORTUNITIES

The curriculum design for the B.A. Major in Sociology program incorporates a number of skills that are valuable for success in a variety of different occupational fields and/or for the purpose of pursuing graduate studies. Students will develop analytical, written and oral communication and research skills, and a broad understanding of the social, cultural, economic, and political relationships between local, regional, and global communities. These are important and desired qualifications sought by prospective employers in public, private and non-profit organizations. Emphasis on principles of equity, equality, democracy, cultural diversity and active citizenship as important elements of the curricula will prepare students for living, studying, working, conducting research, and participating in a diverse society as informed citizens, and for interpersonal relationships as well as employment within a culturally, socially, economically, and politically heterogeneous and interconnected world. Today, sociologists are working in a broad range of fields including, but not limited to, government, communications, corrections/law,

business, community affairs, health, teaching, research, and marketing.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

### Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

## Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

# CONTENT

Students pursuing a Bachelor of Arts degree must complete all requirements in the Bachelor of Arts framework in addition to their major or minor program requirements.

## Sociology Major

Students pursuing a BA Major in Sociology must complete a total of 54 credits from sociology courses, which includes 27 credits from core, required sociology courses, and an additional 27 credits from sociology course electives as follows:

### 1000 LEVEL

Courses at the 1000 level provide a foundation in core concepts, theories, methodologies and sub-fields in sociology.

#### Students are required to complete:

SOCI 1125	Introduction to Society: Processes and Structures	3 credits
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**Note:** Completion of SOCI 1125 with a minimum GPA of 2.0 provides a pre-requisite for all sociology courses at the 2000, 3000 and 4000 levels.

### 2000 LEVEL

Courses at the 2000 level offer more extensive study in sociological theory and research methods, as well as specialized areas in sociology.

#### Students will be required to complete 21 credits from 2000 level sociology courses including the following required courses:

SOCI 2225	Canadian Society	3 credits
SOCI 2235	The Development of Sociological Thought	3 credits
SOCI 2260	Research Methods in Sociology	3 credits
SOCI 2365	An Introduction to Statistics in Social Research	3 credits

#### Additional 2000-level Courses

SOCI 2230	Racialization and Ethnicity in Canada	3 credits
SOCI 2240	Women in Canada	3 credits
SOCI 2250	Families in Canada	3 credits
SOCI 2255	Micro-Sociology: The Dynamics and Structure of Social Interaction	3 credits
SOCI 2270	Sociology of Education: A Critical Perspective	3 credits
SOCI 2275	Mass Media and Society	3 credits
SOCI 2280	Sociology of Health and Illness	3 credits
SOCI 2285	Gods in the Global Village: A Sociological Perspective of World Religions	3 credits
SOCI 2311	Social Justice in Local and Global Contexts	3 credits

### 3000 AND 4000 LEVEL

Students will be required to complete a total of 30 credits from sociology courses at the 3000 and 4000 levels which must include 12 credits of required 3000- and 4000-level courses as described below.

Courses at the 3000-level continue to provide breadth and build on course content covered the 2000-level courses on sociological theories, research methods and studies in specific focus areas of the discipline. Students must complete 6 credits from required sociology courses as follows:

#### All of:

SOCI 3235	Classic Sociological Theories	3 credits
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#### And one of:

SOCI 3260	Qualitative Research Methods	3 credits
SOCI 3365	Quantitative Research Methods	3 credits

At the 4000 level, students are required to complete 6 credits from courses that include a service learning, applied or experiential learning component, consolidating what they have learned at previous levels, while gaining practical experience. Courses that satisfy this requirement include:

#### One of:

SOCI 4325	Sociological Aspects of Community Service	6 credits
SOCI 4330	Global Community Services	6 credits

#### Or both of:

SOCI 4225	Advanced Topics in Canadian Issues	3 credits
SOCI 4320	Advanced Topics in Global Studies	3 credits

It is recommended that students complete at least 60 course credits in total before taking courses at the 4000-level.

#### Other 3000 Level Courses:

SOCI 3210	Science, Technology and Society	3 credits
SOCI 3230	International Migration and Ethnic Communities	3 credits
SOCI 3240	Gender in a Global Context	3 credits
SOCI 3270	Education, Nation Building, and Globalization	3 credits
SOCI 3275	Sociology of Popular Culture	3 credits
SOCI 3280	Sociological Aspects of Dying and Death	3 credits
SOCI 3300	Sociology of Work and Occupations	3 credits
SOCI 3310	Sociology of Conflict and Conflict Resolution	3 credits
SOCI 3320	Sociology of Global Inequalities	3 credits
SOCI 3345	Social Policy in Context	3 credits

SOCI 3385 Demography 3 credits

Upon successful completion of the minor program, students are eligible to receive a **Minor in Sociology** as part of a Bachelor of Arts program.

**Other 4000 Level Courses:**

SOCI 4275 Lost in Transmission: Diversity and the Media 3 credits

SOCI 4280 Sociolegal Aspects of Assisted Death 3 credits

SOCI 4310 Terrorism, Globalization, and Social Justice 3 credits

## Sociology Minor

### 1000 LEVEL

**Students will be required to complete:**

SOCI 1125 Introduction to Society: Processes and Structures 3 credits

Completion of SOCI 1125 with a minimum grade of 'C' provides a pre-requisite for all sociology courses at the 2000, 3000 and 4000 levels.

### 2000 LEVEL

**Students will be required to complete 15 credits in SOCI courses at the 2000 level sociology courses, as follows:**

SOCI 2225 Canadian Society: Conflict and Consensus 3 credits

SOCI 2235 The Development of Sociological Thought 3 credits

SOCI 2260 Research Methods in Sociology 3 credits

6 credits of additional SOCI 2000-level courses 3 credits

### 3000 LEVEL

Students will be required to complete a minimum of 12 credits in SOCI courses at the 3000 level. Note that some courses at the 3000 level require specific course prerequisites in addition to SOCI 1125.

### 4000 LEVEL

All BA Minor in Sociology students must complete 6 credits chosen from the following:

**At least one of:**

SOCI 4325 Sociological Aspects of Community Service 6 credits

SOCI 4330 Global Community Service 6 credits

**Or both of:**

SOCI 4225 Advanced Topics in Canadian Issues 3 credits

SOCI 4320 Advanced Topics in Global Studies 3 credits

It is recommended that students complete at least 60 course credits in total before taking these courses.

## GRADUATION

Upon successful completion of the major program, students are eligible to receive a **Bachelor of Arts, Major in Sociology**.

# Faculty of Science & Horticulture

Welcome to the Faculty of Science & Horticulture.

## DEAN:

**Graham Rankin, PhD**

Phone: 604.599.2244

Email: [graham.rankin@kwantlen.ca](mailto:graham.rankin@kwantlen.ca)

## IN THIS SECTION:

You will find details of the Science & Horticulture programs:

- About the Faculty of Science & Horticulture
- Arboriculturist Technician: Apprenticeship
- Associate of Science Degree Framework
- Biology: Bachelor of Science Major
- Biology: Associate of Science Degree
- Chemistry: Associate of Science Degree
- Engineering: Applied Science Certificate
- Environmental Protection Technology: Diploma
- Geography: Associate of Science
- Horticulture Technology: Diploma
- Horticulture: Citations
- Landscape Horticulture: Apprenticeship
- Mathematics: Bachelor of Arts Minor
- Mathematics: Associate of Science Degree
- Physics: Associate of Science
- Plant Health: Bachelor of Horticulture Science Major
- Production Horticulture: Apprenticeship
- Psychology - Applied: Bachelor of Science (also: Honours)
- Science, General: Associate of Science Degree
- Science: Diploma
- Science & Math Information
- Urban Ecosystems: Bachelor of Horticulture Science Major

# Arboriculturist Technician: Apprenticeship

Faculty of Science and Horticulture	
<a href="http://kwantlen.ca/science">kwantlen.ca/science</a>	
School of Horticulture	
<a href="http://kwantlen.ca/hort">kwantlen.ca/hort</a>	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	No Credential
OFFERED AT	FORMAT
Langley	Full-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

Arboriculturist Apprenticeship links learning and employment by providing apprentices the opportunity to further their education, while at the same time maintaining full-time employment in the arboriculture industry.

Apprentices traditionally sign a registered indentureship agreement with an employer who is committed to practical on-the-job industry training in arboriculture. Students may indenture through a signed and registered Apprenticeship Agreement between the Provincial Government, the apprentice and their industry employer. Documents are available online at [www.itabc.ca](http://www.itabc.ca).

During the apprenticeship, students attend the technical training session for theoretical and practical instruction at Kwantlen in Langley. The arboriculturist technician technical training session is eight weeks long. Credit for previous work experience and/or vocational training may be negotiated with the Industry Training Authority (ITA) when the apprenticeship agreement is signed and the student is registered.

The arboriculturist technician program is designed to train arboriculture workers for the first stage of their careers where the focus of the work is from the ground. The curriculum used for technical training has been developed and approved by the arboriculture industry. It provides relevant, up-to-date information, and is based on recent technological advances in the field of arboriculture. The program is being offered for the first time in January 2012. Technical training starts on January 9 and concludes on March 2. The scheduling of future intakes has yet to be decided.

Journeypersons in arboriculture are in demand. Municipal parks departments and the large private arboriculture industry sector are looking to certified arboriculturist technicians to fill a significant number of ground arborist positions.

## STUDENT PROFILE

Students interested in the apprenticeship should have a strong desire for hands-on outdoor work, enjoy nature and living things, be concerned about the environment, and have entrepreneurial talents. Individuals with allergies to dust, pollen or plant products,



or specific chemicals should be aware of the potential impact on their health. Physical fitness and a healthy back are generally required for a successful career in arboriculture. Apprentices will work with plant protection products.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- An ITA Individual ID number (ITA-ID) is required. If you do not have a ITA-ID, you will need to complete an apprenticeship registration form through the ITA ([www.itabc.ca](http://www.itabc.ca)) prior to admission (Level 1 through to 4).
- Class 5 driver's license
- English 10 or better preferred

## CONTENT

### Arboriculturist Technician Level 1 (AARB 1010)

- AARB 1011 - The Safety Conscious Arborist (A1, A4-A6, H1-H4)
- AARB 1012 - Plant Identification (D1, D2)
- AARB 1013 - Biology, Pruning & Planting (D3-D6)
- AARB 1014 - Falling and Bucking (E1-E8)
- AARB 1015 - Rigging and Climbing (F1-F4, G1)
- AARB 1016 - Tools and Equipment (B1-B4, C1-C4)
- AARB 1018 - Arboriculturist Final Exam

## GRADUATION

Upon successful completion of an apprentice level, Kwantlen will report your technical training completion information to the Industry Trade Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Associate of Science Degree Framework

Faculty of Science and Horticulture	
<a href="http://kwantlen.ca/science">kwantlen.ca/science</a>	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

The Associate of Science degree consists of two years of university course work where students are able to complete their lower division program requirements for a Bachelor of Science degree if they course plan effectively. Holders of an Associate Degree receive full transfer credit of all courses counting towards that degree, even if the receiving institution may not have an articulation in place with any specific course counted by the sending institution towards an Associate Degree. While universities traditionally allow transfer based on GPA cutoffs, some receiving institutions grant a GPA advantage to Associate of Science holders.

The general requirements for the Associate of Science are specified by provincial legislation. To qualify for an Associate of Science, students must complete 60 credits at the first and second year level (typically 20 courses, 3 credits per course). A minimum overall GPA of 2.0 is required, with a minimum passing grade (D or better) in each course counting towards the Associate of Science.

Kwantlen currently offers several pathways for an Associate of Science Degree:

1. Associate of Science in Biology
2. Associate of Science in Chemistry
3. Associate of Science in General Sciences\*
4. Associate of Science in Geography
5. Associate of Science in Mathematics
6. Associate of Science in Physics

\* **Note:** there are three articulated pathways under the heading of General Science:

1. For students wishing a program change to third year of Kwantlen's BBA in Entrepreneurial Leadership
2. For science students wishing to complete a degree in Environmental Science at Royal Roads University. This provides direct entry to third year of their Environmental Science and Environmental Management Degrees.
3. For science students transferring to the Bachelor of Science in Environmental Science at UNBC.

## Transfer to a Science Degree

Students planning to complete a Bachelor of Science should verify the transfer status at each university when organizing their course profile to ensure they meet the entrance requirements as well as be aware of the specific program requirements. Research has demonstrated that students transferring with an Associate Degree perform better at the receiving institution than students transferring at an earlier completion level, and are at least at par with those students who were solely resident at that degree granting receiving institution.

General information on the requirements for the Associate of Science degree, and how universities receive them, can be found on the **BCCAT** site at [www.bctransferguide.ca/associate](http://www.bctransferguide.ca/associate)

Specific information on course requirements for a Bachelor of Science Degree, and the majors and minors available, should be verified in the Calendars for:

- **UBC** at [www.science.ubc.ca](http://www.science.ubc.ca)
- **SFU** at [www.sfu.ca/science](http://www.sfu.ca/science)
- **UVic** at [web.uvic.ca/sciweb](http://web.uvic.ca/sciweb)
- **UNBC** at [www.unbc.ca/calendar/undergraduate/degrees/](http://www.unbc.ca/calendar/undergraduate/degrees/)
- **Royal Roads University** at [www.royalroads.ca](http://www.royalroads.ca)

A list of required Kwantlen courses specific to each of UBC, SFU, UVic and UNBC can be found on Kwantlen's Science website at [kwantlen.ca/science/associate](http://kwantlen.ca/science/associate). As science and mathematics requirements vary from one university to another, for a major in biology, chemistry, geography, mathematics, physics, or psychology, this website offers course requirements per university.

Additional information can be referenced at Kwantlen's Educational Advising website ([kwantlen.ca/advising](http://kwantlen.ca/advising)) or by speaking to an Educational Advisor at Kwantlen or at the university where you intend to complete your degree.

## SFU Partnership

The Science Faculties at SFU and Kwantlen have signed a Dual Enrolment Pathway Partnership wherein science students at one institution can access courses at the other institution towards completion of their degree. The courses must be unavailable at the home institution either because they are not offered that semester or because there are no vacant seats remaining. The contact point for Kwantlen students is Kwantlen's Student Enrolment Services office at any campus, while SFU students will require a letter of permission from the Office of the Dean of Science at SFU. Students will pay tuition at the rate charged by the institution where the course is taken. Kwantlen students must be in good academic standing and enrolled in an Associate of Science program.

SFU **guarantees** course transfer credits and admission to finish a Bachelor of Science to any Kwantlen science student who has taken a SFU course via the Dual Enrolment Pathway Partnership, and who has since completed a Kwantlen Associate of Science degree (with a 2.0 cumulative GPA or better).

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Students are required to complete 60 credits at the 1st and 2nd year level. A minimum overall GPA of 2.0 is required, with a minimum passing grade (D or better) in each course counting towards the Associate of Science.

### Specific Requirements:

#### 1. English Requirements:

- ENGL 1100 and
- One additional first year ENGL course

#### 2. Math Requirements\*:

- Six credits of university level mathematics, which shall include three credits in Calculus.

#### 3. First Year Science Requirements:

- Any six science courses from among the following (at least one must be a lab science course, which excludes CPSC courses):
  - BIOL 1110, 1210
  - CHEM 1105\*\*, 1110, 1210
  - CPSC 1100, 1103, 1204
  - GEOG 1110, 1120
  - MATH 1112\*\*, 1115 (if not already counted)
  - PHYS 1100\*\*, 1101, 1102, 1120, or 1220

#### 4. Second Year Science Requirements

- Any six science courses taken in a minimum of two different subject areas from among the following:
  - BIOL 2320, 2321, 2322, 2330, 2421
  - CHEM 2311 or 3310, 2315, 2320, 2410, 2420
  - CPSC 2405
  - GEOG 2310, 2320, 2330, 2390, 2395
  - MATH 2232, 2315, 2321, 2331, 2335, 3322, 3421
  - PHYS 2101, 2201, 2330, 2420, 2421, 2424

#### 5. Additional Course Requirements

- Any two courses in Arts\*\*\*, not counting English, plus
- Any other two university transferable courses

#### Notes:

\* Most Science degrees require both Calculus I and Calculus II. Institutions have the discretion to set higher standards, including not recognizing MATH 1112.

\*\* Institutions have the discretion to not recognize CHEM 1105, MATH 1112 or PHYS 1100.

\*\*\* Any Arts subject area not noted in the science categories above, and includes all geography courses not specified in the science categories above, i.e. GEOG 1160, 2110, 2120, 2140, 2185, and 2190.

Students lacking the appropriate prerequisites will likely require more than two years to complete the Associate of Science. Since the Associate of Science represents completion of one half of a Bachelor of Science, as long as the right courses are taken at Kwantlen, students should ideally be able to complete their Bachelor of Science in a further two years at the receiving University.

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Science** degree in their chosen subject area.

## Biology: Associate of Science Degree

Faculty of Science and Horticulture	
kwantlen.ca/science	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of Biology.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Science degree, you must complete at least 60 credits with a minimum overall GPA of 2.0 and a minimum passing grade (D or better) in each course:

### First Year Science Requirements

#### All of:

BIOL 1110	Introductory Biology I	4 credits
BIOL 1210	Introductory Biology II	4 credits
CHEM 1110	The Structure of Matter	4 credits
CHEM 1210	Chemical Energetics and Dynamics	4 credits

#### And two more first year science courses from the following:

CHEM 1105*	Introductory Chemistry	4 credits
PHYS 1100*	Introductory Physics	4 credits

#### Either of:

PHYS 1101	Physics for Life Sciences I	4 credits
PHYS 1120	Physics for Physical and Applied Sciences I	4 credits

**Either of:**

PHYS 1102	Physics for Life Sciences II	4 credits
PHYS 1220**	Physics for Physical and Applied Sciences II	4 credits

**Notes:**

\* Students intending to transfer to a BSc should confirm transferability.

\*\* UBC allows GEOG 1110, 1120, or GEOL 1210 as a substitute for PHYS 1220.

**Second Year Science Requirements****Four second year BIOL courses chosen from:**

BIOL 2320	Genetics	4 credits
BIOL 2321	Cell Biology	4 credits
BIOL 2322	Ecology	4 credits
BIOL 2330	Microbiology	4 credits
BIOL 2421	Cellular Biochemistry	3 credits

**And both of:**

CHEM 2320	Organic Chemistry I	4 credits
CHEM 2420	Organic Chemistry II	4 credits

**GRADUATION**

Upon successful completion of this program, students are eligible to receive an **Associate of Science Degree in Biology**.

**Chemistry: Associate of Science Degree**

Faculty of Science and Horticulture	
kwantlen.ca/science	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

**DESCRIPTION**

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of Chemistry.

**PROGRAM ADMISSION REQUIREMENTS**

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

**CONTENT**

Within the framework of the Associate of Science degree, you must complete at least 60 credits with a minimum overall GPA of 2.0 and a minimum passing grade (D or better) in each course:

**First Year Science Requirements****All of:**

CHEM 1110	The Structure of Matter	4 credits
CHEM 1210	Chemical Energetics and Dynamics	4 credits

**Or either of:**

PHYS 1101	Physics for Life Sciences I	4 credits
PHYS 1120	Physics for Physical and Applied Sciences I	4 credits

**And three more first year science courses from the following:**

BIOL 1110	Introductory Biology I	4 credits
BIOL 1210	Introductory Biology II	4 credits
CHEM 1105*	Introductory Chemistry	4 credits

CPSC 1100	Introduction to Computer Literacy	3 credits	GEOG 2330	Introduction to Hydrology	3 credits
CPSC 1103	Introduction to Computer Programming I	3 credits	GEOG 2390	Geographic Information and Data Analysis	3 credits
CPSC 1204	Introduction to Computer Programming II	3 credits	GEOG 2395	Cartographic Techniques	3 credits
GEOG 1110	Introduction to the Atmosphere	3 credits	MATH 2232	Linear Algebra	3 credits
GEOG 1120	Introduction to Earth Science	3 credits	MATH 2315	Probability and Statistics	3 credits
MATH 1112*	Pre-Calculus Algebra	3 credits	MATH 2321	Multivariate Calculus (Calculus III)	3 credits
MATH 1115	Statistics I	3 credits	MATH 2331	Introduction to Analysis	3 credits
PHYS 1100*	Introductory Physics	4 credits	MATH 2335	Statistics for Life Sciences	3 credits
PHYS 1102	Physics for Life Sciences II	4 credits	MATH 3322	Vector Calculus (Calculus IV)	3 credits
PHYS 1220	Physics for Physical and Applied Sciences II	4 credits	MATH 3421	Ordinary Differential Equations	3 credits
<b>Or either of:</b>			PHYS 2101	Experimental Physics I	2.5 credits
PHYS 1101	Physics for Life Sciences I	4 credits	PHYS 2201	Experimental Physics II	2.5 credits
PHYS 1120	Physics for Physical and Applied Sciences I	4 credits	PHYS 2330	Intermediate Mechanics	3 credits
			PHYS 2420	Intermediate Electricity and Magnetism	3 credits
			PHYS 2421	Laboratory in Electric Circuits	2 credits
			PHYS 2424	Relativity and Quanta	3 credits

**Notes:**

\* Students intending to transfer to a BSc should confirm transferability.

## Second Year Science Requirements

**Four second year Chemistry courses chosen from:**

CHEM 2315	Analytical Chemistry	4 credits
CHEM 2320	Organic Chemistry I	4 credits
CHEM 2420	Organic Chemistry II	4 credits
<b>Or either of:</b>		
CHEM 2311	Physical Chemistry for Life Sciences	3 credits
CHEM 3310	Physical Chemistry	4 credits

**And two more second year science courses chosen from:**

BIOL 2320	Genetics	4 credits
BIOL 2321	Cell Biology	4 credits
BIOL 2322	Ecology	4 credits
BIOL 2330	Microbiology	4 credits
BIOL 2421	Cellular Biochemistry	3 credits
CHEM 2311	Physical Chemistry for Life Sciences	3 credits
CHEM 3310	Physical Chemistry	4 credits
CHEM 2315	Analytical Chemistry	4 credits
CHEM 2410	Physical-Inorganic Chemistry	5 credits
CPSC 2405	Introduction to Discrete Mathematics I	3 credits
GEOG 2310	Climatology	3 credits
GEOG 2320	Geomorphology	3 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Science Degree in Chemistry**.

# Engineering: Applied Science Certificate

Faculty of Science and Horticulture	
kwantlen.ca/science	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Certificate
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Certificate program in Engineering is a one year pre-engineering program designed to prepare students for admission to the engineering programs at UBC and SFU. Kwantlen offers the full first year of the Engineering core program for students wishing to transfer to UBC or UVic in the following areas of engineering:

- Chemical and Biological Engineering (UBC)
- Civil Engineering (UBC)
- Computer Engineering (UBC, UVic)
- Computer Science (UVic)
- Electrical Engineering (UBC, UVic)
- Engineering Physics (UBC)
- Geological Engineering (UBC)
- Integrated Engineering (UBC)
- Mechanical Engineering (UBC, UVic)
- Materials Engineering (UBC)
- Mining Engineering (UBC)
- Software Engineering (UVic)

Kwantlen's first year program is based on UBC's. With one second-semester course substitution students can also complete UVic's first year program. Most, but not all, of Kwantlen's courses transfer to SFU's Engineering Science program. Please contact SFU for details. Students who wish to transfer to UNBC/UBC's joint Environmental Engineering program can meet most first year plus one second year requirement with one or two course substitutions. Students must still apply formally for admission to the destination university as transfer from Kwantlen is not automatic. They must then compete with all other second year students for seats in the Engineering program of their choice.

## Transfer to an Engineering Degree

1. Further information about English and elective courses that qualify, or about threshold requirements for admission to an engineering program at the various universities, are available through Educational Advising offices on all campuses.
2. Students intending to transfer to engineering at a university other than UBC or UVic should ensure that course selections conform to requirements at that university.

3. For specific course transfer information, go to the **BCCAT** website at [www.bccat.bc.ca](http://www.bccat.bc.ca) Some of our courses do not show direct transfer, but are accepted in lieu of the specified university courses.
4. For more information about the Engineering profession and about transfer between the Universities and Colleges, visit the Association of Professional Engineers and Geoscientists' web site [www.apeg.bc.ca/students](http://www.apeg.bc.ca/students).

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

Students wishing to complete the program without having to undertake any upgrading courses must have:

- C or higher in Principles of Physics 12; and
- C+ or higher in Chemistry 12; and
- B or higher in Principles of Mathematics 12, or Pre-calculus 12 and
- B or higher in English 12.

**Note:** Students with a C or C+ in Principles of Mathematics 12 or Pre-calculus 12 are eligible to write the Mathematics Placement Test to determine suitability for direct entry into first year calculus (MATH 1120).

## CONTENT

Many of the courses are offered in both fall and spring semesters.

All of these courses transfer individually with credit for the equivalent course at the destination universities, with two exceptions for UBC: A student must complete both of Kwantlen's APSC 1151 and APSC 1299 to receive credit in lieu of UBC's APSC 150; and must complete both Kwantlen's PHYS 1120 and PHYS 1220 to receive credit in lieu of UBC's PHYS 153.

### All of the following:

#### Semester 1 - Fall

APSC 1124	Introduction to Engineering	1 credits
APSC 1151	Introduction to Engineering Graphics	3 credits
CHEM 1154	Chemistry for Engineering	4 credits
CPSC 1103	Introduction to Computer Programming I	3 credits
ENGL 1100	Writing, Reading and Thinking: An Introduction (or another 1100 level ENGL course)	3 credits
MATH 1120	Differential Calculus	3 credits
PHYS 1120	Physics for Physical and Applied Sciences I	4 credits

#### Semester 2 - Spring

APSC 1299	Introduction to Microcontrollers	3 credits
MATH 1152	Matrix Algebra for Engineers	3 credits
MATH 1220	Integral Calculus	3 credits

PHYS 1170	Mechanics I	3 credits
PHYS 1220	Physics for Physical and Applied Sciences II	4 credits

One Complementary Studies elective (see below).

**Note:** MATH 1220, PHYS 1220 and APSC 1151 are normally also offered on an accelerated basis in May/June.

Kwantlen also offers a number of second-year mathematics and science courses that transfer individually, as well as a wide range of suitable electives to round out a two-year part-time schedule.

## Complementary Studies Electives

Most social science and humanities courses will meet the requirements of this 3-credit elective for UBC; UVic and SFU have somewhat restrictive lists of suitable courses. This includes the disciplines of Anthropology, Human Geography, History, Humanities, Philosophy, Political Science, Psychology and Sociology. The elective course must deal with some of the central issues, methodologies and thought processes of the discipline, and must not be mathematics or science based. Basic language courses (particularly mother tongue), physical geography and geology, statistics, computer science or studio/performance courses in the fine arts or music are not normally judged as satisfying the complementary elective requirement.

A second English course at the 1100 level would also meet the complementary elective requirement. In fact, for students who have not completed a minimum of five years of study in an English school in Canada or the equivalent in another country where English is the principal language, 6 credits (2 courses) of English 1100 level courses at Kwantlen that transfer to UBC would satisfy both the complementary elective requirement and the English language requirement for admission to UBC. To confirm the transferability of the complementary elective requirement (or the language requirement), it is always advisable to contact the university in question.

Students planning to transfer to UVic should take CMNS 1110 as their complementary studies elective.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Engineering**.

# Environmental Protection: Diploma of Technology

Faculty of Science and Horticulture	
kwantlen.ca/science	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Langley	Full-time Part-time Co-op
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Environmental protection technologists provide an invaluable service to society by helping protect and sustain the long-term health of our ecosystems.

Environmental consultants, industry and government seek out graduates from our Environmental Protection Technology program. They do this because our graduates have developed the skills needed to offer professional advice on a wide range of subjects, including: environmental impact assessment; hazardous and non-hazardous waste management; waste reduction and reuse strategies; air, soil and water pollution prevention and monitoring; compliance auditing; and contaminated site investigation and remediation. This skill set is based on an integrated, hands-on training program that gives graduates a good working knowledge of physical and life sciences, including general biology, ecology, toxicology, chemistry, physics and statistics. Specific topics covered by the program include:

- Air, water and soil field sampling
- Solid, liquid and air treatment methods
- Waste minimization
- Hazardous goods and waste handling methods
- WHMIS implementation and compliance evaluation
- Emergency planning and spill response methods
- Recycling and waste minimization program design
- Environmental issues analysis
- Environmental law and ethics
- Written and oral presentation skills
- Computer software competency

Although graduates typically work within a team of professionals, they must also be able to work independently and take initiative as required; the program helps promote these attributes. Successful completion of the two-year program prepares graduates for employment at the technology level within industry or government often with excellent potential for upward mobility as job experience grows.

Students may complete the program over the course of three years. This is recommended for students who intend to work part-

time while enrolled in the program or for those who prefer a lighter academic load. Please contact the Program Chair for details.

For more information about this program, please visit the department web page at [kwantlen.ca/environment](http://kwantlen.ca/environment).

## Transfer to Degree Program

Graduates are able to enter, either directly or at a later stage in their career, into upper levels of the following programs:

- Bachelor of Science in Environmental Science at Royal Roads University,
- Bachelor of Science at UNBC,
- Bachelor of General Studies at Thompson Rivers University-Open Learning, and
- Bachelor of Technology at BCIT (environmental engineering and environmental health).

After completing a short bridging program graduates may also enter directly into the third year of the Bachelor of Business Administration in either Entrepreneurial Leadership or Human Resource Management at Kwantlen.

## Co-operative Education

This program operates with two four-month Co-op work terms. Kwantlen has been successful in arranging unique and challenging placements with government agencies such as Environment Canada and the BC Ministry of the Environment, with environmental consultants, and with other industries. Most importantly, these Co-op placements facilitate entry into successful careers by the Environmental Protection Technology graduates.

## CAREER OPPORTUNITIES

An advisory committee works closely with the program to maintain and update the curriculum and ensure that graduates are well prepared for the job market. This committee consists of potential employers from the public and private sectors, as well as several graduates of the program who are well established in the field.

Graduates are employed with environmental consulting firms; federal, provincial or municipal departments; as environmental staff in large industries; or are self-employed.

Program graduates have experienced a high rate of employment in the environmental field. The Co-operative Education component of the program has proved to be extremely valuable, with several of the graduates obtaining positions with their Co-op employers. Examples of the type of work performed by Co-op students and graduates include: air, water, and soil sampling; waste-water systems investigations; contaminated sites assessments; contingency planning and spills response; waste permitting and compliance investigations; laboratory analysis; habitat evaluation; environmental auditing; environmental policy and legislation; recycling, composting and solid waste management; and public education.

Graduates are able to continue their education towards a Bachelor's Degree in Management or Environmental Science, and complete both the environmental diploma and a baccalaureate degree in a total of four to five years.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English

Proficiency Requirement, the following program admission requirements apply:

- C+ or better in English 12 or Technical and Professional Communication 12
- C or better in Principles of Mathematics 11 or Pre-calculus 11 or Applications of Mathematics 12 or Foundations of Mathematics 12 (with a C+)
- C or better in Principles of Physics 11 or Applications of Physics 11
- C+ or better in Chemistry 11

Students lacking any of these requisites must obtain their equivalent before being admitted to the program.

All applicants must attend an information session (normally November and February) or, if from outside the Vancouver and Fraser Valley area, must complete a telephone interview.

## CONTENT

The two-year program, which contains two four-month work terms, consists of the following sequence:

### Year One

#### All of:

##### Fall

BIOL 1110	Introductory Biology I	4 credits
CBSY 1105	Introductory Microcomputer Applications	3 credits
CMNS 1140	Introduction to Professional Communication	3 credits
COOP 1101	Job Search Techniques	1 credits
ENVI 1106	Environmental Chemistry I	4 credits
ENVI 1121	Environmental Issues	3 credits
MATH 1117*	Environmental Mathematics	3 credits

##### Spring

BIOL 1210	Introductory Biology II	3 credits
ENVI 1206	Environmental Chemistry II	4 credits
ENVI 1216	Introduction to Earth Sciences	4 credits
ENVI 2315	Water and Soil Sampling	4 credits
MATH 1115	Statistics I	3 credits

##### Summer

COOP 1110	Work Semester 1	9 credits
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\* **Note:** Students who have already completed Principles of Math 12 or Pre-calculus 12 (or equivalent) with C+ or better do not need to take MATH 1117. However, students still need a minimum of 60 semester credit hours in order to graduate with the diploma.

### Year Two

#### All of:

##### Fall

BIOL 2322	Ecology	3 credits
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COOP 2101	Leadership and the Job Search	1 credits
ENVI 2305	Environmental Toxicology	3 credits
ENVI 2307	Environmental Physics	3 credits
ENVI 2310	Solid Waste Management	3 credits
ENVI 2900	Research Project	3 credits

### Spring

COOP 2110	Work Semester II	3 credits
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### Summer

COOP 2301	Career Search	1 credits
ENVI 2405	Environmental Legislation	3 credits
ENVI 2410	Water Resources Protection	3 credits
ENVI 2415	Air Quality Monitoring	4 credits
ENVI 2420	Contaminated Site Management	4 credits
ENVI 2426	Health and Safety	3.5 credits

Upon successful completion of this program without co-operative education, students are eligible to receive a **Diploma of Technology in Environmental Protection**.

**Note:** While successful completion of the two Co-op work terms is regarded as a requirement to graduate, it is sometimes possible to graduate without one or both Co-op components. This would be warranted by exceptional circumstances, and requires the documented recommendation of the Program Chair in consultation with the Co-op office. In every case, COOP 1101 is a required course for the Environmental Protection Technology diploma.

## OTHER INFORMATION

### Accreditation

The Environmental Protection Technology (EPT) program has been granted *National Accreditation* by the **Canadian Council of Technicians and Technologists** (CCTT) [www.cctt.ca](http://www.cctt.ca). *National Accreditation* provides students, employers and contractors assurance that the EPT program contains high educational quality, and by measuring its curriculum against *Canadian Technology Standards* established by the industry that graduates have the employability skills competencies required.

*National Accreditation* also provides access to membership with CCTT's provincial affiliate, the **Association of Applied Science Technologists and Technicians of British Columbia** (ASTTBC) [www.asttbc.org](http://www.asttbc.org), which, aside from many other benefits, qualifies one to seek professional certification as an *Applied Science Technologist* (AScT). This certification, while classified in different ways in other provinces, is transferable for work or moves across Canada and internationally in countries where partnerships with CCTT or ASTTBC have been established. This is a particularly important factor as many international contracts may demand that workers possess a national certification for quality control and assurance purposes.

While not a certifying body, membership in the **Environmental Careers Organization** (ECO) [www.eco.ca](http://www.eco.ca) is also available, providing added benefits and services to the environmental graduate.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma of Technology in Environmental Protection, Co-operative Education Option**.

# General Science: Associate of Science Degree

Faculty of Science and Horticulture	
kwantlen.ca/science	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Associate of Science in General Science is tailored for students who are uncertain of the major they wish to complete, or who wish to follow an articulated pathway to a specific degree at a specific institution (see Articulated Options below).

For those uncertain, students should be careful in selecting this option because while it is recognized as half way to completing a Bachelor of Science degree, it does not necessarily reflect all lower level courses required for a specified field of science (biology, chemistry, geography, mathematics, physics, psychology) they may choose to pursue later. Generally, Year 1 is common at all universities, but variations could begin as early as Year 2. It is therefore advisable that you verify the course requirements for Year 1 and Year 2 with an Educational Advisor or with the university at which you wish to complete your Bachelor of Science degree (referred to as the receiving university).

For your convenience, a list of required lower level courses by BC universities can be found under the heading "suggested options" at Kwantlen's Science website: [kwantlen.ca/science/associate](http://kwantlen.ca/science/associate). Care is taken to keep this list current, but it is always wise to verify accuracy.

## Articulated Options

Aside from the foregoing areas of specialization, three other options have been articulated within the Associate of Science in General Science.

### A. BBA IN ENTREPRENEURIAL LEADERSHIP AT KWANTLEN POLYTECHNIC UNIVERSITY

This option allows Science students with an Associate of Science degree to apply to enter directly into the third year of Kwantlen's Bachelor of Business Administration (BBA) in Entrepreneurial Leadership. This four-year package (2-year A.Sc.; 2-year BBA) provides a solid foundation in science while pursuing a degree in Business at Kwantlen Polytechnic University.

A degree with this focus can be very beneficial in business or industry involving the manufacture and sale of scientific and technology products, or for working in industries involved heavily

with health research (e.g., pharmaceutical companies, hospitals, biological corporations).

### B. BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE OR ENVIRONMENTAL MANAGEMENT AT ROYAL ROADS UNIVERSITY

This option allows Science students with an Associate of Science degree to apply to enter directly into the third year of a B.Sc. in Environmental Science or Environmental Management at Royal Roads University.

### C. BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE AT THE UNIVERSITY OF NORTHERN BRITISH COLUMBIA

This option allows Science students with an Associate of Science degree to apply to enter directly into the third year of a B.Sc. in Environmental Science at UNBC.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Science degree, you must complete at least 60 credits with a minimum overall GPA of 2.0 and a minimum passing grade (D or better) in each course:

### Articulated Options Requirements

#### A. BBA IN ENTREPRENEURIAL LEADERSHIP AT KWANTLEN POLYTECHNIC UNIVERSITY

##### Mathematics Requirements:

###### All of:

MATH 1140	Calculus I (Business Applications)	3 credits
MATH 1240	Calculus II (Business Applications)	3 credits

**Note:** MATH 1112 or either combinations of MATH 1120/1220 or MATH 1130/1230 also qualify, but at least one of the two mathematics courses must be a first year Calculus. Please be aware of mathematics prerequisites (including grades) required for science courses chosen in Years 1 and 2.

##### First Year Science Requirements:

###### One of:

CPSC 1100	Introduction to Computer Literacy	3 credits
CPSC 1103	Introduction to Computer Programming I	3 credits

###### One of:

MATH 1115	Statistics I	3 credits
ACCT 1230	Business Statistics	3 credits

**And four first year science courses chosen from  
ASTR, BIOL, CHEM or PHYS**

**Second Year Science Requirements:**

**Six second year BIOL, CHEM, MATH or PHYS courses  
chosen over at least two of these disciplines**

**Other Courses Requirements:**

**One of:**

BUSI 1210	Essentials of Management	3 credits
BUSI 1215	Organizational Behaviour I	3 credits

**All of:**

ACCT 2293	Intro. to Financial Accounting	3 credits
ECON 1150	Principles of Microeconomics	3 credits
MRKT 1199	Introduction to Marketing	3 credits

**In addition**, a minimum overall GPA of at least 2.7 is required, with a minimum of C grade in any course, for direct admission to Year 3 of the BBA. A minimum grade of C+ is required in MATH 1115 (or ACCT 1230) and ACCT 2293.

**B. BACHELOR OF SCIENCE IN ENVIRONMENTAL  
SCIENCE OR ENVIRONMENTAL MANAGEMENT AT  
ROYAL ROADS UNIVERSITY**

**Mathematics Requirements:**

**All of:**

MATH 1130	Calculus for Life Sciences I	3 credits
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**And one of:**

MATH 1115	Statistics I	3 credits
MATH 1120	Differential Calculus	3 credits
MATH 1220	Integral Calculus	3 credits
MATH 1230	Calculus for Life Sciences II	3 credits

**First Year Science Requirements:**

**All of:**

BIOL 1110	Introductory Biology I	4 credits
BIOL 1210	Introductory Biology II	4 credits
CHEM 1110	The Structure of Matter	4 credits
CHEM 1210	Chemical Energetics and Dynamics	4 credits

**And one of:**

PHYS 1101	Physics for Life Sciences I	4 credits
PHYS 1120	Physics for Physical and Applied Sciences I	4 credits

**And one of:**

CPSC 1100	Introduction to Computer Literacy	3 credits
ENVI 1121	Environmental Issues	3 credits
GEOG 1120	Introduction to Earth Science	3 credits

**Second Year Science Requirements:**

**All of:**

BIOL 2322	Ecology	4 credits
CHEM 2320	Organic Chemistry I	4 credits

**And one of:**

CHEM 2311	Physical Chemistry for Life Sciences	3 credits
CHEM 2315	Analytical Chemistry	4 credits
CHEM 2410	Physical-Inorganic Chemistry	5 credits
CHEM 2420	Organic Chemistry II	4 credits
CHEM 3310	Physical Chemistry	4 credits

**And two other second year science courses chosen  
from:**

Any second year BIOL course		
CPSC 2405	Introduction to Discrete Mathematics I	3 credits
GEOG 2310	Climatology	3 credits
GEOG 2320	Geomorphology	3 credits
Any second year MATH course		
Any second year PHYS course		

**Other Courses Requirements:**

**All of:**

ECON 1101	Foundation of Economics	3 credits
Two other transferable university courses		

**C. BACHELOR OF SCIENCE IN ENVIRONMENTAL  
SCIENCE AT THE UNIVERSITY OF NORTHERN  
BRITISH COLUMBIA**

**Mathematics Requirements:**

**All of:**

MATH 1120	Differential Calculus	3 credits
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**One of:**

MATH 1130	Calculus for Life Sciences I	3 credits
MATH 1220	Integral Calculus	3 credits
MATH 1230	Calculus for Life Sciences II	3 credits

**First Year Science Requirements:**

**All of:**

BIOL 1110	Introductory Biology I	4 credits
BIOL 1210	Introductory Biology II	4 credits
CHEM 1110	The Structure of Matter	4 credits
CHEM 1210	Chemical Energetics and Dynamics	4 credits

**One of:**

PHYS 1101	Physics for Life Sciences I	4 credits
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PHYS 1120 Physics for Physical and Applied Sciences I 4 credits

**One of:**

PHYS 1102 Physics for Life Sciences II 4 credits

PHYS 1220 Physics for Physical and Applied Sciences II 4 credits

**Second Year Science Requirements:**

**All of:**

BIOL 2322 Ecology 4 credits

BIOL 2330 Microbiology 4 credits

CHEM 2320 Organic Chemistry I 4 credits

GEOG 2320 Geomorphology 3 credits

GEOG 2330 Introduction to Hydrology 3 credits

**One of:**

BIOL 2321 Cell Biology 4 credits

CHEM 2311 Physical Chemistry for Life Sciences 3 credits

CHEM 2315 Analytical Chemistry 4 credits

CHEM 2420 Organic Chemistry II 4 credits

CHEM 3310 Physical Chemistry 4 credits

**Note:** Kwantlen BIOL 2321 + BIOL 2421 transfer as UNBC BIOL 311 + CHEM 204, but BIOL 311 is not a requirement for this pathway.

**Other Courses Requirements:**

**All of:**

GEOG 1101 Introduction to Geography 3 credits

GEOG 1110 Introduction to the Atmosphere 3 credits

GEOG 1120 Introduction to Earth Science 3 credits

GEOG 2395 Cartographic Techniques 3 credits

**GRADUATION**

Upon successful completion of this program, students are eligible to receive an **Associate of Science Degree in General Sciences**.

**Geography: Associate of Science**

Faculty of Science and Horticulture	
kwantlen.ca/science	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

**DESCRIPTION**

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of Geography.

**PROGRAM ADMISSION REQUIREMENTS**

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

**CONTENT**

Within the framework of the Associate of Science degree, you must complete at least 60 credits with a minimum overall GPA of 2.0 and a minimum passing grade (D or better) in each course:

**First Year Science Requirements**

**All of:**

CHEM 1110 The Structure of Matter 4 credits

CHEM 1210 Chemical Energetics and Dynamics 4 credits

GEOG 1110 Introduction to the Atmosphere 3 credits

GEOG 1120 Introduction to Earth Science 3 credits

**And two more first year science courses from the following:**

BIOL 1110 Introductory Biology I 4 credits

BIOL 1210 Introductory Biology II 4 credits

CHEM 1105\* Introductory Chemistry 4 credits

CPSC 1100 Introduction to Computer Literacy 3 credits

CPSC 1103	Introduction to Computer Programming I	3 credits
CPSC 1204	Introduction to Computer Programming II	3 credits
MATH 1112*	Pre-Calculus Algebra	3 credits
MATH 1115	Statistics I	3 credits
PHYS 1100*	Introductory Physics	4 credits
PHYS 1101	Physics for Life Sciences I	4 credits
PHYS 1102	Physics for Life Sciences II	4 credits
PHYS 1170	Mechanics I	3 credits
PHYS 1220	Physics for Physical and Applied Sciences II	4 credits

**Notes:**

\* Students intending to transfer to a BSc should confirm transferability.

## Second Year Science Requirements

**Both of:**

GEOG 2310	Climatology	3 credits
GEOG 2320	Geomorphology	3 credits

**And two of:**

GEOG 2330	Introduction to Hydrology	3 credits
GEOG 2340	Biogeography	3 credits
GEOG 2390	Geographic Information and Data Analysis	3 credits
GEOG 2400	Introduction to GIS	3 credits

**And two more second year science courses chosen from:**

BIOL 2320	Genetics	4 credits
BIOL 2321	Cell Biology	4 credits
BIOL 2322	Ecology	4 credits
BIOL 2330	Microbiology	4 credits
BIOL 2421	Cellular Biochemistry	3 credits
CHEM 2311	Physical Chemistry for Life Sciences	3 credits
CHEM 2315	Analytical Chemistry	4 credits
CHEM 3310	Physical Chemistry	4 credits
CHEM 2410	Physical-Inorganic Chemistry	5 credits
CPSC 2405	Introduction to Discrete Mathematics I	3 credits
GEOG 2330	Introduction to Hydrology	3 credits
GEOG 2340	Biogeography	3 credits
GEOG 2390	Geographic Information and Data Analysis	3 credits
GEOG 2395	Cartographic Techniques	3 credits
GEOG 2400	Introduction to GIS	3 credits
MATH 2232	Linear Algebra	3 credits

MATH 2315	Probability and Statistics	3 credits
MATH 2321	Multivariate Calculus (Calculus III)	3 credits
MATH 2331	Introduction to Analysis	3 credits
MATH 2335	Statistics for Life Sciences	3 credits
MATH 3322	Vector Calculus (Calculus IV)	3 credits
MATH 3421	Ordinary Differential Equations	3 credits
PHYS 2101	Experimental Physics I	2.5 credits
PHYS 2201	Experimental Physics II	2.5 credits
PHYS 2330	Intermediate Mechanics	3 credits
PHYS 2420	Intermediate Electricity and Magnetism	3 credits
PHYS 2421	Laboratory in Electric Circuits	2 credits
PHYS 2424	Relativity and Quanta	3 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Science Degree in Geography**.

# Horticulture: Citations

Faculty of Science and Horticulture	
kwantlen.ca/science	
School of Horticulture	
kwantlen.ca/hort	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Citation
OFFERED AT	FORMAT
Langley	Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

If you are looking to acquire specific skills and knowledge backed by a university credential, consider a horticulture citation. Equal to approximately ¼ of a diploma (five to seven courses), a citation can enhance your skills or offer a start on a career. All citation courses are transferable to at least one Kwantlen Horticulture diploma.

Enrol in a citation to:

- develop specific technical skills and knowledge
- apply technical knowledge to solve practical problems
- prepare for employment with an industry specialization
- develop critical thinking skills using industry specific problems

## Eleven different specializations:

### FOUNDATION IN LANDSCAPE DESIGN

Combine plant selection, design theory, and computer aided design to create designs that reflect your client's vision.

### RESIDENTIAL LAWN CARE

It is easy to grow a mediocre lawn and hard to have a great one. Learn the essential skills required to install and maintain great residential and commercial lawns.

### HORTICULTURAL SCIENCE

Study the core disciplines of plant science, soil management, plant identification, and pest management. This citation is an excellent foundation for further study within all horticulture specialities.

### INTRODUCTION TO SUSTAINABLE HORTICULTURE

Discover and apply sustainable practices to either residential landscape horticulture or organic greenhouse crop production.

### ARBORICULTURE

Trees are valuable to our environmental, economic, and cultural well-being. Learn how to maximize that benefit by the proper selection, establishment, and maintenance practices.

## PRODUCTION FACILITIES

Study the principles and practices of the construction, maintenance, and use of greenhouse and nursery facilities and equipment.

## GARDEN CENTRE OPERATIONS

What is it, where do I plant it, and will it grow beside my...? Develop your skills in plant care, plant propagation, and sales and customer service.

## COMMERCIAL HORTICULTURE IN BC

This citation is designed for graduates of agronomy or field based horticulture. Add knowledge of and learn the techniques used in B.C.'s greenhouse and nursery industry.

## PEST MANAGEMENT, PRODUCTION

Pest managers make decisions. Learn how to make better decisions for production horticulture.

## PEST MANAGEMENT, LANDSCAPE

Pest managers make decisions. Learn how to make better decisions for landscape horticulture.

## PEST MANAGEMENT, TURF

Pest managers make decisions. Learn how to make better decisions for turf.

## STUDENT PROFILE

Students who enjoy nature and living systems, are concerned about the environment and sustainable communities, seek the opportunity for hands-on work, and wish to utilize entrepreneurial talents will enjoy horticulture. Individuals with allergies to dust, pollen or plant products, or specific chemicals should be aware of the potential impact on their health. Physical fitness and a healthy back are generally required for a successful career in these horticulture disciplines. Students will be required to work with plant protection products, both biological and chemical.

## CAREER OPPORTUNITIES

The horticulture industry in British Columbia continues to expand to meet the need for horticultural products and services. Industry expansion increases demands on staff at all levels because of a shortage of qualified people. As a result, students will find numerous employment opportunities upon graduation. School of Horticulture graduates have achieved supervisory or managerial roles in greenhouses, golf courses, landscape operations, garden centres, and nursery operations in both the private and public sectors.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

### Foundation in Landscape Design

The following courses (18 credits) are required to complete the citation with this specialization:

**All of:**

HORT 1155	Introduction to Plant Identification	3 credits
HORT 1224	Landscape Drafting	3 credits
HORT 2320	Landscape Design 1	3 credits
HORT 2355	Plant Identification 3	3 credits
HORT 2426	Landscape Construction	3 credits

**And one of:**

HORT 1119	Landscape and the Environment I (not offered every year)	3 credits
HORT 1122	Introduction to Landscape Practices	2 credits

**Residential Lawn Care**

The following courses (16.5 credits) are required to complete the citation with this specialization:

**All of:**

HORT 1101	Pesticide Applicator/Dispenser Certification	0.5 credits
HORT 1104	Soils and Growing Media	3 credits
HORT 1116	Introductory Equipment Maintenance	2 credits
HORT 1134	Turf Maintenance Operations	2 credits
HORT 1217	Introduction to Pest Management	3 credits
HORT 1230	Sustainable Turf Management	3 credits
HORT 2334	Irrigation, Drainage and Lighting	3 credits

**Horticultural Science**

The following courses (15 credits) are required to complete the citation with this specialization:

**All of:**

HORT 1102	Botany for Horticulture	3 credits
HORT 1104	Soils and Growing Media	3 credits
HORT 1155	Introduction to Plant Identification	3 credits
HORT 1217	Introduction to Pest Management	3 credits

**Plus one of:**

HORT 1230	Sustainable Turf Management	3 credits
HORT 1240	Arboriculture I	3 credits
HORT 1261	Plant Propagation	3 credits

**Introduction to Sustainable Horticulture**

The courses will be listed in the near future; please check the department web page in the fall.

**Arboriculture**

The following courses (18 credits) are required to complete the citation with this specialization:

**All of:**

HORT 1102	Botany for Horticulture	3 credits
HORT 1155	Introduction to Plant Identification	3 credits
HORT 1217	Introduction to Pest Management	3 credits
HORT 1240	Arboriculture I	3 credits
HORT 2308	Landscape IPM	3 credits
HORT 2442	Arboriculture II	3 credits

**Production Facilities**

The following courses (15 credits) are required to complete the citation with this specialization:

**All of:**

HORT 1116	Introductory Equipment Maintenance	2 credits
HORT 1171	Production Practices—Fall	2 credits
HORT 1271	Production Practices—Spring	2 credits
HORT 2375	Production Facilities and Equipment	3 credits
HORT 2334	Irrigation, Drainage & Lighting	3 credits
HORT 2473	Greenhouse Environment and its Control	3 credits

**Garden Centre Operations**

The following courses (17.5 credits) are required to complete the citation with this specialization:

**All of:**

HORT 1101	Pesticide Applicator/Dispenser Certification	0.5 credits
HORT 1102	Botany for Horticulture	3 credits
HORT 1155	Introduction to Plant Identification	3 credits
HORT 1217	Introduction to Pest Management	3 credits
HORT 1261	Plant Propagation	3 credits

**And one of:**

HORT 1171	Production Practices - Fall	2 credits
HORT 1271	Production Practices - Spring	2 credits

**And one of:**

HORT 1110	Introduction to Sustainable Horticulture	3 credits
HORT 1119	Landscape & the Environment I (not offered every year)	3 credits
HORT 2355	Plant Identification 3	3 credits

## Commercial Horticulture in BC

The following courses (17 credits) are required to complete the citation with this specialization:

**One of:**

HORT 1171	Production Practices — Fall	2 credits
HORT 1271	Production Practices — Spring	2 credits

**Plus all of:**

HORT 2372	Greenhouse Vegetable Production	3 credits
HORT 2378	Greenhouse Nursery Pests	3 credits
HORT 2463	Nursery Production	3 credits
HORT 2477	Production Management	3 credits

**Plus one of:**

HORT 2371	Fall Floriculture	3 credits
HORT 2479	Spring Floriculture	3 credits

## Pest Management, Production

The following courses (17.5 credits) are required to complete the citation with this specialization:

**All of:**

HORT 1101	Pesticide Applicator/Dispenser Certification	0.5 credits
HORT 1102	Botany for Horticulture	3 credits
HORT 1110	Introduction to Sustainable Horticulture	3 credits
HORT 1155	Introduction to Plant Identification	3 credits
HORT 1217	Introduction to Pest Management	3 credits
HORT 1271	Production Practices - Spring	2 credits
HORT 2378	Greenhouse and Nursery Pests	3 credits

## Pest Management, Landscape

The following courses (15.5 credits) are required to complete the citation with this specialization:

**All of:**

HORT 1101	Pesticide Applicator/Dispenser Certification	0.5 credits
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HORT 1110	Introduction to Sustainable Horticulture	3 credits
HORT 1155	Introduction to Plant Identification	3 credits
HORT 1217	Introduction to Pest Management	3 credits
HORT 2308	Landscape IPM	3 credits

**Plus one of:**

HORT 1240	Arboriculture I	3 credits
HORT 1102	Botany for Horticulture	3 credits

## Pest Management, Turf

The following courses (18.5 credits) are required to complete the citation with this specialization:

**All of:**

HORT 1101	Pesticide Applicator/Dispenser Certification	0.5 credits
HORT 1102	Botany for Horticulture	3 credits
HORT 1104	Soils and Growing Me	3 credits
HORT 1110	Introduction to Sustainable Horticulture	3 credits
HORT 1217	Introduction to Pest Management	3 credits
HORT 1230	Sustainable Turf Management	3 credits
HORT 2333	Turfgrass Pest Management	3 credits

## GRADUATION

Upon successful completion of each of program, students are eligible to receive a **Citation in Horticulture Technology** in their specialization.



# Horticulture: Diploma

Faculty of Science and Horticulture	
kwantlen.ca/science	
School of Horticulture	
kwantlen.ca/hort	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Langley	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Our diploma students acquire the skills, knowledge, and abilities necessary for success in horticulture. The support of employers and alumni ensures courses and programs meet the requirements of industry and the aspirations of graduates. Choose from Greenhouse and Nursery Production, Turf Management, or Landscape Design and Installation.

The diploma programs combine theory and practices. Students use our facilities to gain competence in a range of horticultural skills. Our facilities include glass greenhouses, poly houses, container nursery, turf field lab, landscape field lab, and horticulture science-focused teaching labs.

Many students enter the School of Horticulture to upgrade their skills or to facilitate a career change. Faculty and staff are supportive and sensitive to the issues faced by students who embark on a post-secondary program after a significant period away from school, college, or university.

## Specializations:

The Diploma in Horticulture requires students to choose one of three specializations:

- Greenhouse and Nursery Production
- Landscape Design and Installation
- Turf Management

## GREENHOUSE AND NURSERY PRODUCTION

The greenhouse and nursery sector of the horticulture industry in BC has consistently provided rewarding employment opportunities each year. There is always a demand for knowledgeable and skilled individuals who enjoy working with people and plants. The demand for qualified greenhouse/nursery technologists is high and job opportunities exist in BC and abroad. This program provides students with the knowledge and skills needed to work successfully in the greenhouse production of vegetable, flower or forestry crops, or field and container production of ornamental plants in nursery environments. Graduates may be employed as assistant growers or growers in wholesale and retail nurseries, commercial greenhouse

operations, garden centres and as technical representatives in supply companies.

## LANDSCAPE DESIGN AND INSTALLATION

Public and private landscapes and gardens provide social, economic, and environmental benefits to our communities and have created a demand for individuals trained in landscape design, installation, and maintenance. The Landscape specialization offers exciting opportunities for individuals seeking a career in the landscape industry. Employment opportunities exist for supervisors and managers in residential and commercial landscaping companies, garden design firms, arboriculture companies, municipal park maintenance and management, and in horticulture materials supply companies. The opportunity for self-employment is high.

## TURF MANAGEMENT

Turf management is a key component of the landscape trades, recreation, and tourism industries and a significant component of the provincial economy. Approximately 126,000 hectares of managed turfgrass exist in the province. There is steady growth in the demand for qualified turf managers. Graduates from the program have the skills necessary to achieve management level careers in turfgrass operations. Students will be involved in the ongoing development and maintenance of the golf turf and landscape turf on campus. While many graduates find employment in the golf course industry, opportunities also exist in lawn care, landscape maintenance, athletic field management, commercial sod growing, and management of cemeteries, parks, and recreational facilities. Related careers include golf course construction, equipment supply, and fertilizer and seed sales. A number of turf management graduates have established successful careers in arboriculture.

## Transfer to a Degree

### KWANTLEN BACHELOR OF HORTICULTURE SCIENCE

Degrees have been developed in areas of study that are linked to the Horticulture Diploma programs. Graduates of the program may wish to pursue one of Kwantlen's Bachelor of Horticulture Science degrees.

### KWANTLEN BACHELOR OF BUSINESS ADMINISTRATION

A successful career progression often leads to a management role in industry. While the diploma programs include a solid foundation in business skills, Horticulture Technology Diploma graduates are eligible to transfer into the third year of Kwantlen's Bachelor of Business Administration (in either Entrepreneurial Leadership, Human Resources Management, or Marketing Management). Some additional course work in Accounting, English, Microeconomics, Statistics and Marketing is required to complete the transfer. Students can now combine technology-level training with enhanced business training and receive two credentials (Diploma and Degree) in a 4.5 year course of study. Students who wish to pursue this option should meet with their program chair to discuss some course substitutions that would facilitate transfer to the School of Business degree program.

### OLDS COLLEGE BACHELOR OF APPLIED HORTICULTURE TECHNOLOGY

Graduates of the Technology program may access advanced level admission to the Bachelor of Applied Horticulture Technology at Olds College ([www.oldscollege.ca](http://www.oldscollege.ca)) in Olds, Alberta.

## STUDENT PROFILE

Students who wish to contribute to environmental and community well-being, engage in creative activities, own and operate their own businesses, or engage in hands-on work will enjoy horticulture. Individuals with allergies to dust, pollen or plant products, or specific chemicals should be aware of the potential impact on their health. Physical fitness and a healthy back are generally required for a successful career in these horticulture disciplines.

## CAREER OPPORTUNITIES

In response to increased consumer demand for horticulture products and services, and in response to increasing consumer interest in their environment and sustainability, the horticulture industry is both growing and changing. The combination of growth and change has resulted in a shortage of qualified people for staff and management positions. School of Horticulture technology graduates are in demand for technical, supervisory and management roles in greenhouses, golf courses, landscape design, installation, and maintenance companies, garden centres, nurseries, and municipal park departments. This combination of growth and change is generating the demand for qualified people to staff and manage the numerous employment opportunities available in a vibrant and diverse horticulture industry.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

Students wishing to complete the program without having to undertake any preparatory courses must enter with English 12 with a grade of C+ and Mathematics 11 (Applications or Principles) with a grade of C (or equivalent). Students are encouraged to make an appointment with an Academic Advisor to plan course selections accordingly.

## CONTENT

### Greenhouse and Nursery Production Specialization

Student pursuing a Diploma in Horticulture with a Greenhouse and Nursery Production specialization must complete at least 63 credits including:

#### YEAR 1

##### All of:

##### Fall – Semester 1

CBSY 1105	Introductory Microcomputer Applications	3 credits
HORT 1102	Botany for Horticulture	3 credits
HORT 1116	Introductory Equipment Maintenance	2 credits
HORT 1155	Introduction to Plant Identification	3 credits
HORT 1171	Production Practices – Fall	2 credits
HORT 2472	Forestry Crop Production	2 credits

#### Spring – Semester 2

CMNS 1140	Introduction to Professional Communication	3 credits
HORT 1101	Pesticide Applicator/Dispenser Certification	0.5 credits
HORT 1104	Soils and Growing Media	3 credits
HORT 1217	Introduction to Pest Management	3 credits
HORT 1246	Plant ID for Production	1.5 credits
HORT 1261	Plant Propagation	3 credits
HORT 1271	Production Practices – Spring	2 credits

#### Summer Semester

HORT 2300	Horticultural Work Experience	2 credits
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## YEAR 2

### All of:

#### Fall – Semester 3

BUSI 1209	Business Management in Horticulture	3 credits
HORT 2371	Fall Floriculture	3 credits
HORT 2375	Production Facilities and Equipment	3 credits
HORT 2378	Greenhouse and Nursery Pests	3 credits
HORT 2473	Greenhouse Environments	3 credits

#### Spring – Semester 4

BUSI 1205	Supervisory Skills	3 credits
HORT 2372	Greenhouse Vegetable Production	3 credits
HORT 2463	Nursery Production	3 credits
HORT 2477	Production Horticulture Management	3 credits
HORT 2479	Spring Floriculture	3 credits

## ELECTIVES

### Optional:

HORT 1110	Introduction to Sustainable Horticulture	3 credits
HORT 2490	Organic Greenhouse Crop Production	3 credits

## Landscape Design and Installation Specialization

Student pursuing a Diploma in Horticulture with a Landscape Design and Installation specialization must complete at least 65 credits including:

## YEAR 1

### All of:

#### Fall – Semester 1

CBSY 1105	Introductory Microcomputer Applications	3 credits
HORT 1102	Botany for Horticulture	3 credits
HORT 1116	Introductory Equipment Maintenance	2 credits
HORT 1122	Introduction to Landscape Practices	2 credits
HORT 1155	Intro to Plant Identification	3 credits
HORT 1230	Sustainable Turf Management	3 credits

#### Spring – Semester 2

CMNS 1140	Introduction to Professional Communication	3 credits
HORT 1101	Pesticide Applicator/Dispenser Certification	0.5 credits
HORT 1104	Soils and Growing Media	3 credits
HORT 1217	Introduction to Pest Management	3 credits
HORT 1224	Landscape Drafting	3 credits
HORT 1240	Arboriculture I	3 credits
HORT 1255	Plant Identification II	1.5 credits

#### Summer Semester

HORT 2300	Horticultural Work Experience	2 credits
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## YEAR 2

### All of:

#### Fall – Semester 3

BUSI 1209	Business Management in Horticulture	3 credits
HORT 2308	Landscape IPM	3 credits
HORT 2320	Landscape Design I	3 credits
HORT 2334	Irrigation, Drainage and Lighting	3 credits
HORT 2355	Plant Identification 3	3 credits

#### Spring – Semester 4

BUSI 1205	Supervisory Skills	3 credits
HORT 2412	Landscape Estimating and Contract Administration	3 credits
HORT 2420	Landscape Design II	3 credits
HORT 2426	Landscape Construction	3 credits
HORT 2442	Arboriculture II	3 credits

## ELECTIVES

### Optional:

HORT 1110	Introduction to Sustainable Horticulture	3 credits
HORT 1119	Landscape and the Environment I	3 credits

## Turf Management Specialization

Student pursuing a Diploma in Horticulture with a Turf Management specialization must complete 63.5 credits including:

### YEAR 1

#### All of:

##### Fall – Semester 1

CBSY 1105	Introductory Microcomputer Applications	3 credits
HORT 1102	Botany for Horticulture	3 credits
HORT 1116	Introductory Equipment Maintenance	2 credits
HORT 1134	Turf Maintenance Operations	2 credits
HORT 1155	Intro to Plant Identification	3 credits
HORT 1230	Sustainable Turf Management	3 credits

##### Spring – Semester 2

CMNS 1140	Business and Technical Communication	3 credits
HORT 1101	Pesticide Applicator/Dispenser Certification	0.5 credits
HORT 1104	Soils and Growing Media	3 credits
HORT 1217	Introduction to Pest Management	3 credits
HORT 1240	Arboriculture I	3 credits
HORT 1255	Plant Identification II	1.5 credits
HORT 2304	Grounds Machinery	2 credits

##### Summer Semester

HORT 2300	Horticultural Work Experience	2 credits
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### YEAR 2

#### All of:

##### Fall – Semester 3

BUSI 1209	Business Management in Horticulture	3 credits
HORT 2330	Turfgrass and Environmental Stress	3 credits
HORT 2333	Turfgrass Pest Management	3 credits
HORT 2334	Irrigation, Drainage and Lighting	3 credits
HORT 2335	Sports Turf Management Practices	2.5 credits

### Spring – Semester 4

BUSI 1205	Supervisory Skills	3 credits
HORT 2426	Landscape Construction	3 credits
HORT 2436	Golf Course Management	3 credits
HORT 2437	Golf Course Irrigation Systems: Design and Operations	3 credits
HORT 2442	Arboriculture II	3 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in Horticulture Technology**.

# Landscape Horticulture: Apprenticeship

Faculty of Science and Horticulture	
<a href="http://kwantlen.ca/science">kwantlen.ca/science</a>	
School of Horticulture	
<a href="http://kwantlen.ca/hort">kwantlen.ca/hort</a>	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	No Credential
OFFERED AT	FORMAT
Langley	Full-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

Horticulture Apprenticeship links learning and employment by providing apprentices the opportunity to further their education, while at the same time maintaining full-time employment in the horticulture industry.

Apprentices traditionally sign a registered indentureship agreement with a horticulture employer who is committed to practical on-the-job industry training. Students may indenture through a signed and registered Apprenticeship Agreement between the Provincial Government, the apprentice and their horticulture industry employer. Documents are available online at [www.itabc.ca](http://www.itabc.ca).

During the apprenticeship, students attend technical training sessions for theoretical and practical instruction at Kwantlen in Langley. Technical training sessions are six weeks long. Credit for previous work experience and/or vocational training may be negotiated with the Industry Training Authority (ITA) when the apprenticeship agreement is signed and the student is registered.

The first two levels of the program include fundamental horticulture knowledge and skills. The instruction in levels three and four focuses on Landscape Horticulture. The curriculum used for technical training has been developed and approved by the horticulture industry. It provides relevant, up-to-date information, and is based on recent technological advances in the horticulture field. Typically one level is completed each year but the opportunity exists to complete multiple levels in a single year depending on apprentice/student interest and the technical training schedule.

The proposed technical training schedule can be found on the School of Horticulture website at [kwantlen.ca/registration/timetables/trades/hort-sched](http://kwantlen.ca/registration/timetables/trades/hort-sched). The schedule beyond the current year is subject to change.

Journeypersons in landscape horticulture are in demand. Municipal parks departments, golf courses, landscape contractors, and cemeteries often list a journeyperson certification as a minimum requirement when hiring horticulturists.

## Prior Learning Assessment (PLA)

Apprentices may be granted prior credit for a portion of the required workplace hours or technical training based on their employment. The employer, the apprentice, and ITA determine this jointly, at the time of indentureship. Graduates of Horticulture Certificate programs (Foundation programs or formerly Entry Level Training programs) are eligible to receive credit for Levels 1 and 2 of the technical training. Application for advanced standing in the apprenticeship program must be made to the ITA, not to Kwantlen.

## Costs

In addition to applicable tuition fees, students require the following:

- textbooks (purchased at the beginning of Level 1 and 3)
- school supplies
- safety footwear
- rain gear
- field trips
- travel
- accommodation and food

## Employment Insurance (EI) Eligibility

(for Indentured Apprentices only)

The Horticulture Apprenticeship program is an approved Technical Training Program. Apprentices may be eligible to collect Employment Insurance Benefits during their in-school sessions, as well as additional benefits such as travel and lodging allowances. These details can be verified by contacting your local Service Canada Centre.

## Transfer to a Diploma Program

Horticulture journeypersons (Certificate of Qualification) can continue their education in a Horticulture diploma program. Depending on the diploma specialty selected, journeypersons would receive advanced standing for between 25.5 and 29.5 credits. Journeypersons will have to meet Kwantlen's English entrance requirements to enter the diploma programs.

## STUDENT PROFILE

Students interested in the apprenticeship should have a strong desire for hands-on outdoor work, enjoy nature and living things, be concerned about the environment, and have entrepreneurial talents. Individuals with allergies to dust, pollen or plant products, or specific chemicals should be aware of the potential impact on their health. Physical fitness and a healthy back are generally required for a successful career in horticulture. Apprentices will work with plant protection products.

Apprentices in the practical Horticulture Apprenticeship program come from a number of horticulture enterprises. For example, they may be working for greenhouse owners, tree removal and maintenance companies, nurseries, golf courses, municipal parks, school boards or landscape maintenance/installation companies.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency

Requirement, the following program admission requirements apply.

- An ITA Individual ID number (ITA-ID) is required. If you do not have a ITA-ID, you will need to complete an apprenticeship registration form through the ITA ([www.itabc.ca](http://www.itabc.ca)) prior to admission (Level 1 through to 4).

Technical training is open to any interested person. A minimum of Grade 10 completion is preferred. We strongly recommend that applicants for technical training be presently employed and indentured in the horticulture industry. HortEducationBC ([www.horteducationbc.com](http://www.horteducationbc.com)), the horticulture industry training organization, will indenture individuals in horticulture for one year.

## CONTENT

This program is designed to produce journeypersons with good theoretical and practical training, and experience in the horticulture industry.

Level 1 and Level 2 have the same requirements for both the Landscape Horticulture Apprentice and the Production Horticulture Apprentice. Level 3 and 4 are specialized to each apprenticeship.

### Horticulture Apprentice Level 1 (AHCC 1010)

- AHCC 1011 - Plant Materials I - A1
- AHCC 1012 - Supervisory Skills - B1
- AHCC 1013 - Equipment Maintenance - C1
- AHCC 1014 - Plant Science - Morphology D1
- AHCC 1015 - Plant Health - Signs/Symptoms - E1
- AHCC 1016 - Soil Physical Properties - F1
- AHCC 1017 - Horticulture Practices I - H1
- AHCC 1000 - Level I Final Exam

### Horticulture Apprentice Level 2 (AHCC 1020)

- AHCC 1021 - Plant Materials II - A2
- AHCC 1022 - Supervisory Skills - B2
- AHCC 1023 - Equipment Maintenance II - C2
- AHCC 1024 - Plant Science - Physiology - D2
- AHCC 1025 - Plant Health - Pests, Diseases - E2
- AHCC 1026 - Soil Chemical Properties - F2
- AHCC 1027 - Horticulture Practices II - H2
- AHCC 1028 - Level II Final Exam

### Landscape Horticulture Apprentice Level 3 (AHLN 1030)

- AHLN 1031 - Plant Maintenance III - A3
- AHLN 1032 - Plant Health - Pest Management - E3
- AHLN 1033 - Soil Management in the Landscape - F3
- AHLN 1034 - Plant Care - Pruning - G1
- AHLN 1035 - Irrigation & Drainage Maintenance - I1
- AHLN 1036 - Landscape Estimating - J1
- AHLN 1037 - Turf Maintenance Techniques - L1
- AHLN 1038 - Level III Final Exam

## Landscape Horticulture Apprentice Level 4 (AHLN 1040)

- AHLN 1041 - Plant Materials IV - A4
- AHLN 1042 - Plant Health - IPM programs - E4
- AHLN 1043 - Plant Care - Cultural Operations - G2
- AHLN 1044 - Landscape Installation - H3
- AHLN 1045 - Irrigation & Drainage - Design - I2
- AHLN 1046 - Garden Design Principles - K1
- AHLN 1047 - Turf Maintenance Scheduling - L2
- AHLN 1048 - Level IV Final Exam

## GRADUATION

Upon successful completion of an apprentice level, Kwantlen will report your technical training completion information to the Industry Trade Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

## Mathematics: Associate of Science Degree

Faculty of Science and Horticulture	
kwantlen.ca/science	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of Mathematics.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Science degree, you must complete at least 60 credits with a minimum overall GPA of 2.0 and a minimum passing grade (D or better) in each course:

### First Year Science Requirements

#### All of:

CPSC 1103	Introduction to Computer Programming I	3 credits
CPSC 1204	Introduction to Computer Programming II	3 credits

#### And four more first year science courses from the following:

BIOL 1110	Introductory Biology I	4 credits
BIOL 1210	Introductory Biology II	4 credits
CHEM 1105*	Introductory Chemistry	4 credits
CHEM 1110	The Structure of Matter	4 credits
CHEM 1210	Chemical Energetics and Dynamics	4 credits
CPSC 1100	Introduction to Computer Literacy	3 credits

GEOG 1110	Introduction to the Atmosphere	3 credits
GEOG 1120	Introduction to Earth Science	3 credits
MATH 1112*	Pre-Calculus Algebra	3 credits
MATH 1115	Statistics I	3 credits
PHYS 1100*	Introductory Physics	4 credits
PHYS 1102	Physics for Life Sciences II	4 credits
<b>Or either of:</b>		
PHYS 1101	Physics for Life Sciences I	4 credits
PHYS 1120	Physics for Physical and Applied Sciences I	4 credits
<b>Or either of:</b>		
PHYS 1170	Mechanics I	3 credits
PHYS 1220	Physics for Physical and Applied Sciences II	4 credits

**Notes:**

\* Students intending to transfer to a BSc should confirm transferability.

## Second Year Science Requirements

### Four second year Math courses chosen from:

MATH 2232	Linear Algebra	3 credits
MATH 2315	Probability and Statistics	3 credits
MATH 2321	Multivariate Calculus (Calculus III)	3 credits
MATH 2331	Introduction to Analysis	3 credits
MATH 2335	Statistics for Life Sciences	3 credits
MATH 3322	Vector Calculus (Calculus IV)	3 credits
MATH 3421	Ordinary Differential Equations	3 credits

### And two more second year science courses chosen from:

BIOL 2320	Genetics	4 credits
BIOL 2321	Cell Biology	4 credits
BIOL 2322	Ecology	4 credits
BIOL 2330	Microbiology	4 credits
BIOL 2421	Cellular Biochemistry	3 credits
CHEM 2311	Physical Chemistry for Life Sciences	3 credits
CHEM 2315	Analytical Chemistry	4 credits
CHEM 2410	Physical-Inorganic Chemistry	5 credits
CHEM 3310	Physical Chemistry	4 credits
CPSC 2405	Introduction to Discrete Mathematics I	3 credits
GEOG 2310	Climatology	3 credits
GEOG 2320	Geomorphology	3 credits

GEOG 2330	Introduction to Hydrology	3 credits
GEOG 2390	Geographic Information and Data Analysis	3 credits
GEOG 2395	Cartographic Techniques	3 credits
PHYS 2101	Experimental Physics I	2.5 credits
PHYS 2201	Experimental Physics II	2.5 credits
PHYS 2330	Intermediate Mechanics	3 credits
PHYS 2420	Intermediate Electricity and Magnetism	3 credits
PHYS 2421	Laboratory in Electric Circuits	2 credits
PHYS 2424	Relativity and Quanta	3 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Science Degree in Mathematics**.

# Mathematics: Bachelor of Arts Minor

Faculty of Science and Horticulture	
kwantlen.ca/science	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Bachelor of Arts Minor in Mathematics program is primarily intended for students who plan to enter a post-baccalaureate education program, with mathematics as one of their teachable subjects. It has been developed specifically to meet the requirements of admission to the post-baccalaureate Secondary Education Programs at UBC, SFU and UVic. However, it is also intended for students who are planning professional careers for which a sound foundation in formal or mathematical reasoning is required and for students with a specific interest in mathematics.

The primary focus of the Minor in Mathematics is as an expression of human understanding rather than as a science or an aid to science. The courses included in the Minor in Mathematics are designed with the mathematically interested arts student in mind, concentrating on the development of an understanding of the mathematical enterprise and including topics that illuminate and extend those taught in the secondary school curriculum. The scientific applications of mathematics, however, will continue to be addressed in many of the courses offered.

Teaching has consistently been one of the more frequent career choices for secondary school graduates, and these students require education in teachable subjects before proceeding into a professional program of teacher training. The Minor in Mathematics, when paired with minors in English or History, will provide the necessary background for admission to a School of Education and an excellent path to the attainment of students' career goals. As well, the Minor in Mathematics can form part of a B.A. leading students into other professions such as law or technical writing.

Students within the Bachelor of Arts Minor in Mathematics program will take a general academic program in the first and second year, including at least five mathematics courses in the first four semesters. As well, students will select elective courses from the humanities, social sciences, sciences, fine arts, modern languages, music and business, as per the Bachelor of Arts Degree Framework.

Students completing appropriate courses in Years 1 and 2 will be eligible to exit with an Associate of Science in Mathematics.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- Grade of 'B' in English 12 (or equivalent)
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).

### Year Three Admission:

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Grade of 'C' in either Principles of Math 11 (or equivalent) or Applications of Math 12 (or equivalent).
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.

### Qualifying Year

Students who do not qualify upon initial application to Kwantlen may be eligible for entry to the Qualifying Year. Students who possess at least a 'C' in English 12 (or equivalent) and a passing grade in Principles of Math 11 (or equivalent) or Applications of Math 12 will be able to apply for entry to the BA Qualifying Year. Students will be admitted to the BA program in the second year provided they have successfully completed appropriate qualifying courses. Other applicants who do not qualify are encouraged to consult an Educational Advisor for the appropriate qualifying courses that satisfy the application criteria.

## CONTINUANCE REQUIREMENTS

- 60 credits with a cumulative GPA of 2.00 (including all 1100- and 2000-level major/minor program requirements).
- Grade of 'C' in all required 1000- and 2000-level courses, including the English writing requirement (ENGL 1100 and one of either ENGL 1202 or 1204, or equivalent).
- Two Quantitative courses.
- 12 credits of breadth courses
- Second language at the Grade 11 level or 6 credits of post-secondary language courses in the same language. Note: Students need only achieve a passing grade to fulfill this requirement. Beginner's or Introductory Language 11 courses are ineligible to meet this requirement. Students who can demonstrate competency in a second language may request an assessment to have this requirement waived.



# CONTENT

Students pursuing a Bachelor of Arts degree must complete all requirements in the Bachelor of Arts framework in addition to their major or minor program requirements.

## Years One and Two

Students are required to complete 15 credits of mathematics courses at the 1000 and 2000 level.

### One course from the following\*:

MATH 1120	Differential Calculus	3 credits
MATH 1130	Calculus for Life Sciences I with a grade of C+ or better	3 credits
MATH 1140	Calculus I (Business Applications) with a grade of B- or better	3 credits

### One course from the following\*:

MATH 1220	Integral Calculus	3 credits
MATH 1230	Calculus for Life Sciences II with a grade of C+ or better	3 credits
MATH 1240	Calculus II (Business Applications) with a grade of B- or better	3 credits

### All of these 2000 level MATH courses:

MATH 2321	Multivariate Calculus (Calculus III)	3 credits
MATH 2232	Linear Algebra	3 credits

### One course from the following:

MATH 2341	Introduction to Statistics for Business**	3 credits
MATH 2335	Statistics for Life Sciences**	3 credits
MATH 2315	Probability and Statistics**	3 credits

### Notes:

\* Credit will not be granted for more than one of these courses.

\*\* Students may substitute MATH 1115 Introductory Statistics, but should be aware that it will not satisfy the statistics requirement for admission into the Secondary Education Program at UBC. Students should not take more than one course from this list as only three credits will be recognized as credits towards the Minor in Mathematics degree. Students who desire another lower division Mathematics course should consider MATH 1116 Mathematical Explorations (3 credits) or MATH 2331 Real Analysis (3 credits).

## Years Three and Four

Students will be required to take 15 credits of mathematics courses numbered 3000 and above.

### A minimum of 12 credits from the following:

MATH 3150	Structure of Mathematics	3 credits
MATH 3250	Geometry	3 credits
MATH 3322	Vector Calculus	3 credits

MATH 3421	Differential Equations	3 credits
MATH 3450	History of Mathematics	3 credits
MATH 4150	Number Theory	3 credits
MATH 4250	Special Topics in Mathematics	3 credits

### Required 4000 Level MATH Course

MATH 4350	Senior Project	3 credits
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**Note:** Students planning to enter the Education program at either UBC or SFU will require an additional 3 credits of MATH courses numbered 3000 or higher. Those choosing UBC must also be sure to include MATH 3250 Geometry, MATH 4150 Number Theory and a Statistics course numbered 2000 or higher, (MATH 2341, MATH 2335, or MATH 2315) in their program.

## GRADUATION

Upon successful completion of the minor program, students are eligible to receive a **Minor in Mathematics** as part of a Bachelor of Arts program.

# Physics: Associate of Science

Faculty of Science and Horticulture	
kwantlen.ca/science	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of Physics.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

Within the framework of the Associate of Science degree, you must complete at least 60 credits with a minimum overall GPA of 2.0 and a minimum passing grade (D or better) in each course:

### First Year Science Requirements

#### All of:

CHEM 1110	The Structure of Matter	4 credits
CHEM 1210	Chemical Energetics and Dynamics	4 credits
CPSC 1103	Introduction to Computer Programming I	3 credits
PHYS 1120	Physics for Physical and Applied Sciences I	4 credits
PHYS 1220	Physics for Physical and Applied Sciences II	4 credits

#### And one more first year science courses from the following:

BIOL 1110	Introductory Biology I	4 credits
BIOL 1210	Introductory Biology II	4 credits
CHEM 1105*	Introductory Chemistry	4 credits

CPSC 1100	Introduction to Computer Literacy	3 credits
CPSC 1204	Introduction to Computer Programming II	3 credits
GEOG 1110	Introduction to the Atmosphere	3 credits
GEOG 1120	Introduction to Earth Science	3 credits
MATH 1112*	Pre-Calculus Algebra	3 credits
MATH 1115	Statistics I	3 credits
PHYS 1100*	Introductory Physics	4 credits
PHYS 1170	Mechanics I	3 credits

#### Notes:

\* Students intending to transfer to a BSc should confirm transferability.

## Second Year Science Requirements

#### All of:

PHYS 2330	Intermediate Mechanics	3 credits
PHYS 2424	Relativity and Quanta	3 credits

#### And two second year math courses chosen from:

MATH 2232	Linear Algebra	3 credits
MATH 2315	Probability and Statistics	3 credits
MATH 2321	Multivariate Calculus (Calculus III)	3 credits
MATH 2331	Introduction to Analysis	3 credits
MATH 2335	Statistics for Life Sciences	3 credits
MATH 3322	Vector Calculus (Calculus IV)	3 credits
MATH 3421	Ordinary Differential Equations	3 credits

#### And two additional second year science courses chosen from:

BIOL 2320	Genetics	4 credits
BIOL 2321	Cell Biology	4 credits
BIOL 2322	Ecology	4 credits
BIOL 2330	Microbiology	4 credits
BIOL 2421	Cellular Biochemistry	3 credits
CHEM 2311	Physical Chemistry for Life Sciences	3 credits
CHEM 2315	Analytical Chemistry	4 credits
CHEM 2320	Organic Chemistry I	4 credits
CHEM 2410	Physical-Inorganic Chemistry	5 credits
CHEM 2420	Organic Chemistry II	4 credits
CHEM 3310	Physical Chemistry	4 credits
CPSC 2405	Introduction to Discrete Mathematics I	3 credits
GEOG 2310	Climatology	3 credits

GEOG 2320	Geomorphology	3 credits
GEOG 2330	Introduction to Hydrology	3 credits
GEOG 2390	Geographic Information and Data Analysis	3 credits
GEOG 2395	Cartographic Techniques	3 credits
MATH 2232	Linear Algebra	3 credits
MATH 2315	Probability and Statistics	3 credits
MATH 2321	Multivariate Calculus (Calculus III)	3 credits
MATH 2331	Introduction to Analysis	3 credits
MATH 2335	Statistics for Life Sciences	3 credits
MATH 3322	Vector Calculus (Calculus IV)	3 credits
MATH 3421	Ordinary Differential Equations	3 credits
PHYS 2101	Experimental Physics I	2.5 credits
PHYS 2201	Experimental Physics II	2.5 credits
PHYS 2330	Intermediate Mechanics	3 credits
PHYS 2420	Intermediate Electricity and Magnetism	3 credits
PHYS 2421	Laboratory in Electric Circuits	2 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Science Degree in Physics**.

# Plant Health: Bachelor of Horticulture Science Major

Faculty of Science and Horticulture	
kwantlen.ca/science	
School of Horticulture	
kwantlen.ca/hort	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley	Full-time Part-time Co-op
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The new Bachelor of Horticulture Science program is an interdisciplinary program that combines horticulture, business, mathematics, biology, and chemistry. Students will combine technical training in horticulture (trade and technology) with the science of horticulture to resolve community, industry, or research related problems. Innovation and creative thinking are important essential skills that students gain through their involvement in research and enterprise projects. The important themes of the program are the roles of sustainable horticulture in our communities and environments, and the cultural, social, and economic influences on sustainable horticulture.

The Bachelor of Horticulture Science program has the following strengths:

- Customized education through the selection of electives that support learner educational goals
- Laddering within the School of Horticulture programs and articulation with other horticulture programs in BC to support lifelong learning
- Emphasis on the economic, environmental, and social components of sustainability
- Strong connections with the horticulture industry and community groups
- Development of essential skills such as teamwork, creative thinking, problem solving, and communication
- Capstone research courses which include a business plan and the application of new skills to a community based issue
- Required work experience in the first two years and in the community based project during the 4th year

Plant Health students address the impacts of plant dysfunction on the local, regional, and international practice of horticulture. The recognition of plant health, the diagnosis of poor plant performance, and the analysis of plant health programs form the core educational goals. Of interest is that students will explore the impacts of weeds, pests, and diseases as well as the impact of pest management tactics on the environment. A unique feature of

the program is the recognition of horticulture as part international trade and the impact of pests and diseases on the movement of plants and plant products around the globe.

Students may have the opportunity to engage in international studies. Recently students participated in a three month exchange to Cuba where they worked on a range of plant health related research.

## STUDENT PROFILE

Individuals interested in improving the quality of our urban greenspace whether from high school, horticulture industry, community, or university and college programs in the life sciences or environmental studies are encouraged to apply. This program will appeal to students who are interested in a program where they will both analyze problems and implement solutions that enhance and protect our greenspaces. Students with an interest in the effects of public policy and varied societal perspectives on the implementation of sustainable practices in urban greenspaces will also find this program of value.

Students interested in the specific horticulture industry sectors of greenhouse and nursery production, landscape design and installation, or turf management will be able to complete a of Diploma in Horticulture Technology as a foundation to completing the Bachelor of Horticulture Science.

## CAREER OPPORTUNITIES

Upon completing the Bachelor of Horticulture Science graduates will be qualified to compete for:

- Technical positions in the Environmental Sector of the Economy
- Landscape and Grounds Maintenance Contractors
- Urban Horticulturists
- Growers in Production Horticulture Operations
- Plant Protection Inspectors
- IPM specialists or managers in public or private organizations
- Crop Consultants
- Golf Course Superintendents
- Technical Representatives for Horticulture or Agriculture Supply Companies
- Parks Managers
- Specialized Horticulture Enterprises (i.e. Green Roof Installation and Maintenance)
- Landscape Architecture (B. Sc. Hort. is a potential qualifying program)
- Graduate studies in Horticulture or related fields (subject to specific graduate school admission requirements)

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- English 12 with a B grade (or equivalent)
- Math 11 with a C grade (or equivalent)
- Chemistry 11 with a C+ grade (or equivalent)

### Year Three Admission:

- Horticulture Technology diploma or equivalent with a Program Grade Point Average of 2.5
- English 12 with a B or equivalent (writing the Kwantlen Polytechnic University English Placement Test is recommended if a candidate cannot meet the required minimum letter grade)
- Principles of Math 11 with a C or equivalent
- Chemistry 11 with a C+ or equivalent
- General Education 6 credits ( a 3 credit course other than a HORT designated course plus a 3 credit course in Economics from the School of Business)
- HORT 1110 Introduction to Sustainable Horticulture (3 credits)

## CONTENT

The Bachelor of Horticulture Science, Major in Urban Ecosystems consists of 125 credits of course work.

## Horticulture Science Degree Requirements

### YEAR 1 AND YEAR 2

#### All of:

BUSI 1205	Supervisory Skills	3 credits
BUSI 1209	Business Management in Horticulture	3 credits
CBSY 1105	Introductory Microcomputer Applications	3 credits
CMNS 1140	Introduction to Professional Communication	3 credits
HORT 1102	Botany for Horticulture	3 credits
HORT 1104	Soils and Growing Media	3 credits
HORT 1110	Introduction to Sustainable Horticulture	3 credits
HORT 1155	Introduction to Plant Identification	3 credits
HORT 1217	Introduction to Pest Management	3 credits
HORT 2300	Horticultural Work Experience	2 credits

#### Plus one of:

HORT 2308	Landscape IPM	3 credits
HORT 2333	Turfgrass Pest Management	3 credits
HORT 2378	Greenhouse and Nursery Pests	3 credits

#### Plus two Liberal Education electives (6 credits)

#### Plus 24 credits (9 credits at the 2000 level) selected from the following list:

HORT 1116	Introductory Equipment Maintenance	2 credits
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HORT 1122	Introduction to Landscape Practices	2 credits
HORT 1134	Turf Maintenance Operations	2 credits
HORT 1171	Production Practices - Fall	2 credits
HORT 1224	Landscape Drafting	3 credits
HORT 1230	Sustainable Turf Management	3 credits
HORT 1240	Arboriculture I	3 credits
HORT 1246	Plant ID for Production	1.5 credits
HORT 1255	Plant Identification 2	1.5 credits
HORT 1261	Plant Propagation	3 credits
HORT 1271	Production Practices - Spring	2 credits
HORT 2304	Grounds Machinery	2 credits
HORT 2320	Landscape Design 1	3 credits
HORT 2330	Turfgrass and Environmental Stress	3 credits
HORT 2334	Irrigation, Drainage and Lighting	3 credits
HORT 2335	Sports Turf Management Practices	2.5 credits
HORT 2355	Plant Identification 3	3 credits
HORT 2371	Fall Floriculture	3 credits
HORT 2372	Greenhouse Vegetable Production	3 credits
HORT 2375	Production Facilities and Equipment	3 credits
HORT 2412	Landscape Estimating and Contract Administration	3 credits
HORT 2420	Landscape Design II	3 credits
HORT 2426	Landscape Construction	3 credits
HORT 2436	Golf Course Management	3 credits
HORT 2437	Golf Course Irrigation Systems: Design and Operations	3 credits
HORT 2442	Arboriculture II	3 credits
HORT 2463	Nursery Production	3 credits
HORT 2472	Forest Crop Production	2 credits
HORT 2473	Greenhouse Environment and its Control	3 credits
HORT 2477	Production Management	3 credits
HORT 2479	Spring Floriculture	3 credits
HORT 2490	Organic Greenhouse Crop Production	3 credits

## YEAR 3 AND YEAR 4

### All of:

BIOL 1110	Introductory Biology I	4 credits
ENGL 1100	Reading, Writing and Thinking: An Introduction	3 credits

ENVI 1106	Environmental Chemistry	3 credits
MATH 1117	Environmental Mathematics	3 credits
PHIL 3033	Business Ethics	3 credits

### And three credits of Liberal Education Electives

### And three credits of upper level writing intensive electives

### And:

12 credits of upper level horticulture. The courses will be listed in the near future; please check the department web page in the fall.

## Plant Health Major

In addition to the Horticulture Science Degree Requirements (above), students must complete:

### All of:

BIOL 1210	Introductory Biology II	4 credits
MATH 1115	Statistics I	3 credits

21 credits of upper level Horticulture (plant health) courses. The courses will be listed in the near future; please check the department web page in the fall.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Bachelor of Horticulture Science in Plant Health**.

# Production Horticulture: Apprenticeship

Faculty of Science and Horticulture	
kwantlen.ca/science	
School of Horticulture	
kwantlen.ca/hort	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	No Credential
OFFERED AT	FORMAT
Langley	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Horticulture Apprenticeship links learning and employment by providing apprentices the opportunity to further their education, while at the same time maintaining full-time employment in the horticulture industry.

Apprentices traditionally sign a registered indentureship agreement with a horticulture employer who is committed to practical on-the-job industry training. Students may indenture through a signed and registered Apprenticeship Agreement between the Provincial Government, the apprentice and their horticulture industry employer. Documents are available online at [www.itabc.ca](http://www.itabc.ca).

During the apprenticeship, students attend technical training sessions for theoretical and practical instruction at Kwantlen in Langley. Technical training sessions are six weeks long. Credit for previous work experience and/or vocational training may be negotiated with the Industry Training Authority (ITA) when the apprenticeship agreement is signed and the student is registered.

The first two levels of the program include fundamental horticulture knowledge and skills. The instruction in levels three and four focuses on Production Horticulture. The curriculum used for technical training has been developed and approved by the horticulture industry. It provides relevant, up-to-date information, and is based on recent technological advances in the horticulture field. Typically one level is completed each year but the opportunity exists to complete multiple levels in a single year depending on apprentice/student interest and the technical training schedule.

The proposed technical training schedule can be found on the School of Horticulture website at [kwantlen.ca/registration/timetables/trades/hort-sched](http://kwantlen.ca/registration/timetables/trades/hort-sched). The schedule beyond the current year is subject to change.

Journeypersons in production horticulture are in demand. Municipal parks departments and nurseries often list a journeyperson certification as a minimum requirement when hiring horticulturists.

## Prior Learning Assessment (PLA)

Apprentices may be granted prior credit for a portion of the required workplace hours or technical training based on their employment. The employer, the apprentice, and ITA determine this jointly, at the time of indentureship. Graduates of Horticulture Certificate programs (Foundation programs or formerly Entry Level Training programs) are eligible to receive credit for Levels 1 and 2 of the technical training. Application for advanced standing in the apprenticeship program must be made to the ITA, not to Kwantlen.

## Costs

In addition to applicable tuition fees, students require the following:

- textbooks (purchased at the beginning of Level 1 and 3)
- school supplies
- safety footwear
- rain gear
- field trips
- travel
- accommodation and food

## Employment Insurance (EI) Eligibility

(for Indentured Apprentices only)

The Horticulture Apprenticeship program is an approved Technical Training Program. Apprentices may be eligible to collect Employment Insurance Benefits during their in-school sessions, as well as additional benefits such as travel and lodging allowances. These details can be verified by contacting your local Service Canada Centre.

## Transfer to a Diploma Program

Horticulture journeypersons (Certificate of Qualification) can continue their education in a Horticulture diploma program. Depending on the diploma specialty selected, journeypersons would receive advanced standing for between 25.5 and 29.5 credits. Journeypersons will have to meet Kwantlen's English entrance requirements to enter the diploma programs.

## STUDENT PROFILE

Students interested in the apprenticeship should have a strong desire for hands-on outdoor work, enjoy nature and living things, be concerned about the environment, and have entrepreneurial talents. Individuals with allergies to dust, pollen or plant products, or specific chemicals should be aware of the potential impact on their health. Physical fitness and a healthy back are generally required for a successful career in horticulture. Apprentices will work with plant protection products.

Apprentices in the practical Horticulture Apprenticeship program come from a number of horticulture enterprises. For example, they may be working for greenhouse owners, nurseries, municipal parks, or school boards.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- An ITA Individual ID number (ITA-ID) is required. If you do not have a ITA-ID, you will need to complete an apprenticeship registration form through the ITA ([www.itabc.ca](http://www.itabc.ca)) prior to admission (Level 1 through to 4).

Technical training is open to any interested person who meets the admission requirements. HortEducationBC ([www.horteducationbc.com](http://www.horteducationbc.com)), the horticulture industry training organization, will indenture individuals in horticulture for one year.

## CONTENT

This program is designed to produce journeypersons with good theoretical and practical training, and experience in the horticulture industry.

Level 1 and Level 2 have the same requirements for both the Landscape Horticulture Apprentice and the Production Horticulture Apprentice. Level 3 and 4 are specialized to each apprenticeship.

### Horticulture Apprentice Level 1 (AHCC 1010)

- AHCC 1011 - Plant Materials I - A1
- AHCC 1012 - Supervisory Skills - B1
- AHCC 1013 - Equipment Maintenance - C1
- AHCC 1014 - Plant Science - Morphology - D1
- AHCC 1015 - Plant Health - Signs/Symptoms - E1
- AHCC 1016 - Soil Physical Properties - F1
- AHCC 1017 - Horticulture Practices I - H1
- AHCC 1000 - Level I Final Exam

### Horticulture Apprentice Level 2 (AHCC 1020)

- AHCC 1021 - Plant Materials II - A2
- AHCC 1022 - Supervisory Skills - B2
- AHCC 1023 - Equipment Maintenance II - C2
- AHCC 1024 - Plant Science - Physiology - D2
- AHCC 1025 - Plant Health - Pests, Diseases - E2
- AHCC 1026 - Soil Chemical Properties - F2
- AHCC 1027 - Horticulture Practices II - H2
- AHCC 1028 - Level II Final Exam

### Production Horticulture Apprentice Level 3 (AHPR 1030)

- AHPR 1031 - Plant Materials III - A3
- AHPR 1032 - Pest Control Techniques for Nursery Production - E5
- AHPR 1033 - Management of Soil & Media - F4
- AHPR 1034 - Plant Propagation - M1
- AHPR 1035 - Container Nursery Production - M2
- AHPR 1036 - Systems & Controls - N1
- AHPR 1037 - Phytosanitary Systems - O1
- AHPR 1003 - Production Horticulture Apprentice Final Exam

### Production Horticulture Apprentice Level 4 (AHPR 1040)

- AHPR 1041 - Plant Materials IV - A4
- AHPR 1042 - IPM Programs for Nurseries - E6

- AHPR 1043 - Field Nursery Production - M3
- AHPR 1044 - Production Management - M4
- AHPR 1045 - Irrigation and Drainage - N2
- AHPR 1046 - Phytosanitary Certification - O2
- AHPR 1004 - Production Horticulture Apprentice Final Exam

## GRADUATION

Upon successful completion of an apprentice level, Kwantlen will report your technical training completion information to the Industry Trade Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Science & Math Information

Faculty of Science and Horticulture	
kwantlen.ca/science	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Not applicable	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	No Credential
OFFERED AT	FORMAT
Langley Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

Kwantlen has, since 1981 as a college, followed by university college, and now as a designated polytechnic university, offered first and second year university transfer courses taken by thousands of students over that time for Bachelor of Science degree completion at any other university in British Columbia, or elsewhere. Similarly, it has offered the first year of engineering towards a Bachelor of Engineering or Applied Science, most often at UBC, UVic and SFU. For students lacking the high school courses, or grades in such, for direct entry into Year 1 courses, Kwantlen has also offered courses to meet this requirement.

Kwantlen currently offers the first two years of mathematics and science courses towards a Bachelor of Science degree in Biology, Chemistry, Mathematics or Physics. Students wishing to complete their Bachelor of Science degree can readily transfer to UBC, SFU, UVic, UNBC, or any other university college in British Columbia that offers a Bachelor of Science.

## PROGRAM ADMISSION REQUIREMENTS

Admission to a Kwantlen program is required to access Science courses.

## CONTENT

### Astronomy

If you find yourself staring into the sky at night, curious about the solar system or the universe in general, one or more of these courses might be for you.

ASTR 1100 (Introduction to Astronomy) is a lab-science course for non-science students. No prior study of Physics or Astronomy is required. Topics include the Earth, Solar System, Milky Way, galaxies and cosmology.

ASTR 1105 (Basic Astronomy) is a science course for non-science students. The course is similar to ASTR 1100 (introduction to Astronomy) but has no lab component. No prior study of Physics or Astronomy is required. Topics include the Earth, Solar System, Milky Way, galaxies and cosmology.

ASTR 3110 (Exploring the Solar System) is a course that surveys recent discoveries about the planets and other objects in the solar systems. Topics also include the Sun, the existence of planetary systems around other stars, and the search for life.

ASTR 3111 (Exploring Stars & Galaxies) is a course that surveys recent discoveries in modern astronomy. Topics also include the Sun, stars, pulsars, black holes, galaxies, quasars and the origin and evolution of the universe.

ASTR 1120 (Introduction to Astrophysics) is an introductory course in astronomy designed for science students. It can be taken as an elective toward Bachelor of Science degrees in many disciplines including biology, chemistry, mathematics, physics and geography. Topics include the Earth, Solar System, Milky Way, galaxies and cosmology. ASTR 1120 is not intended for students majoring in astronomy. Those students are advised to enter directly into ASTR 2101 and 2102.

ASTR 2101 (Astrophysics I: Stellar Astrophysics) and ASTR 2102 (Astrophysics II: Galactic Astronomy) are Astronomy courses for science students who are more seriously interested in astronomy and physics. These courses do not have lab components and are often suitable as electives for students majoring in the sciences (chemistry, biology, physics) – they are core courses for astronomy majors. ASTR 1120 is NOT a prerequisite.

### Notes:

ASTR 1100, ASTR 3110 and ASTR 3111 are for students majoring in fields other than science. (ASTR 3110 and ASTR 3111 do not have a lab component). These three courses can be used to meet the Liberal Education requirements of many of Kwantlen's applied degrees, as well as to meet the Q (Quantitative) and B (Breadth) requirements for the Bachelor of Arts degrees.

ASTR 1105, 1120, 2101 and 2102 are not offered every year. Please consult the department for scheduling information.

For further information visit the Department of Physics website at [kwantlen.ca/physics](http://kwantlen.ca/physics).

## Biology

Kwantlen offers a full range of first and second year Biology courses. All Biology courses (except BIOL 2421 - Cellular Biochemistry) have both lecture and laboratory components.

BIOL 1110 and BIOL 1210 (Introductory Biology I & II) – are required for students majoring in Biology and are prerequisites for all second year Biology courses. These courses operate on an Open Lab system in which students may do their lab work at any time during the laboratory's opening hours. (Open hours are posted at the lab entrance and are available on the Biology department's web site). Students should expect to spend as many as six hours per week in the laboratory, and must consider this time commitment when timetabling. BIOL 1110 and 1210 have one 2-hour class each week in addition to this lab time.

BIOL 1160 and BIOL 1260 (Anatomy and Physiology I & II) – have one 2-hour class and a 1-hour question-and-answer period each week in addition to open lab time.

Second year courses have two 2-hour classes per week combined with a scheduled 2-hour lab (BIOL 2330 {Microbiology}), open lab time (BIOL 2320 {Genetics}, 2321{Cell Biology}), or open lab time and scheduled field trips (BIOL 2322 {Ecology}).

**Note:** These are Biology courses, and the use of animal and plant tissues may be required.



For further information contact the Department of Biology ([kwantlen.ca/biology](http://kwantlen.ca/biology)).

## Chemistry

All Chemistry courses have both a lecture and a lab component with the exception of CHEM 2311 (Physical Chemistry for Life Sciences).

Students intending to transfer into the second year of a university program are advised to refer to the appropriate university calendar for the specific course requirements, or contact an Educational Advisor.

Mathematics is a requirement in many university programs and most chemistry courses offered at Kwantlen possess mathematics prerequisites. For this reason, students are advised to consider carefully the sequence of math and chemistry courses taken. The following sequence is suggested to permit students to progress smoothly through chemistry and mathematics in the minimum number of semesters. Students should start at the level consistent with their previous experience.

- Students with no previous chemistry and little mathematics should take CHEQ 1094 (Preparation for General Chemistry) and MATQ 1093 (Intermediate Algebra)
- Math 11 or Pre-calculus 11 (with a C or better) or MATQ 1093 should take CHEM 1105 (Introductory Chemistry) and MATH 1112 (Pre-Calculus Algebra). [MATH 1112 has a prerequisite: Students with Chemistry 11 (and a letter grade of C+ or better) and Math 11 (either Principles of Math 11 or Pre-calculus 11) with a B.]
- Students with Chemistry 12 (and a letter grade of C+ or better) and Math 12 (either Principles of Math 12 or Pre-calculus 12) (with a B or better) or (a C grade plus Mathematics Placement Test) or MATH 1112 should take the following:

**Semester 1:** CHEM 1110 and MATH 1120

**Semester 2:** CHEM 1210 and MATH 1220

Students may also take higher level chemistry at Kwantlen. Organic Chemistry (CHEM 2320 and CHEM 2420), Analytical Chemistry (CHEM 2315), and Physical Chemistry for both the Physical Sciences and Life Sciences (CHEM 3310 and CHEM 2311) are all offered and all transfer to British Columbia universities.

CHEM 1101 (CSI: Chemical Science Investigation) – for students who require a lab-science or quantitative requirement but do not want a typical science course, CHEM 1101 is an option. This course is tailored to meet the needs of students with little or no background in sciences and math and explains the chemistry behind forensic science. The lab aspect of the course is of particular benefit to students pursuing elementary education.

For further information contact the Department of Chemistry ([kwantlen.ca/chemistry](http://kwantlen.ca/chemistry)).

## Environmental Protection

Environmental Protection offers three courses to students from other disciplines who wish to learn more about the environment, and/or require it in their program of study.

ENVI 2305 (Environmental Toxicology) is required for students who wish to take the Environmental Toxicology program at SFU.

ENVI 3112 (Environment and Society) is a discussion course that studies the role the media, the artistic community, business, and cultural groups play in environmental disputes.

ENVI 3212 (The Urban Environment) is a course that discusses urban environmental issues from a variety of political, social, activist, and scientific perspectives.

ENVI 3112 and ENVI 3212 qualify as Liberal Education electives.

For further information visit the Department of Environmental Protection website at [kwantlen.ca/science/environment](http://kwantlen.ca/science/environment).

## Mathematics

Many university departments require credits in mathematics at the first-year or second-year level for admission to certain upper-level courses. Students are therefore urged to consult the appropriate calendars, educational advising, or a mathematics instructor at Kwantlen for details of specific mathematics requirements.

### MATHEMATICS COURSES FOR SCIENCE STUDENTS

The normal sequence of mathematics courses for students who wish to receive credit for first-year calculus in sciences or applied sciences should be:

- MATH 1120 (Differential Calculus)
- MATH 1220 (Integral Calculus)

Students who intend to complete their second year of a science program at Kwantlen may (depending on their program) also require MATH 2315 (Probability and Statistics), 2321 (Multivariate Calculus {Calculus III}), 2331 (Introduction to Analysis), 2335 (Statistics for Life Sciences), 3322 (Vector Calculus {Calculus IV}), 3421 (Ordinary Differential Equations)

**Note:** First-year science calculus (MATH 1120, 1220 or in some cases MATH 1130, 1230) are required for those planning to study mathematics, science, applied science, agriculture, forestry, pharmacy, medicine or dentistry.

### MATHEMATICS COURSES FOR BUSINESS, COMMERCE AND ECONOMICS STUDENTS

Students wishing to transfer to a commerce, business administration or economics degree program at a university should consult the appropriate calendar or speak with educational advising with regard to mathematics requirements. However, the normal sequence of courses should be as per the following:

#### UBC

MATH 1120, 1130 or 1140 (Calculus I {Business Applications}) and 1220 or 1230 or 1240 (Calculus II {Business Applications})  
SFU MATH 1140, 1240, 2341 (Introduction to Statistics)

#### UVic

MATH 1120 or 1140 and 1220 or 1240

### MATHEMATICS COURSES FOR NON-SCIENCE STUDENTS

Students whose major interests lie outside of the sciences and who would like to study the structure and development of Mathematics from the point of view of the non-mathematician are encouraged to take MATH 1116 (Mathematical Explorations). Students with a P or better in either Principles of Math 11 or Applications of Math 11 are eligible to take this course. This course can be used to partially fulfill the quantitative requirement for the B.A. degree.

For further information visit the Department of Mathematics website at [kwantlen.ca/science/mathematics](http://kwantlen.ca/science/mathematics).

## Physics

The Physics Department offers first and second year physics courses that are foundational for Kwantlen Bachelor of Science degrees and that also transfer readily to other post-secondary

institutions (see Transfer Guide). Many Physics courses have both a lecture and a lab component. Not all courses are offered every semester. Students are encouraged to contact Educational Advisors or any Physics instructor for information and guidance.

PHYS 1100 (Introductory Physics) is a preparatory course for students who have not taken Physics 12.

PHYS 1101 (Physics for Life Sciences I) and PHYS 1102 (Physics for Life Sciences II) are first year Physics courses for Life Science students, and include lab components. (PHYS 1220 (Physics for Physical & Applied Sciences II) can be taken in lieu of PHYS 1102.)

PHYS 1112 (Reel Physics) is a course aimed at non-science majors that explores physics portrayed in pop culture. Movies will be a main focus of this course! You can learn to tell if a movie stunt is real, or see just how much fiction is in science fiction. This course is designed to meet the Liberal Education requirements of many of Kwantlen's applied degrees, as well as for meeting the Q (Quantitative) and B (Breadth) requirements of the Bachelor of Arts degrees.

PHYS 1120 (Physics for Physical & Applied Sciences I) and 1220 (Physics for Physical & Applied Sciences II) are first year Physics courses for Physical Science and Applied Science students, and include lab components.

PHYS 1170 (Mechanics I) is a Mechanics course for Applied Science students.

PHYS 2101 (Experimental Physics I)/2201 (Experimental Physics II), 2330 (Intermediate Mechanics) and 2424 (Relativity and Quanta) are second year courses in Experimental Physics, Mechanics and Special Relativity & Quantum Physics, respectively.

PHYS 3202 (Biophysics) is about analyzing biological systems and problems using the principles of physics. Areas of study include: how animals move, limitation on the size of organisms, how body heat is regulated, and how eyes and ears work.

For further information, visit the Department of Physics website at [kwantlen.ca/physics](http://kwantlen.ca/physics).

## GRADUATION

These courses may be used towards many Kwantlen credentials.

# Science: Diploma

Faculty of Science and Horticulture	
<a href="http://kwantlen.ca/science">kwantlen.ca/science</a>	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

This credential is awarded in recognition of a substantial course profile in science taken at Kwantlen. There is no recognition of a Diploma of Science with respect to transferring to a receiving institution other than transfer credit on a course-by-course basis.

## PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

## CONTENT

60 credits (Kwantlen credits) in 1100 and 2000 level courses with a minimum overall cumulative GPA of 2.00 in the courses that count towards the Diploma, including:

- 3 credits (1 course) in first year English
- Any two of MATH 1112, 1115, 1120, 1130, 1220 or 1230, at least one of which must be Calculus
- 20 credits of level 1100 and 1200 courses drawn from at least two of the following disciplines: Biology, Chemistry, Physics; and
- 2 courses at level 2300 and 2400 in Biology, Chemistry, Physics or Mathematics (excluding MATH 2341)

**Note:** Students should be careful to choose their remaining credits according to program requirements at the university, or institute of technology where they wish to complete their Degree.

**Note:** A maximum of 45 credits (none at the 2300 or 2400 level) can be transferred into Kwantlen through a combination of courses taken at another institution or granted through Prior Learning Assessment.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in Science**.

# Urban Ecosystems: Bachelor of Horticulture Science Major

Faculty of Science and Horticulture	
kwantlen.ca/science	
School of Horticulture	
kwantlen.ca/hort	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Baccalaureate Degree
OFFERED AT	FORMAT
Langley	Full-time Part-time Co-op
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The new Bachelor of Horticulture Science program is an interdisciplinary program that combines horticulture, business, mathematics, biology, and chemistry. Students will combine technical training in horticulture (trade and technology) with the science of horticulture to resolve community, industry, or research related problems. Innovation and creative thinking are important essential skills that students gain through their involvement in research and enterprise projects. The important themes of the program are the roles of sustainable horticulture in our communities and environments, and the cultural, social, and economic influences on sustainable horticulture.

The Bachelor of Horticulture Science program has the following strengths:

- Customized education through the selection of electives that support learner educational goals
- Laddering within the School of Horticulture programs and articulation with other horticulture programs in BC to support lifelong learning
- Emphasis on the economic, environmental, and social components of sustainability
- Strong connections with the horticulture industry and community groups
- Development of essential skills such as teamwork, creative thinking, problem solving, and communication
- Capstone research courses which include a business plan and the application of new skills to a community based issue
- Required work experience in the first two years and in the community based project during the 4th year

Urban Ecosystems students study the impacts of horticultural activities in the urban environment. Students will learn how to assess the characteristics of urban ecosystems as they relate to landscape function and health. Outcomes include the ability to monitor and analyze the impact of horticultural activities on the

local environment, remediate inefficient or ineffective gardens or landscapes, and install landscape features that make a positive contribution to the goal of a sustainable community. Of particular interest is the functioning of urban greenspaces at the edges of residential, industrial, agricultural, and natural habitats.

Students may have the opportunity to engage in international studies. Recently students participated in a three month exchange to Cuba where they worked on a range of plant health related research.

## STUDENT PROFILE

Individuals interested in improving the quality of our urban greenspace whether from high school, horticulture industry, community, or university and college programs in the life sciences or environmental studies are encouraged to apply. This program will appeal to students who are interested in a program where they will both analyze problems and implement solutions that enhance and protect our greenspaces. Students with an interest in the effects of public policy and varied societal perspectives on the implementation of sustainable practices in urban greenspaces will also find this program of value.

Students interested in the specific horticulture industry sectors of greenhouse and nursery production, landscape design and installation, or turf management will be able to complete a Diploma in Horticulture Technology as a foundation to completing the Bachelor of Horticulture Science.

## CAREER OPPORTUNITIES

Upon completing the Bachelor of Horticulture Science graduates will be qualified to compete for:

- Technical positions in the Environmental Sector of the Economy
- Landscape and Grounds Maintenance Contractors
- Urban Horticulturists
- Growers in Production Horticulture Operations
- Plant Protection Inspectors
- IPM specialists or managers in public or private organizations
- Crop Consultants
- Golf Course Superintendents
- Technical Representatives for Horticulture or Agriculture Supply Companies
- Parks Managers
- Specialized Horticulture Enterprises (i.e. Green Roof Installation and Maintenance)
- Landscape Architecture (B. Sc. Hort. is a potential qualifying program)
- Graduate studies in Horticulture or related fields (subject to specific graduate school admission requirements)

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply:

### Year One Admission:

- English 12 with a B grade (or equivalent)
- Math 11 with a C grade (or equivalent)

- Chemistry 11 with a C+ grade (or equivalent)

## Year Three Admission:

- Horticulture Technology diploma or equivalent with a Program Grade Point Average of 2.5
- English 12 with a B or equivalent (writing the Kwantlen Polytechnic University English Placement Test is recommended if a candidate cannot meet the required minimum letter grade)
- Principles of Math 11 with a C or equivalent
- Chemistry 11 with a C+ or equivalent
- General Education 6 credits ( a 3 credit course other than a HORT designated course plus a 3 credit course in Economics from the School of Business)
- HORT 1110 Introduction to Sustainable Horticulture (3 credits)

## CONTENT

The Bachelor of Horticulture Science, Major in Urban Ecosystems consists of 121 credits of course work.

## Horticulture Science Degree Requirements

### YEAR 1 AND YEAR 2

#### All of:

BUSI 1205	Supervisory Skills	3 credits
BUSI 1209	Business Management in Horticulture	3 credits
CBSY 1105	Introductory Microcomputer Applications	3 credits
CMNS 1140	Introduction to Professional Communication	3 credits
HORT 1102	Botany for Horticulture	3 credits
HORT 1104	Soils and Growing Media	3 credits
HORT 1110	Introduction to Sustainable Horticulture	3 credits
HORT 1155	Introduction to Plant Identification	3 credits
HORT 1217	Introduction to Pest Management	3 credits
HORT 2300	Horticultural Work Experience	2 credits

#### Plus one of:

HORT 2308	Landscape IPM	3 credits
HORT 2333	Turfgrass Pest Management	3 credits
HORT 2378	Greenhouse and Nursery Pests	3 credits

#### Plus two Liberal Education electives (6 credits)

#### Plus 24 credits (9 credits at the 2000 level) selected from the following list:

HORT 1116	Introductory Equipment Maintenance	2 credits
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HORT 1122	Introduction to Landscape Practices	2 credits
HORT 1134	Turf Maintenance Operations	2 credits
HORT 1171	Production Practices - Fall	2 credits
HORT 1224	Landscape Drafting	3 credits
HORT 1230	Sustainable Turf Management	3 credits
HORT 1240	Arboriculture I	3 credits
HORT 1246	Plant ID for Production	1.5 credits
HORT 1255	Plant Identification 2	1.5 credits
HORT 1261	Plant Propagation	3 credits
HORT 1271	Production Practices - Spring	2 credits
HORT 2304	Grounds Machinery	2 credits
HORT 2320	Landscape Design 1	3 credits
HORT 2330	Turfgrass and Environmental Stress	3 credits
HORT 2334	Irrigation, Drainage and Lighting	3 credits
HORT 2335	Sports Turf Management Practices	2.5 credits
HORT 2355	Plant Identification 3	3 credits
HORT 2371	Fall Floriculture	3 credits
HORT 2372	Greenhouse Vegetable Production	3 credits
HORT 2375	Production Facilities and Equipment	3 credits
HORT 2412	Landscape Estimating and Contract Administration	3 credits
HORT 2420	Landscape Design II	3 credits
HORT 2426	Landscape Construction	3 credits
HORT 2436	Golf Course Management	3 credits
HORT 2437	Golf Course Irrigation Systems: Design and Operations	3 credits
HORT 2442	Arboriculture II	3 credits
HORT 2463	Nursery Production	3 credits
HORT 2472	Forest Crop Production	2 credits
HORT 2473	Greenhouse Environment and its Control	3 credits
HORT 2477	Production Management	3 credits
HORT 2479	Spring Floriculture	3 credits
HORT 2490	Organic Greenhouse Crop Production	3 credits

### YEAR 3 AND YEAR 4

#### All of:

BIOL 1110	Introductory Biology I	4 credits
ENGL 1100	Reading, Writing and Thinking: An Introduction	3 credits

ENVI 1106	Environmental Chemistry	3 credits
MATH 1117	Environmental Mathematics	3 credits
PHIL 3033	Business Ethics	3 credits

**And three credits of Liberal Education Electives**

**And three credits of upper level writing intensive electives**

**And:**

12 credits of upper level horticulture. The courses will be listed in the near future; please check the department web page in the fall.

## **Urban Ecosystems Major**

In addition to the Horticulture Science Degree Requirements (above), students must complete:

**All of:**

24 credits of upper level Horticulture (urban ecosystems) courses. The courses will be listed in the near future; please check the department web page in the fall.

## **GRADUATION**

Upon successful completion of this program, students are eligible to receive a **Bachelor of Horticulture Science in Urban Ecosystems**.

# Faculty of Trades & Technology

Build for your future with a practical education in the trades or technology. The need for well-skilled trades and technology people is growing rapidly as previous generations of trades people reach retirement age, Kwantlen students benefit from relevant training, with the latest tools, up-to-date technology and most current practices.

## DEAN:

### Wayne Tebb

Phone: 604.598.6103 (general inquiries)

## TECHNOLOGY PROGRAMS

Technology programs are designed for students seeking to combine solid academic preparation with applied skills in a particular area.

We offer technology programs in the following areas:

- Advanced Farrier Training: Certificate
- Computer Aided Design & Drafting: Diploma
- Power Line Technician: Citation
- Public Safety Communications: Certificate
- Trades Innovation: Bachelor of Technology

Program schedules are available on the web at [kwantlen.ca/trades/program\\_schedules](http://kwantlen.ca/trades/program_schedules).

## TRADES: FOUNDATIONS TRAINING

Foundations programs are designed to provide entry-level skills and knowledge to those wishing to begin their career in a specific trade. Students successfully completing a foundations program are eligible for industry sponsorship into Level 2 of their respective Apprenticeship option.

We offer foundations training in the following areas:

- Automotive Service Technician (30 weeks): Certificate (Foundation)
- Carpentry/Building Construction (24 weeks): Citation (Foundation)
- Construction Electrician (24 weeks): Citation (Foundation)
- Masonry (21 weeks): Citation (Foundation)
- Metal Fabrication (23 weeks): Citation (Foundation)
- Millwright/Industrial Mechanic (24 weeks): Citation (Foundation)
- Plumbing (21 weeks): Citation (Foundation)
- Parts & Warehousing (20 weeks): Citation (Foundation)

Program schedules are available on the web at [kwantlen.ca/trades/program\\_schedules](http://kwantlen.ca/trades/program_schedules).

## TRADES: APPRENTICESHIP TRAINING

Apprenticeship is a government and industry endorsed approach to education that encourages individuals to work in a relevant field while they learn and refine their skills. The individual combines on-the-job, hands-on training with class learning. The on-the-job component, where the apprentice is learning by doing while

they earn a pay cheque represents approximately 80% of the total time commitment. The in-class components generally occur at intervals over a four year period and make up the complimentary part of the program. At each level an apprentice must pass industry exams, which have both practical and theoretical components, in order to advance. When the apprentice has passed all levels and completed the on-the-job requirements, he/she is awarded the "journeyperson" qualification.

We offer in-school apprentice technical training in the following areas:

- Appliance Servicing (39 weeks): Certificate
- Automotive Service Technician (6-7 weeks): Apprenticeship
- Building Envelope Technician (14 weeks): Apprenticeship
- Carpentry/Building Construction (6 weeks): Apprenticeship
- Construction Electrician (10 weeks): Apprenticeship
- Logistics & Distribution (3 weeks): Apprenticeship
- Metal Fabrication (7 weeks): Apprenticeship
- Millwright/Industrial Mechanic (7 weeks): Apprenticeship
- Outdoor Power Equipment Technician: Citation
- Parts & Warehousing (3 weeks): Apprenticeship
- Plumbing (6 weeks): Apprenticeship
- Welding Level 'A' (8 weeks) : Citation
- Welding Level 'B' (16 weeks): Citation
- Welding Level 'C' (28 weeks): Citation

Program schedules are available on the web at [kwantlen.ca/trades/program\\_schedules](http://kwantlen.ca/trades/program_schedules).

## INDUSTRY SERVICE PROGRAMS

The Faculty of Trades & Technology also offers a selection of industry service courses and programs. For more information about these offerings, please see the Faculty web site.

# Advanced Farrier Training: Certificate

Faculty of Trades and Technology	
kwantlen.ca/trades	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Certificate
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

This program prepares students to work competently as qualified farriers. Students may complete one or two training blocks, leave the program to gain work experience, and return to finish the remainder of the program. The program aims to meet the continuing demand for qualified farriers in BC.

## STUDENT PROFILE

Students come to this nine-month program from all over BC and from other parts of North America. They have had experience working with horses, and have decided to become self-employed farriers. They are of all ages; some are recent high school graduates, while others plan to make this trade a second career. Both women and men have succeeded in the program and in this trade.

Physical fitness, strong knees and a healthy back are essential for a successful career in this trade. Students who may have concerns with the physical, intellectual or emotional demands of this program should contact the Program Coordinator at 604.598.6177 to discuss required skills and competencies and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

The program accommodates a wide range of students, from those just entering the trade to those with several years of experience who wish to upgrade their skills and knowledge. With the permission of the instructor, experienced farriers may also enter the program for short periods to hone and extend their skills and knowledge.

## CAREER OPPORTUNITIES

This is a demanding occupation and a large measure of individual initiative is required to make it a success. The rewards of being self-employed, meeting people and doing a meaningful and satisfying job are significant. Financial remuneration is comparable to many other trades.

Students who complete the Basic Level of the program will be able to assist a qualified farrier in minor tasks. Those who complete the Intermediate Level will be able to undertake most tasks of the trade under the close supervision of a qualified farrier.

Those who complete the Advanced Level will be able to perform most jobs with minimal supervision. Students who complete all three levels of the program may be able to operate independently and become self-employed. However, until graduates have had several years experience in the trade, they will probably need to refer complicated tasks to farriers with more experience.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- Students must submit two references verifying experience in handling horses

## CONTENT

This nine-month program is offered in three blocks of three months each. The course work for each block is divided into three levels: Basic, Intermediate, and Advanced. Students may enter the program at any level in September, January or April. Thus each class will contain students at each of the three levels. The program includes the following courses:

### Basic Level

FARR 1111	Introduction to Horseshoeing	2 credits
FARR 1112	Introduction to Equine Anatomy	3 credits
FARR 1113	Introduction to Horse Husbandry and Handling	2 credits
FARR 1114	Introduction to Gaits and Forge Work	2 credits
FARR 1115	Introduction to Horse Lameness	2 credits
FARR 1116	Introduction to Specialized Horses	1 credit

### Intermediate Level

FARR 1211	Intermediate Horseshoeing	2 credits
FARR 1212	Intermediate Equine Anatomy	3 credits
FARR 1213	Intermediate Horse Husbandry and Handling	2 credits
FARR 1214	Intermediate Gaits and Forge Work	2 credits
FARR 1215	Intermediate Studies of Lameness	2 credits
FARR 1216	Intermediate Study of Specialized Horses	1 credit

### Advanced Level

FARR 1311	Advanced Horseshoeing	2 credits
FARR 1312	Advanced Equine Anatomy	3 credits
FARR 1313	Advanced Horse Husbandry and Handling	2 credits
FARR 1314	Advanced Gaits and Forge Work	2 credits

FARR 1315	Advanced Studies of Lameness	2 credits
FARR 1316	Advanced Study of Specialized Horses	1 credit

## OTHER INFORMATION

### Special Equipment

Students pay approximately \$1800.00 for tools, which must be purchased by the end of the first week of classes. A list of supplies will be provided.

Students will require appropriate steel-toed safety boots, safety glasses, hearing protection, and current tetanus immunization.

### GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Advanced Farrier Training**.

# Appliance Servicing: Certificate

Faculty of Trades and Technology	
kwantlen.ca/trades	
Appliance Servicing	
kwantlen.ca/trades/appliance_servicing	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Certificate of Completion
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

This nine-month program is designed to meet the competency standard and profile defined by industry and provides students will learn to service household appliances through theory and practical application. The training prepares the graduate for employment in the appliance industry and in related careers that require electromechanical skills and knowledge. Additional information is available on our program website at: [kwantlen.ca/trades/appliance\\_servicing](http://kwantlen.ca/trades/appliance_servicing).

Students who complete the Foundation are eligible for credit for first, second and third levels of apprenticeship technical training, as well as 825 work-based hours toward completion of the Appliance Service Technician apprenticeship program, 7200 hours of work-based training is required. Upon completion of the program students will be eligible to write the Inter-provincial examination.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- Adequate reading comprehension and math skills as assessed by Kwantlen
- Interview with instructor

Students with mental or physical impairments, who may require program or practicum accommodations, should contact the Program Coordinator at 604.598.6117 or 604.598.6140 to discuss required skills and competencies, and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged. Due to the nature of this program, students should have satisfactory physical health.

## CONTENT

- Safety with respect to appliance servicing
- The tools of the trade



- The fundamentals of electricity
- Customer relations
- Diagnose motors used in appliances
- Basic electronics for appliances
- Electric clothes dryers
- Standard and self-cleaning ranges/wall ovens including electronic models
- Automatic clothes washers
- Automatic electric dishwashers
- Garbage disposers, garbage compactors, electric water heaters
- Microwave ovens
- Household refrigerators including electronic models
- Freezers
- Air conditioners
- BC Provincial "C" Gas Certificate
- 2 Week Work Practicum

### Required Courses:

APPL 1110	Basic Electricity	5 credits
APPL 1115	Basic Electronics	1 credits
APPL 1125	Electric Dryers	3 credits
APPL 1130	Electric Ranges: Standard and Self-Cleaning	5 credits
APPL 1215	Automatic Electric Dishwashers	3 credits
APPL 1210	Automatic Washers	5 credits
APPL 1120	Ancillary Products	1 credits
APPL 1230	Microwave Ovens	1.5 credits
APPL 1220	Basic Refrigeration and Domestic Air Conditioning	5.5 credits
APPL 1235	B.C. Provincial "C" Gas Certificate	2.5 credits
APPL 1225	Work Experience Practicum	1.5 credits

## OTHER INFORMATION

### Special Equipment

Students will require steel-toed safety shoes, a multimeter, and various other tools.

### GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Appliance Servicing**.

In addition, Kwantlen will report your apprenticeship technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Automotive Service Technician: Apprenticeship

## Faculty of Trades and Technology

[kwantlen.ca/trades](http://kwantlen.ca/trades)

### Automotive Service Technician

[kwantlen.ca/trades/auto](http://kwantlen.ca/trades/auto)

IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	No Credential
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

The Automotive Service Technician apprenticeship requires apprentices to complete four levels of in-school technical training (level 1 and 3 are each 7 weeks in length and level 2 and 4 are each 6 weeks in length) and 6000 work-based training hours. Upon each level completion, students with sufficient work-based training hours will be eligible to write the Certificate of Qualification (CoQ) exam. Additional information is available on our program website at: [kwantlen.ca/trades/auto](http://kwantlen.ca/trades/auto).

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, the following program admission requirements apply:

- An ITA Individual ID number (ITA-ID) is required. If you do not have an ITA-ID, you will need to complete an apprenticeship registration form through the ITA ([www.itabc.ca](http://www.itabc.ca)) prior to admission (Level 1 through to 4).

## CONTENT

### Automotive Service Level 1 (AAST 1010)

- Safe Work Practices
- Wheels, Hubs, Tires and Bearings
- Frames and Suspension Systems
- Manual and Power Steering
- Brake Systems
- Basic Electrical and Batteries

### Automotive Service Level 2 (AAST 1020)

- Gasoline Engines
- Diesel Engines
- Cooling Systems
- Exhaust Systems
- Engine Lubrication Systems

- Auxiliary Electrical
- Air Conditioning and HRAI ODS Course
- Diesel Fuel Injection Systems
- Starting Motors and Circuits
- AC Charging Systems

### Automotive Service Level 3 (AAST 1030)

- Standard and Electronic Ignition Systems
- Fuel Systems
- Emission Control Systems
- Electronic Engine Controls

### Automotive Service Level 4 (AAST 1040)

- Clutches, Standard Transmissions/Transaxles
- Manual Overdrive
- Test and Service Transfer Cases
- Test and Service Automatic Transmissions
- Air Care Program
- Test and Service Drive Lines
- Test and Service Drive Axles and Differentials

## OTHER INFORMATION

### Special Equipment

Students will require appropriate steel-toed safety shoes or boots.

### GRADUATION

Upon successful completion of an apprentice level, Kwantlen will report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Automotive Service Technician: Certificate (Foundation)

Faculty of Trades and Technology	
kwantlen.ca/trades	
Automotive Service Technician	
kwantlen.ca/trades/auto	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Certificate
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

In this 30 week program students will for employment as an apprentice Automotive Service Technician.

Hands-on shop experience is the basis from which skills are developed in the program. Students will learn various techniques in repairing, adjusting and replacing mechanical and electrical parts of automobiles and light trucks. Practical training in a shop environment will enhance students' knowledge and skills in shop safety, use of hand and power tools, as well as mechanical and electrical repairs. Additional information is available on our program website at: [kwantlen.ca/trades/auto](http://kwantlen.ca/trades/auto)

Students who complete the Automotive Service Technician Foundation program are eligible for credit for first level apprenticeship training, as well as 450 work-based training hours toward completion of the Automotive Service Technical Level 1 apprenticeship program. Upon program completion, students will be eligible to write the Auto Service Technician level Certificate of Qualification (COQ) exam.

Since this is a Red Seal trade, additional information is available at the Red Seal website.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- Interview with instructor
- Adequate reading comprehension and math skills as assessed by Kwantlen

Students with mental or physical impairments, who may require program or practicum accommodations, should contact the Program Coordinator at 604.598.6130 to discuss required skills and competencies, and a Disability Advisor at 604.599-3233 to ensure appropriate accommodations can be arranged. Due to the

nature of this program, students should have satisfactory physical health.

## CONTENT

- Measuring Instruments
- Shop Safety Practices
- Shop Tools and Equipment
- Fuel Systems
- Engine Theory and Repair
- The Drive Line
- Emission Control Systems
- Brakes and Tires
- Ignition Systems
- Steering Systems
- Electronic Engine Management
- Frame and Suspension Systems
- Standard Transmission and Differentials

### Required Courses

ASTA 1100	Safety, Communication, Tools and Fasteners	3 credits
ASTA 1110	General Automotive Services	1.5 credits
ASTA 1120	Electrical Fundamentals, Diagnosis and Repair	6.5 credits
ASTA 1130	Steering, Frames, Suspension and Wheel Alignment	6.5 credits
ASTA 1140	Automotive Braking Systems	5 credits
ASTA 1150	Welding	1 credit
ASTA 1160	The Internal Combustion Engine	1.5 credits
ASTA 1170	Power Train Fundamentals	2.5 credits
ASTA 1180	Engine Management and Control Systems	5 credits

**Note:** Students must achieve 70% (B-) or better in all practical exams and tests to graduate from this program.

## OTHER INFORMATION

### Special Equipment

Students will require appropriate steel-toed safety shoes or boots.

Foundation level service technician students must supply their own general hand tools complete with lockable toolbox; approximate cost is \$750.00. In addition, a \$200.00 clothing fee will be assessed for coverall provision and cleaning. The list is available both on the website and it will also be forwarded to the student on acceptance to the program.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Automotive Service Technician**.

Upon successful completion, Kwantlen will also report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Building Envelope Technician: Apprenticeship

Faculty of Trades and Technology	
kwantlen.ca/trades	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	No Credential
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

A Building Envelope Technician's job is to enclose a house from the foundation up, keeping weather out and warmth in while creating openings for windows, door and utilities. The Building Envelope Technician program gives you the skills, training and knowledge you need to become a provincially-recognized, certified tradesperson. The program gives you the skill, training and knowledge to safely install, seal, repair, replace and remove external walls in residential homes, including wall and foundation interfaces, wall and ceiling interfaces, window and door openings, plumbing heat and electrical systems.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, the following program admission requirements apply:

### Apprentices

- An ITA Individual ID number (ITA-ID) is required. Apprentices who do not have a valid ITA-ID must complete the apprentice sponsorship form and submit to the Dean's Office for processing.

### Non-apprentices

- Successful completion of English 11 (or equivalent)
- Successful completion of Mathematics 11 (or equivalent)
- Interview
- Submission of sponsorship application

## CONTENT

### Building Envelope Technician (ARCT 1010)

- Overview of Building Envelope Technician's Work
- Scope & Responsibility
- Use of Safe Work Practices
- Use and Care of Equipment and Tools
- Understand Building Science

- Understand Applied Building Science
- Describe Walls
- Understand Relevant Regulatory Requirements
- Reading Drawings, Plans and Specifications
- Apply Sheathing Membrane
- Install Window and Doors
- Flash Windows, Doors and Other Locations
- Apply Self Adhered Membrane
- Install Strapping
- Apply Sealants
- Apply Cladding

## GRADUATION

Upon successful completion of the technical training, Kwantlen will report your technical training completion information to the Industry Trade Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Carpentry/Building Construction: Apprenticeship

## Faculty of Trades and Technology

[kwantlen.ca/trades](http://kwantlen.ca/trades)

## Carpentry

[kwantlen.ca/trades/carpentry](http://kwantlen.ca/trades/carpentry)

IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	No Credential
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

The Carpentry apprenticeship requires apprentices to complete four levels of in-school technical training, each 6 weeks in length, and 5000 work-based training hours all designed to meet the competency standard and profile defined by industry. Additional information is available on our program website at: [kwantlen.ca/trades/carpentry](http://kwantlen.ca/trades/carpentry).

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, the following program admission requirements apply:

- An ITA Individual ID number (ITA-ID) is required. If you do not have an ITA-ID you need to complete an apprenticeship registration form through the ITA (<http://www.itabc.ca>) prior to admission (Level 1 through to 4).

## CONTENT

### Carpentry Level 1 (ACRP 1010)

- Use Safe work Practices
- Use Documentation and Organizational Skills
- Use Tools and Equipment
- Use Survey Instruments
- Perform Site Layout
- Build Concrete Framework
- Frame Residential Housing
- Apply Building Science

### Carpentry Level 2 (ACRP 1020)

- Use Safe work Practices
- Use Documentation and Organizational Skills
- Use Tools and Equipment

- Use Survey Instruments
- Use Rigging and Hoisting Equipment
- Perform Site Layout
- Build Concrete Formwork

### Carpentry Level 3 (ACRP 1030)

- Use Documentation and Organizational Skills
- Use Tools and Equipment
- Use Survey Instruments
- Frame Residential Housing
- Apply Finishing Materials
- Apply Building Science

### Carpentry Level 4 (ACRP 1040)

- Use Documentation and Organizational Skills
- Use Survey Instruments
- Perform Site Layout
- Build Concrete Formwork
- Frame Residential Housing
- Apply Finishing Materials

## OTHER INFORMATION

### Special Equipment:

Students will require appropriate safety wear in conformance with WorkSafeBC regulations. A list of required tools will be provided by Admissions prior to starting this program.

## GRADUATION

Upon successful completion of an apprenticeship level, Kwantlen will report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Carpentry/Building Construction: Citation (Foundation)

Faculty of Trades and Technology	
kwantlen.ca/trades	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Citation
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

In this 24 week program students will cover first year theory for the Carpentry apprenticeship. The practical portion of the program will develop skills to use hand tools, power tools, and construct residential framing and concrete formwork projects. The scope and depth of this program is appropriate for students entering industry on a permanent basis. Additional information is available on our program website at: [kwantlen.ca/trades/carpentry](http://kwantlen.ca/trades/carpentry).

Content is organized into modules to ensure an organized approach to develop safety skills, and tool operating skills. Students who complete the Foundation program are eligible for credit for first level of apprenticeship in-school technical training, as well as 450 work-based training hours toward completion of the Carpentry apprenticeship program.

For further information about the trade please check the Red Seal website.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- Interview with instructor
- Satisfactory physical health
- Adequate reading comprehension and math skills as assessed by Kwantlen

Completion of high school shop courses would be an asset.

Students with mental or physical impairments who may require program or practicum accommodations, should contact the Program Coordinator at 604.598.6133 to discuss required skills and competencies, and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

## CONTENT

- Safe work practices

# Computer Aided Design & Drafting: Diploma

Faculty of Trades and Technology	
kwantlen.ca/trades	
Drafting / CADD Technologies	
kwantlen.ca/trades/cadd	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Diploma Advanced Certificate Certificate Citation
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Kwantlen Computer Aided Design & Drafting (CADD) Diploma program offers students two unique ways to approach their learning. First, students may choose from several specialties including:

- Architectural
- Structural

Second, the program offers students four options for their studies:

- Diploma in Computer Aided Design and Drafting
- Advanced Certificate in Computer Aided Design and Drafting
- Certificate in Computer Aided Design and Drafting
- Citation in Computer Aided Design and Drafting

The Advanced Certificate, Certificate, and Citation are embedded within the diploma. They allow students who do not wish to pursue a diploma in CADD to have an optional exit point after three, two, or one semester of coursework. Additional information is available from our program website at: [kwantlen.ca/trades/cadd](http://kwantlen.ca/trades/cadd).

## Specialties

After successful completion of the CADD Core, students will be given priority to enter into the Specialty of their choice based on their completion date of the CADD Core.

### ARCHITECTURAL

Normally offered in the Spring or Summer semesters, students prepare sets of drawings to graphically convey design and dimensional information to meet the qualifications for a building permit in residential, commercial and institutional applications.

Architectural CADD/Drafting graduates create 3D models and 2D drawings for residential, commercial and government buildings. They may pursue an entry level position in a variety of employment situations such as an Architectural design office, a manufacturing company of prefabricated buildings or trusses,

- Basic hand tools
- Basic power tools
- Pneumatic tools
- Powder actuated tools
- Blueprint reading and basic estimating
- Basic leveling (builders level)
- Introduction to concrete
- Concrete quantity calculating
- Concrete forms
- Floor framing
- Wall framing
- Roof framing
- Stair calculating and building

### Required Courses

CARP 1102	Safe Work Practices	2 credits
CARP 1104	Hand and Power Tools	3 credits
CARP 1109	Building Materials, Codes and Drawings	3 credits
CARP 1115	Building Site Layout and Leveling	2 credits
CARP 1119	Building Residential Concrete Formwork Systems	2.5 credits
CARP 1125	Floors, Walls & Ceilings: Residential Framing Systems	3.5 credits
CARP 1130	Roofs & Stairs: Residential Framing Systems	3.5 credits

**Note:** Students must achieve 70% (B-) or better in practical exams and assignments.

## OTHER INFORMATION

### Special Equipment

Students will require appropriate safety wear in conformance with WorkSafeBC regulations. A list of required tools will be provided by Admissions prior to starting this program.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Citation in Carpentry/Building Construction**.

Upon successful completion, Kwantlen will also report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

a construction company, a kitchen/cabinet design company, a municipal office, or a company that specializes in single and multi-family residential plans.

## STRUCTURAL

Normally offered in the Fall semester, students prepare sets of drawings to graphically convey design and dimensional information for concrete, steel and timber structures, site preparation and precast concrete. Structural CADD/Drafting graduates create 3D models and 2D drawings for steel, concrete, and wood structures. They also prepare site drawings. Graduates may pursue an entry level position in a variety of employment situations such as an engineering office, a municipal office, or a steel fabrication shop. Structural graduates work on structures for Architectural, Industrial, Highway, Railway and Marine facilities.

## MULTIPLE SPECIALTIES

Students may take both Specialties to earn a second certificate,

## OTHER SPECIALTIES

The CADD Department has courses developed for Electrical, Industrial, Manufacturing and Civil. These courses may be run as Special Purpose courses when there is sufficient demand. Please contact the CADD Department Chair at 604-598-6123 for more information.

## Options

### DIPLOMA IN COMPUTER AIDED DESIGN AND DRAFTING

The Diploma enables students to acquire advanced technical writing skills, Math skills and Physics skills, and to acquire technical skills in document control, web portfolio and CADD customization and networking. These CADD courses are offered in the evening to facilitate certificate and advanced certificate graduates who are working in their industry.

### ADVANCED CERTIFICATE IN COMPUTER AIDED DESIGN AND DRAFTING

The Advanced Certificate enables students to acquire math and management skills, 3D graphics, rendering and animation, and to augment their chosen Specialty with civil/surveying skills. The CADD courses are offered in the evening to facilitate certificate graduates who are working in their industry.

### CERTIFICATE IN COMPUTER AIDED DESIGN AND DRAFTING

The Certificate prepares students for an entry level position as a CADD Drafting technician in the chosen Specialty. Using the most advanced CADD (Computer Aided Design & Drafting) software and 3 dimensional (3D) software, students will learn to produce drawings from concept sketches, design information, codes and specifications as per industry standards for production by builders and manufacturers.

### CITATION IN COMPUTER AIDED DESIGN AND DRAFTING

The Citation incorporates the CADD Core which prepares students for the Specialty semester.

## CAREER OPPORTUNITIES

CADD/Drafting graduates may pursue a career in a variety of employment situations in architectural, engineering, manufacturing or municipal offices, or in a production / construction setting.

After a few years in CADD/Drafting many of our graduates move on to positions in sales, customer service, production

management, estimating, CADD and network management and contract services (self-employment). Responsibilities can include design team management, project management of small projects, and production scheduling.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply.

- Satisfy the Math requirement with one of:
  - Principles of Mathematics 11 with a minimum grade of C (or equivalent)
  - Pre-Calculus 11 with a minimum grade of C (or equivalent)
  - Foundations of Mathematics 11 with a minimum grade of C (or equivalent)
  - Kwantlen MATH 1093, MATH 1117, ABEM 0082 or PSPM 1082 with a minimum grade of grade of C
  - Kwantlen ABEM 0011 or MATP 1011 or MATQ 1099 with a minimum grade of C
  - Appropriate placement by the CADD Math Placement Test

**Note:** Students wishing to complete the Diploma program without having to undertake any preparatory courses must enter with English 12 – B (or equivalent), and one of Pre-calculus 12 – C; Principles of Math 12 – C; Pre-calculus 11 – B; or Principles of Math 11 – B (or equivalent).

Students with mental or physical impairments, who may require program accommodations, should contact the Department Chair at 604.598.6123 to discuss required skills and competencies and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

### ADVANCED STANDING

Applicants with Drafting 11 and/or 12 from a BC Secondary School can challenge the CADD 1100 course by writing a Qualifying Assessment. There is a nominal fee to write the assessment. Applicants must meet the CADD Program entrance requirements to write the assessment. Contact the CADD Department Chair at 604-598-6123 or email [cadd@kwantlen.ca](mailto:cadd@kwantlen.ca) for more information.

### ADDITIONAL REQUIREMENTS

Applicants should have the ability to work well with co-workers as a member of a design team, which includes the ability to communicate in both written and oral English. The ability to pay attention to detail and the ability to visualize in two- and three-dimensions is an asset.

Program applicants benefit from having basic computer knowledge such as E-mail, Internet, file management, working knowledge of Windows environment, basic operating system functions and text editing.

Applicants can arrange to acquire these basic computer skills ahead of time through Academic Career Preparation upgrading.

## CONTENT

The Diploma in CADD program consists of 63 credits, organized into four semesters. Courses in semesters 3 and 4 are normally in the evening at the Cloverdale campus.

## Semester 1 - CADD Core Requirements

### All of:

CADD 1100	Drafting Fundamentals	4 credits
CADD 1150	Computer Aided Drafting & Design Software	4 credits
CADD 1160	Introduction to Office Procedures and Software	3 credits
CADD 1110	Summative Project	4 credits

Upon successful completion of the Semester 1 CADD Core courses, students are eligible to exit the program and receive a Citation.

## Semester 2 - Specialty Requirements

After successful completion of the CADD Core, students will be given priority to select the Specialty of their choice based on their completion date of the CADD Core.

**Note:** The Specialty schedule is subject to change based on demand and not all specialties are regularly scheduled. Please check online timetable for an up-to-date schedule.

### ARCHITECTURAL SPECIALTY

#### All of:

CADA 1200	Architectural Fundamentals	3 credits
CADA 1210	Single Family Residential	4 credits
CADA 1220	Commercial Buildings	4 credits
CADA 1250	Introduction to Building Information Modeling (BIM) Software for Architectural	4 credits

### STRUCTURAL SPECIALTY

#### All of:

CADS 1200	Introduction to Structural Drafting and Concrete	4 credits
CADS 1210	Structural Steel	4 credits
CADS 1220	Wood Frame and Heavy Timber	4 credits
CADS 1250	Introduction to Building Information Model (BIM) Software for Structural	3 credits

Upon successful completion of the Semester 1 CADD Core courses and one of the Specialties in Semester 2, students are eligible to exit the program and receive a Certificate in their chosen Specialty.

## Semester 3 - Advanced CADD Option Requirements

### All of:

CADD 2100	CADD Graphics and Models: Rendering and Animation	4 credits
CADD 2110	Surveying and Site Work	4 credits
CADD 2160	Professional Practice for Design and Drafting	4 credits
BUSI 1210	Essentials of Management	3 credits

MATH 1112 Pre-Calculus Algebra 3 credits

Upon successful completion of the Semester 1 CADD Core courses, one of the Specialties in Semester 2, and the Semester 3 courses, students are eligible to exit the program and receive an Advanced Certificate.

## Semester 4 - Advanced CADD Option Requirements

### All of:

CADD 2210	Document Control and Web Portfolio	4 credits
CADD 2250	CADD Customization and Networks	4 credits
ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
PHYS 1100	Introductory Physics	4 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Diploma in Computer Aided Design and Drafting**.

Upon successful completion of Semester 3, students are eligible to receive an **Advanced Certificate in Computer Aided Design and Drafting**.

Upon successful completion of Semester 2 (the Specialty), students are eligible to receive a **Certificate in Computer Aided Design and Drafting** in their chosen specialty.

Upon successful completion of Semester 1 (CADD Core), students are eligible to receive a **Citation in Computer Aided Design and Drafting**.



# Construction Electrician: Apprenticeship

<b>Faculty of Trades and Technology</b>	
kwantlen.ca/trades	
<b>Electrical (Construction)</b>	
kwantlen.ca/trades/electrical	
<b>IMPLEMENTATION DATE</b>	<b>START DATE(S)</b>
01-Sep-2011	Varies
<b>ADMISSION TYPE</b>	<b>ENROLMENT TYPE</b>
Fixed term	Limited enrolment
<b>PROGRAM TYPE</b>	<b>CREDENTIAL GRANTED</b>
Vocational	No Credential
<b>OFFERED AT</b>	<b>FORMAT</b>
Cloverdale	Full-time
<b>HOW TO APPLY</b>	
www.kwantlen.ca/admission	

- Single phase transformers
- AC motor controls
- Lighting
- Industrial power electronics
- Electric codes & wiring

## OTHER INFORMATION

### Special Equipment

Students will require appropriate safety wear in conformance with WorkSafeBC regulations. A list of required tools will be provided by Admissions prior to starting this program.

### GRADUATION

Upon successful completion of an apprenticeship level, Kwantlen will report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

## DESCRIPTION

The Construction Electrician apprenticeship requires apprentices to complete four levels of in-school technical training each 10 weeks in length and 6000 work-based training hours, all designed to meet the competency standard and profile defined by industry.

Additional information is available from our program website at: [kwantlen.ca/trades/electrical](http://kwantlen.ca/trades/electrical)

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, the following program admission requirements apply:

- An ITA Individual ID number (ITA-ID) is required. If you do not have an ITA-ID, you will need to complete an apprenticeship registration form through the ITA ([www.itabc.ca](http://www.itabc.ca)) prior to admission (Level 1 through to 4).

## CONTENT

### Electrical Level 1 (AELC 1010)

- Electrical safety fundamentals
- DC circuits
- Electromagnetism & applications
- Meters & test equipment
- Electrical prints & drawings
- AC motor controls
- Electric code & wiring
- Industrial power electronics

### Electrical Level 2 (AELC 1020)

- AC fundamentals
- Meters & test equipment
- Single phase AC circuits
- Circuit protector devices

# Construction Electrician: Citation (Foundation)

Faculty of Trades and Technology	
kwantlen.ca/trades	
Electrical (Construction)	
kwantlen.ca/trades/electrical	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Citation
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

This 24 week, full-time, program is designed for individuals to acquire the background, breadth of knowledge and industry connections that enable them to be hired as electrical apprentices. An electrical foundation program, as prescribed by the Industry Training Authority (ITA), gives students the practical and theoretical skills equivalent to a Level 1 apprentice providing learners with the opportunity to explore and pursue a career within the electrical trade.

This program is based upon the Provincial Outline for the electrical trade. Students who complete the Foundation program are eligible for credit for the first level of apprenticeship in-school technical training, as well as receive 350 work-based training hours toward completion of the Electrical apprenticeship .

Additional information is available on our program website:  
kwantlen.ca/trades/electrical

Electricians work in a wide variety of buildings and facilities - on everything from lighting and climate control systems, to communication equipment and thousands of other specific tools and devices.

An electrician is designated as a Construction Electrician under the inter-provincial Red Seal program.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- Principles, Applications, or Apprenticeship & Workplace Mathematics 10 with a minimum grade of C, or successful completion of vocational testing at Kwantlen
- Interview with the instructor

Students with mental or physical impairments, who may require program or practicum accommodations, should contact the Program Coordinator at 604.598.6133 to discuss required skills

and competencies, and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

## CONTENT

Students will acquire the knowledge and skills needed according to the National Occupational Analysis (NOA) for the electrical trade to learn safe job-site practices, acquire appropriate work habits for the industry and learn to read codes and drawings used in the trade, and acquire the essential skills that underlie effective communication and professional attitudes.

### Required Courses

ELEC 1100	Basic Skills	2 credits
ELEC 1110	Workplace Safety	1 credit
ELEC 1120	Basic Electrical Theory	5 credits
ELEC 1130	Code and Blueprint Reading	1 credit
ELEC 1140	Electrical Controls	1 credit
ELEC 1150	Installation of Low-Voltage Distribution Systems	10 credits

In order to successfully complete the program, a grade of 70% must be obtained in the theory portion (ELEC 1100, 1110, 1120, 1140 cumulative), and the practical portion, ELEC 1150.

## OTHER INFORMATION

### Special Equipment

Students will require appropriate safety wear in conformance with WorkSafeBC regulations. A list of required tools will be provided by Admissions prior to starting this program.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Citation in Construction Electrician**.

Upon successful completion, Kwantlen will also report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Logistics & Distribution: Apprenticeship

Faculty of Trades and Technology	
<a href="http://kwantlen.ca/trades">kwantlen.ca/trades</a>	
Parts & Warehousing	
<a href="http://kwantlen.ca/trades/automotive_warehousing">kwantlen.ca/trades/automotive_warehousing</a>	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	No Credential
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

The Logistics & Distribution apprenticeships require apprentices to complete three levels of in-school technical training, each 3 weeks in length, and 5040 work-based training hours, all designed to meet the competency standard and profile defined by industry.. Logistics and Distribution involves the investigation of complaints regarding supply chain issues, the administration and maintenance of a customer complaints program, and the coordination of a customer feedback program.

Additional information is available at our program website at: [kwantlen.ca/trades/automotive\\_warehousing](http://kwantlen.ca/trades/automotive_warehousing)

See also: Parts and Warehousing Apprenticeship.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, the following program admission requirements apply:

- An ITA Individual ID number (ITA-ID) is required. If you do not have an ITA-ID, you will need to complete an apprenticeship registration form through the ITA ([www.itabc.ca](http://www.itabc.ca)) prior to admission (Level 1 through to 4).

## CONTENT

Students complete either the Parts and Warehousing foundation program or the level 1 Partsperson (via employer sponsorship) in order to proceed to Logistics and Distribution levels 2 and 3 or Partsperson levels 2 and 3.

### Partsperson Level 1 (APRT 1010)

- Overview of Warehouse Operations
- Communications and Comprehensive Skills
- Warehouse Safety Skills
- Basic Materials Handling Operations and Procedures
- Materials Handling and Packaging Equipment
- Information Technology in Warehousing

### Logistics and Distribution Level 2 (ALOD 1020)

- Transportation and Traffic
- Intermediate Materials Handling Operations and Procedures
- Materials Identification
- Customer Services
- Warehouse Business Operations Measurements
- Communication and Professionalism

### Logistics and Distribution Level 3 (ALOD 1030)

- Fundamentals of Warehouse Business Management
- Fundamentals of Purchasing Procedures
- Fundamentals of Inventory Control Procedures
- Fundamentals of Quality Management
- Fundamentals of Workplace Supervisory Skills

## OTHER INFORMATION

### Special Equipment

Students will require appropriate safety wear in conformance with WorkSafeBC regulations. A list of required tools will be provided by Admissions prior to starting this program.

### GRADUATION

Upon successful completion of an apprenticeship level, Kwantlen will report your technical training completion information to the Industry Trade Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Masonry: Citation (Foundation)

Faculty of Trades and Technology	
kwantlen.ca/trades	
Masonry	
kwantlen.ca/trades/masonry	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Citation
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

In this 20 week program students will acquire training for employment as an apprentice Mason (Bricklayer). Masons work with brick, concrete and glass block, terra cotta and stone. Work can be as simple as laying a wall or as complex as installing an ornate exterior on a high-rise building. Masons work outside and the work is very physical. Masons use power and hand tools, and material moving equipment. Masons also read blueprints, building codes, industry safety requirements, and guidelines for handling hazardous materials. Hands-on shop experience is the basis on which skills are developed in the program.

Students who complete the Masonry Foundation program are eligible for credit for first level of apprenticeship in-school technical training, as well as 400 work-based hours toward completion of the Mason (Bricklayer) apprenticeship program. Additional information is available on our program website at [kwantlen.ca/trades/masonry](http://kwantlen.ca/trades/masonry).

Since this is a Red Seal trade, additional information is available at the Red Seal website.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, the following program admission requirements apply:

- Interview with instructor
- Satisfactory physical health
- Adequate reading comprehension and math skills as assessed by Kwantlen

Students with mental or physical impairments, who may require program or practicum accommodations, should contact the Program Coordinator to 604.598.6124 to discuss required skills and competencies, and a Disability Advisor to 604.599.3233 to ensure appropriate accommodations can be arranged.

## CONTENT

- Bricklaying

- Scaffolding
- Bonds and bond patterns; wall structures, terminology, corner layout and construction
- Interpretation of blueprints and working drawings of the construction industry
- Estimation procedures
- Interpretation of specifications
- Walls; solid, hollow, cavity, veneered, composite, reinforced and retaining
- Columns, piers and pilasters in brick and block

### Required Courses:

MSRY 1001	History and Communication	1.5 credits
MSRY 1005	First Aid and Safety in the Masonry Trade	2.5 credits
MSRY 1010	Materials in the Masonry Trade	3 credits
MSRY 1015	Mortar, Grout and Layout and Construction in Brick Masonry	2 credits
MSRY 1020	Hand Tools	3 credits
MSRY 1025	Power Tools and Related Equipment	3 credits
MSRY 1030	Basic Blueprint Reading, Estimating and Layout	3 credits

**Note:** Students must achieve 70% (B-) or better in practical exams and assignments.

## OTHER INFORMATION

### Special Equipment

Students will require appropriate safety wear (including shoes with steel toe construction, steel shanks, and ankle support) in conformance with Workers' Compensation Board regulations.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Citation in Masonry**.

Upon successful completion, Kwantlen will also report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Metal Fabrication: Apprenticeship

Faculty of Trades and Technology	
kwantlen.ca/trades	
Metal Fabrication	
kwantlen.ca/trades/metal_fabrication	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	No Credential
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Metal Fabrication apprenticeship requires apprentices to complete four levels of in-school technical training each 5 weeks in length and 6400 work-based hours all designed to meet the competency standard and profile defined by industry. Additional information is available from our program website at: [kwantlen.ca/trades/metal\\_fabrication](http://kwantlen.ca/trades/metal_fabrication)

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, the following program admission requirements apply:

- An ITA Individual ID number (ITA-ID) is required. If you do not have an ITA-ID, you will need to complete an apprenticeship registration form through the ITA ([www.itabc.ca](http://www.itabc.ca)) prior to admission (Level 1 through to 4).

## CONTENT

### Metal Fabrication Level 1 (AMFB 1010)

- Introduction to the Trade
- Use Safe Work Practices
- Solve Trade Mathematics Problems
- Use Trade Tools
- Use Shop Equipment
- Burn and Weld Metals
- Read Drawings
- Use Material Handling Equipment
- Use Structural Layout Techniques
- Develop Plate and Structural Patterns
- Use Surface Preparation and Finishing Methods
- Fabricate Plate and Structural Sections

### Metal Fabrication Level 2 (AMFB 1020)

- Solve Trade Math Problems
- Use Shop Equipment
- Burn and Weld Metal
- Read Drawings
- Use Material Handling Equipment
- Use Structural Layout Techniques
- Develop Plate and Structural Patterns
- Fabricate Plate and Structural Projects

### Metal Fabrication Level 3 (AMFB 1030)

- Solve Trade Math Problems
- Use Shop Equipment
- Read Drawings
- Use Structural Layout Techniques
- Develop Plate and Structural Patterns
- Fabricate Plate and Structural Sections

### Metal Fabrication Level 4 (AMFB 1040)

- Solve Trade Math Problems
- Use Trade Tools and Shop Equipment
- Read Drawings
- Use Structural Layout Techniques
- Develop Plate and Structural Patterns
- Fabricate Plate and Structural Sections
- Describe Basic Metallurgy and Testing Techniques
- Use Testing and Inspection Methods
- On-site Installation

## OTHER INFORMATION

### Special Equipment

Students will require appropriate safety wear in conformance with WorkSafeBC regulations. A list of required tools will be provided by Admissions prior to starting this program

## GRADUATION

Upon successful completion of an apprenticeship level, Kwantlen will report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Metal Fabrication: Citation (Foundation)

Faculty of Trades and Technology	
kwantlen.ca/trades	
Citation in Metal Fabrication	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Citation
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

In this 23 week program students will be educated in theoretical and practical skills that industry requires of graduates to be job-ready as Metal Fabrication apprentices. Students will learn the interpretation of technical drawings and layout of metal components, cutting, burning, sawing, shear, punching, drilling, and shaping of those components, through to assembly and welding or fastening to create the finished product. They will develop the necessary habits concerning safety and the proper use of time, machinery, materials, and the work skills required to be a competent trade's person in today's workforce. Additional information is available on our program website at [kwantlen.ca/trades/metal\\_fabrication](http://kwantlen.ca/trades/metal_fabrication)

Students who complete the Foundation program are eligible for credit for the first level of apprenticeship in-school technical training, as well as 450 work-based hours toward completion of the Metal Fabrication apprenticeship program.

For further information about the trade please check the Red Seal website: [www.red-seal.ca](http://www.red-seal.ca).

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply:

- Adequate reading comprehension and math skills as assessed by Kwantlen (Physics 11, Math 11 and 12 would be an asset but not a requirement). Students must be able to perform a variety of cognitive, emotional and physical tasks safely within the program.
- Interview with instructor

Students with mental or physical impairments, who may require program or practicum accommodations, should contact the Program Coordinator at 604.598.6147 to discuss required skills and competencies, and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

## CONTENT

### Required Courses:

ENGT 1015	Communication Skills for Trades I	1.5 credits
MATT 1015	Mathematics/Science for Manufacturing and Mechanical Trades 1	3.0 credits
MFAB 1100	Safe Working Procedures	2.5 credits
MFAB 1110	Trade-specific Tools	2.0 credits
MFAB 1115	Basic Stationary Power Equipment	2.0 credits
MFAB 1120	Oxy-fuel and Cutting Equipment	2.0 credits
MFAB 1125	Welding for Metal Fabrication	2.5 credits
MFAB 1130	Read Basic Drawings	2.0 credits
MFAB 1141	Basic Metal Fabrication	4.0 credits
MFAB 1150	Metallurgy Theory	1.5 credits

## OTHER INFORMATION

### Special Equipment

Students will require appropriate personal safety equipment, including high-top steel-toed safety boots, safety glasses, safety gloves, welding gloves, respirator (silicone half-mask type with cartridges for organic vapours and particulate filters) and cotton coveralls. Students are also required to have hand tools and a tool box for shop use. They will be provided with instruction on hand tool requirements and a list of tools required for practical work.

### Text Books

Students are required to purchase their own text book for each level of the program. They will be instructed on which text books are required on the first day of each program. Text books can be purchased at the Kwantlen Book Store.

## GRADUATION

Upon successful completion of the program, students are eligible to receive a **Citation in Metal Fabrication** and a Metal Fabricator's Logbook.

Upon successful completion, Kwantlen will also report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Millwright/Industrial Mechanic: Apprenticeship

Faculty of Trades and Technology	
kwantlen.ca/trades	
Millwright / Industrial Mechanic	
kwantlen.ca/trades/millwright	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	No Credential
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Millwright/Industrial Mechanic apprenticeship requires apprentices to complete four levels of in-school technical training each 7 weeks in length, and 6600 work-based training hours, all designed to meet the competency standard and profile defined by industry. Additional information is available on our program website at: [kwantlen.ca/trades/millwright](http://kwantlen.ca/trades/millwright).

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, the following program admission requirements apply:

- An ITA Individual ID number (ITA-ID) is required. If you do not have an ITA-ID, you will need to complete an apprenticeship registration form through the ITA ([www.itabc.ca](http://www.itabc.ca)) prior to admission (Level 1 through to 4).

## CONTENT

### Millwright Level 1 (AMIL 1010)

- Tools
- Trade Science
- Work Practices
- Cut, Fit and Fabricate
- Install Equipment

### Millwright Level 2 (AMIL 1020)

- Trade Science
- Power Transmissions
- Cut, Fit and Fabricate
- Install Equipment
- Lubricants, Seals and Bearings
- Fluid Power

### Millwright Level 3 (AMIL 1030)

- Pumps
- Fluid Power
- Power Transmissions
- Install Equipment
- Material Handling Systems

### Millwright Level 4 (AMIL 1040)

- Prime Movers
- Trade Science
- Fluid Power
- Work Practices
- Install Equipment
- Compressors
- Operational Equipment Effectiveness

## OTHER INFORMATION

### Special Equipment

Students are required to supply the appropriate personal safety equipment steel-toed safety boots and coveralls.

## GRADUATION

# Millwright/Industrial Mechanic: Citation (Foundation)

Faculty of Trades and Technology	
kwantlen.ca/trades	
Millwright	
kwantlen.ca/trades/millwright	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Citation
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

In this 24 week program students will be educated in theoretical knowledge and trained in the practical skills that industry requires of graduates to be job-ready as Millwright apprentices. Particular attention is paid to ensuring that all students gain critical core knowledge, appropriate trade skills, a professional attitude, employability skills, and the academic components necessary to continue on their post-secondary career path. Students will gain skills and knowledge in the areas of machine tool use, as applied to mechanical maintenance and construction. Additional information is available on our program website at: [kwantlen.ca/trades/millwright](http://kwantlen.ca/trades/millwright).

This program is based upon the Provincial Outline for the millwright trade. Students who complete the Foundation program are eligible for credit for the first level of apprenticeship in-school technical training, as well as receive 425 work-based training hours toward completion of the Millwright/Industrial Mechanic apprenticeship program.

For further information about the trade please check the Red Seal website.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- Interview with the instructor
- Adequate reading comprehension and math skills as assessed by Kwantlen (Physics 11, Math 11 and 12 would be an asset)

Students with mental or physical impairments who may require program or practicum accommodations should contact the Program Coordinator at 604.598.6139 to discuss required skills

and competencies, and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

## CONTENT

Hands-on shop experience is the basis on which skills are developed. Various forms of classroom and shop instruction including lectures, labs, shop assignments, team assignments, practical demonstrations, hands-on training, structured projects, individual demonstration of technical skills, and group lectures will be utilized. Also, independent study modules and directed studies modules supplemented with a wide selection of audiovisual material are available where necessary. The program focuses on direct contact between students and faculty. In addition, the expertise of other departments will be utilized to deliver specialized courses.

Speaking the language of the trade is necessary for the graduate in dealing with other trades and service people, distributors and manufacturers. Students will be required to gain proficiency in trade terminology and interpersonal and employability skills.

The student will develop the safe work habits, knowledge and ability required in industry today.

### Required Courses:

ENGT 1015	Communication Skills for Trades 1	1.5 credits
MATT 1015	Mathematics/Science for Manufacturing and Mechanical Trades 1	3 credits
MWIN 1101	Millwright Trade Safety	2 credits
MWIN 1105	Print Reading and Sketching	2 credits
MWIN 1111	Measuring and Layout Tools	2 credits
MWIN 1121	Hand Tools and Bench Work	1 credit
MWIN 1131	Power Hand Tools	1 credit
MWIN 1140	Machine Tool Basics	4 credits
MWIN 1150	Machine Tools	2 credits
MWIN 1160	Fasteners and Fittings	1 credit
MWIN 1170	Metallurgy	1.5 credits
MWIN 1180	Level 1 Welding for Millwrights	2.5 credits

**Note:** Students must achieve 70% (B-) or better in practical exams and assignments.

## OTHER INFORMATION

### Special Equipment

Students are required to supply the appropriate personal safety equipment steel-toed safety boots and coveralls.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Citation in Millwright/Industrial Mechanic**.

Upon successful completion, Kwantlen will also report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.



# Outdoor Power Equipment Technician: Citation

All intakes for this program have been postponed.

Faculty of Trades and Technology	
kwantlen.ca/trades	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Citation
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The program is offered Monday through Friday and will commence with the Citation once a year at the beginning of February. The Citation program will be completed in a period of 22 weeks and includes a two week work experience component. Students who complete the Foundation Trades Training (Citation) are eligible for credit for first year apprenticeship technical training.

## CAREER OPPORTUNITIES

The outdoor power equipment industry has an ongoing need for skilled and suitably qualified repair technicians. Employment opportunities may be found with franchise dealers, independent service shops, equipment rental firms, golf courses and authorized service depots.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- Satisfactory physical health
- Interview with the instructor
- Adequate reading comprehension and math skills as assessed by Kwantlen Polytechnic University

Students with mental or physical impairments who may require program or practicum accommodations, should contact the Program Coordinator at 604.598.6134 to discuss required skills and competencies, and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

## CONTENT

- Safe work practices
- Trade resources
- Tool use
- Fasteners and fittings

- Servicing and diagnosing equipment
- Maintain good working relationships
- Internal combustion engines basics
- Basic Electricity
- Welding, cutting and brazing

### Required Courses

OPET 1100	Safety, Math, & Science for Outdoor Power	2.5 credits
OPET 1116	Maintaining Good Working Relations	4.5 credits
OPET 1120	Tools, Fasteners and Fittings	3 credits
OPET 1130	Electricity & Welding, Cutting, & Brazing	2.5 credits
OPET 1140	Lubrication and Fuel Systems	1.5 credits
OPET 1150	Engines & Service and Repair Equipment	2.5 credits
ENGT 1015	Communication Skills for Trades I	1.5 credits

**Note:** Students must achieve 70% (B-) or better in practical exams and assignments.

## OTHER INFORMATION

### Special Equipment

Students will require appropriate steel-toed safety shoes or boots.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Citation in Outdoor Power Equipment Technician**.

# Parts & Warehousing: Apprenticeship

Faculty of Trades and Technology	
kwantlen.ca/trades	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	No Credential
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Parts and Warehousing apprenticeships require apprentices to complete three levels of technical training, each 3-4 weeks in length, and 5040 hours of work-based training.

A Parts & Warehousing Person is involved in ordering, warehousing and keeping inventory control over parts and accessories for industries like the automotive, commercial transport, heavy duty, marine and warehousing sectors. They are responsible for helping these parts, accessories and warehouse products make their way from manufacturers to consumers, documenting and tracking their progress along the way from factories to warehouses to retail outlets.

See also: Logistics & Distribution Apprenticeship.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, the following program admission requirements apply:

- An ITA Individual ID number (ITA-ID) is required. If you do not have an ITA-ID, you will need to complete an apprenticeship registration form through the ITA ([www.itabc.ca](http://www.itabc.ca)) prior to admission (Level 1 through to 4).

## CONTENT

### Partsperson Level 1 (APRT 1010)

- Overview of Warehouse Operations
- Communications and Comprehensive Skills
- Warehouse Safety Skills
- Basic Materials Handling Operations and Procedures
- Materials Handling and Packaging Equipment
- Information Technology in Warehousing

### Partsperson Level 2 (APRT 1020)

- Parts Identification
- Standard Stock Recognition
- Catalogues

- Communication and Professionalism
- Sales Representatives Characteristics

### Partsperson Level 3 (APRT 1030)

- Inventory Control Procedures
- Merchandising
- Communication and Customer Care
- Introduction to Parts Business Management
- Financial Management

### Logistics and Distribution Level 2 (ALOD 1020)

- Transportation and Traffic
- Intermediate Materials Handling Operations and Procedures
- Materials Identification
- Customer Services
- Warehouse Business Operations Measurements
- Communication and Professionalism

### Logistics and Distribution Level 3 (ALOD 1030)

- Fundamentals of Warehouse Business Management
- Fundamentals of Purchasing Procedures
- Fundamentals of Inventory Control Procedures
- Fundamentals of Quality Management
- Fundamentals of Workplace Supervisory Skills

## GRADUATION

Upon successful completion of an apprenticeship level, Kwantlen will report your technical training completion information to the Industry Trade Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Parts & Warehousing: Citation (Foundation)

Faculty of Trades and Technology	
kwantlen.ca/trades	
Parts & Warehousing	
kwantlen.ca/trades/automotive_warehousing	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Citation
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

In this 20 week program prepares students for employment in the parts and service industries as a parts person, warehouse person, or inventory clerk. Students will learn various techniques in inventory management that relate to the parts and warehousing fields. Through computer usage students will become knowledgeable in ordering, billing, identification, processes, as well as customer service skills.

This program is appropriate for students who enjoy working with computers, inventory controls, automobiles, commercial or industrial equipment. Additional information is available on our program website at: [kwantlen.ca/trades/automotive\\_warehousing](http://kwantlen.ca/trades/automotive_warehousing).

Students who complete the Foundation program and pass an ITA administered level 1 test, are eligible for credit for the first level of apprenticeship in-school technical training, as well as 300 work-based hours toward completion of the Parts or Warehousing apprenticeship programs.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- Interview with instructor
- Adequate reading comprehension and math skills as assessed by Kwantlen

Students with mental or physical impairments who may require program accommodations, should contact the Program Coordinator at 604.598.6122 to discuss required skills and competencies, and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

## CONTENT

This program is offered Monday through Friday on a fixed intake basis. The program content encompasses:

- Stock handling procedures (shipping, receiving and inventory control)
- Office procedures and communications
- Standard stock and materials
- Parts Identification (Mechanical)
- Support systems (Mechanical)
- Support systems (Electrical)
- Frames and chassis
- Catalogue types and applications (Electronic, Paper and Fiche)
- Power trains

**Note:** Students must achieve 70% (B-) or better in practical exams and assignments.

### Required Courses:

PRTS 1100	Parts Trade: Introduction and Safety	2 credits
PRTS 1110	Warehousing Tasks and Parts Catalogues	3 credits
PRTS 1120	Counter Duties and Basic Vehicular Systems	4 credits
PRTS 1130	Mechanical Parts Introduction	3 credits
PRTS 1140	Standard Stock, Lubricant and Shop Supplies	2 credits
PRTS 1150	Catalogues and Engine Components	2 credits
PRTS 1160	Engine Support Systems	3 credits

## OTHER INFORMATION

### Special Equipment

Students will require appropriate steel-toed safety shoes or boots.

### GRADUATION

Upon successful completion of this program, students are eligible to receive a **Citation in Parts and Warehousing**.

Upon successful completion, Kwantlen will also report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Plumbing: Apprenticeship

<b>Faculty of Trades and Technology</b>	
kwantlen.ca/trades	
<b>Plumbing</b>	
kwantlen.ca/trades/plumbing	
<b>IMPLEMENTATION DATE</b>	<b>START DATE(S)</b>
01-Sep-2011	Varies
<b>ADMISSION TYPE</b>	<b>ENROLMENT TYPE</b>
Fixed term	Limited enrolment
<b>PROGRAM TYPE</b>	<b>CREDENTIAL GRANTED</b>
Vocational	No Credential
<b>OFFERED AT</b>	<b>FORMAT</b>
Cloverdale	Full-time
<b>HOW TO APPLY</b>	
www.kwantlen.ca/admission	

## DESCRIPTION

The plumbing apprenticeship requires apprentices to complete four levels of in-school technical training and 6420 hours of work-based training. Kwantlen Polytechnic University offers apprenticeship Levels 1 and 2 that are each six weeks in duration.

This program is designed to meet the competency standard and profile defined by industry. Additional information is available on our program website at: [kwantlen.ca/trades/plumbing](http://kwantlen.ca/trades/plumbing).

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, the following program admission requirements apply:

- An ITA Individual ID number (ITA-ID) is required. If you do not have an ITA-ID, you will need to complete an apprenticeship registration form through the ITA ([www.itabc.ca](http://www.itabc.ca)) prior to admission (Level 1 through to 4).

## CONTENT

### Plumbing Level 1 (APLM 1010)

- Use Safe Work Practices
- Use Tools and Equipment
- Organize Work
- Prepare and Assemble Plumbing Components

### Plumbing Level 2 (APLM 1020)

- Use Tools and Equipment
- Organize Work
- Install Sanitary and Storm Drainage Systems
- Install Fixtures and Appliances
- Install Hydronic Heating and Cooling Systems
- Install Specialty Systems

## OTHER INFORMATION

### Special Equipment

Students will require appropriate safety wear in conformance with WorkSafeBC regulations. A list of required tools will be provided by Admissions prior to starting this program.

### GRADUATION

Upon successful completion of an apprenticeship level, Kwantlen will report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Plumbing: Citation (Foundation)

Faculty of Trades and Technology	
kwantlen.ca/trades	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Citation
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

In this 21 week program students will develop the necessary habits concerning safety and the proper use of time, tools, materials, and the work skills required to be a competent trade's person in today's workforce.

Students who successfully complete the Foundation program will receive Level 1 in-school technical training credit and 375 work-based hours towards completion of the Plumber Apprenticeship program. Additional information is available at our program website at: [kwantlen.ca/trades/plumbing](http://kwantlen.ca/trades/plumbing).

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply:

- Interview with instructor
- Adequate reading comprehension and math skills as assessed by Kwantlen

## CONTENT

- Mathematics
- Tools
- Science
- Safety
- Pipes, Valves, Fittings
- Rigging
- Cutting, Soldering and Brazing
- Drafting and Blueprint Reading

### Required Courses

PLMB 1101	Safety	2 credits
PLMB 1105	Organization of Work	6 credits
PLMB 1110	Prepare & Assemble Plumbing Components	4 credits
PLMB 1121	Tools & Equipment	5 credits

**Note:** Students must achieve a 70% (B-) cumulative grade in order to successfully complete the program.

## OTHER INFORMATION

### Special Equipment

Students will be required to supply their own CSA approved steel-toed safety shoes or boot, CSA approved hard hat, safety glasses, 1" by 25' measuring tape with both imperial and metric measuring units.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Citation in Plumbing**.

Upon successful completion, Kwantlen will also report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Power Line Technician: Citation

All intakes for this program have been postponed.

Faculty of Trades and Technology	
kwantlen.ca/trades	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Citation
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The Power Line Technician program is delivered through a partnership between Kwantlen Polytechnic University and the Electrical Industry Training Institute (EITI). This twelve week (12) program will prepare students for entry into the physically demanding and rewarding power distribution industry where technicians are well compensated for their above average skills and competencies. Power Line Technicians participate in the building of overhead and underground power distribution lines as well as service and maintenance tasks.

## STUDENT PROFILE

People who enjoy working in the elements and not being confined to a set location will find this trade appealing. Students should be aware that the Powerline Technician trade is a very physically demanding career that includes controlled-risk tasks including pole climbing and working with high voltage power lines.

**Note:** Students with mental or physical impairments, who may require program or practicum accommodations, should contact the program coordinator at 604.599.2979 to discuss required skills and competencies, and a Disability Advisor [604.599.3233] to ensure appropriate accommodations can be arranged.

## CAREER OPPORTUNITIES

Graduates of this program can apply for entry-level positions in the powerline technician trade. They will have employment opportunities with a diverse group of employers including B.C. Hydro, and various independent line contractors and municipalities. It is expected that successful employment in the trade will lead to an apprenticeship agreement with employers and attainment of Journey person Red Seal Certification upon completion of apprenticeship.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency

Requirement, the following program admission requirements apply.

- Mathematics 11, Physics 11 and English 12 with a minimum grade of C+ in each.
- Interview by EITI instructor to evaluate readiness to meet the demands of the program; EITI will forward their recommendation directly to Kwantlen
- Successfully pass the prescribed entrance examinations
- Grade 12 equivalency is required by the industry. Costs of upgrading, if required are NOT included in tuition and must be arranged prior to graduation.

## CONTENT

Students are required to attain Motor Vehicle Air Brake Certification and obtain a class 3 driver's license independent of this program prior to graduation. Students are required to complete grade 12 Math and Physics upgrade independent of this program prior to graduation.

## Delivered by Kwantlen Polytechnic University

### Required courses:

PTEC 1101	Electrical Safe Work Practices and Regulations (personal safety section only)	
PTEC 1103	Introductory Computer Skills	1.5 credits
PTEC 1105	Communications and Team Building	1.5 credits

## Delivered by the Electrical Industry Training Institute at their training center

### Required courses:

PTEC 1101	Electrical Safe Work Practices and Regulations	3 credits
PTEC 1106	Applied Electrical Theory	1.5 credits
PTEC 1107	Electrical Tools and Instruments	1.5 credits
PTEC 1108	Electric Utility Equipment	1.5 credits
PTEC 1109	Basic Rigging and Lifting	1.5 credits
PTEC 1110	Electrical Utility Climbing	3 credits
PTEC 1111	Electrical Overhead and Underground Distribution	2.5 credits
PTEC 1113	Physical Fitness	1 credit

## OTHER INFORMATION

Students are responsible for appropriate clothing and footwear as well as textbooks and learning materials.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Citation in Power Line Technician**.

# Public Safety Communications: Certificate

Faculty of Trades and Technology	
kwantlen.ca/trades	
Public Safety Communications	
kwantlen.ca/pscm	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September
ADMISSION TYPE	ENROLMENT TYPE
Selective entry	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Certificate
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

In 1990, Kwantlen introduced the first Public Safety Communications Program in Canada.

This unique, 8-month program prepares students for a growing industry that requires professionally selected and trained public safety communicators. A Public safety communicator's expertise means the difference between life and death for a caller. Rapid technological changes, as well as greater social and cultural diversity, have heightened the need for communicators who can successfully function under considerable pressure. The introduction of 9-1-1 throughout North America has brought increased public attention to the role of the public safety communicators. While the duties performed by communicators vary considerably according to the function and structure of the organization, there is a simple common element: the communicator critically links the public to those who provide police, fire, and emergency medical assistance. Additional information is available from our program website at: [kwantlen.ca/trades/public\\_safety](http://kwantlen.ca/trades/public_safety).

## STUDENT PROFILE

A desire to help people is an important qualification for public safety communicators but it does not ensure success in this demanding career. The public safety communicator must have superior multi-tasking abilities, be able to simultaneously manipulate telephones and radios while thinking quickly and critically, and make necessary decisions with limited information. The communicator must have excellent listening skills, be assertive but not aggressive, be able to maintain emotional control, and work well in a team setting.

Students must be prepared to work hard, participate actively in all facets of the program, show enthusiasm and commitment, and be willing to accept constructive criticism to attain the skills necessary for employment. Ideally, applicants will have some experience in related fields such as victims' assistance and crisis management.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the undergraduate-level English Proficiency Requirement, the following program admission requirements apply.

- Submission of a researched, 500 word essay detailing the job function of a public safety communicator
- Submission of a resume with 3 current, signed letters of reference
- Completion of a criminal record check review through the Ministry of Public Safety and Solicitor General's Criminal Records Review Program
- Achieve keyboarding speed of 40 wpm or higher (students are required to complete 50 wpm to graduate)
- Participation in an orientation interview that includes a performance evaluation

**Note:** A hearing exam, while not mandatory, is recommended as many agencies require them for employment.

Students with mental or physical impairments, who may require program or practicum accommodations, should contact the Program Coordinator at 604.598.6118 to discuss required skills and competencies and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

## CONTENT

This intensive Certificate program is organized according to the following learning goals:

- The development of an appropriate level of understanding of practical and theoretical concepts that graduates of the program will be expected to apply in industry.
- The provision of hands-on training in our lab with various communications systems similar to those used in the field. The comprehension of human behaviour patterns and development of the interpersonal skills needed to effectively manage crisis calls, relate to co-workers and supervisors, and cope with on-the-job stress.
- The integration of learning through a wide variety of experiential activities, oral and written presentations, field trips, and agency practica.

Components of the program focus on cultural and societal diversity and teamwork.

Courses are kept up-to-date through instructors' professional development, through consultations with the program's advisory committee and with the field generally, and through the procurement of appropriate equipment. Program curriculum is continually updated to industry needs.

### Semester 1 – September – December

PSCM 1100	Call Processing	3 credits
PSCM 1120	Radio Communications	3 credits
PSCM 1140	Human Behaviour	3 credits
PSCM 1150	Legal & Regulatory Influences	3 credits
PSCM 1280	Public Safety Communications Lab 1	1.5 credits

PSCM 1400 Emergency Planning 3 credits

### Semester 2 – January – May

PSCM 1200 Police Communications 3 credits

PSCM 1240 Human Behaviour II 3 credits

PSCM 1260 Practicum 3 credits

PSCM 1281 Public Safety  
Communications Lab 2 1.5 credits

PSCM 1300 Fire Communications 3 credits

PSCM 1500 Emergency Medical  
Communications 3 credits

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Public Safety Communications**.

## Welding Level 'A': Citation

Faculty of Trades and Technology	
<a href="http://kwantlen.ca/trades">kwantlen.ca/trades</a>	
Welding	
<a href="http://kwantlen.ca/trades/welding">kwantlen.ca/trades/welding</a>	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Citation
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
<a href="http://www.kwantlen.ca/admission">www.kwantlen.ca/admission</a>	

## DESCRIPTION

The 8 week Level 'A' welding program provides students with training in low alloy and stainless steel welding. Level 'A' graduates often pursue careers as alloy pressure pipe welders.

Registration at the 'A' level also requires a combination of technical training and work based field experience. Additional information is available on our program website at: [kwantlen.ca/trades/welding](http://kwantlen.ca/trades/welding).

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- Adequate reading comprehension and math skills as assessed by Kwantlen
- Satisfactory physical health
- Completion of level B training plus completion of Weld 2160, Basic Gas Tungsten Arc Welding module, if not completed during Level B training, or successful Level B challenge through ITA
- Interview by an instructor

Students with mental or physical impairments who may require program accommodations, should contact the Program Coordinator at 604.598.6122 to discuss required skills and competencies, and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

## CONTENT

Our welding program is based on British Columbia Provincial modular training. It is consistent with all other training providers in BC. It is designed to combine welding theory and practical skills.

Hands-on shop experience is the basis on which skills are developed in the program. The program is designed to accommodate past experience; credit and/or advancement will be given to students who can demonstrate learned skills plus theoretical knowledge.

### Required Courses:

*In the event of a discrepancy between this document and the official Kwantlen 2011-12 Calendar (available at [www.kwantlen.ca/calendar/2011-12](http://www.kwantlen.ca/calendar/2011-12)), the official calendar shall be deemed correct.*



WELD 2200	(P-11) Shielded Metal Arc Alloy Welding	2.5 credits
WELD 2210	(P-12) Advanced Alloy Metallurgy	1 credit
WELD 2220	(RK-8) Gas Tungsten Arc Alloy Welding	3 credits
WELD 2230	(RK-9) Plate and Pipe	3 credits

**Note:** Students must achieve 70% (B-) or better in practical exams and assignments.

## OTHER INFORMATION

### Special Equipment

Students will require appropriate personal safety clothing and CSA approved steel toed boots. Safety glasses, hearing protection, leather gloves, leather jacket or apron, welding helmet and cutting goggles are also required. A complete list of tools and equipment will be provided by Admissions.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Citation in Welding Level A** and the Level 'A' training endorsement in their Log Book.

## Welding Level 'B': Citation

Faculty of Trades and Technology	
kwantlen.ca/trades	
Welding	
kwantlen.ca/trades/welding	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Citation
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The 16 week Level 'B' welding program provides students with advanced training in a variety of processes and applications with an emphasis on pipe welding, inspection and standards. Registration at the 'B' level requires a combination of in-school technical training and work-based field experience. Additional information is available on our program website at: [kwantlen.ca/trades/welding](http://kwantlen.ca/trades/welding).

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- Adequate reading comprehension and math skills as assessed by Kwantlen
- Satisfactory physical health
- Completion of Level 'C' training or successful Level 'C' challenge though ITA
- Interview with instructor

Students with mental or physical impairments who may require program or practicum accommodations, should contact the Program Chair at 604.598.6148 to discuss required skills and competencies, and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

## CONTENT

Our welding program is based on British Columbia Provincial modular training and is consistent with all other training providers in BC. It is designed to combine welding theory and practical skills.

Hands-on shop experience is the basis on which skills are developed in the program. The program is designed to accommodate past experience; credit and/or advancement will be given to students who can demonstrate learned skills plus theoretical knowledge.

### Required Courses:

WELD 2100	(P-7) Shielded Metal Arc Pipe Welding	5 credits
WELD 2110	(RK-5) Welding Standards and Testing	3 credits
WELD 2120	(P-8) Gas Metal Arc Alloy Welding	3 credits
WELD 2130	(RK-6) Piping Drawings	3 credits
WELD 2140	(P-9) Advanced Flux Core Arc Welding	2 credits
WELD 2150	(RK-7) Alloy Metallurgy	3 credits
WELD 2160	(P-10) Basic Gas Tungsten Arc Welding	3 credits

**Note:** Students must achieve 70% (B-) or better in practical exams and assignments.

## OTHER INFORMATION

### Special Equipment

Students will require appropriate personal safety clothing and CSA approved steel toed boots. Safety glasses, hearing protection, leather gloves, leather jacket or apron, welding helmet and cutting goggles are also required. A complete list of tools and equipment will be provided by Admissions.

### GRADUATION

Upon successful completion of this program, students are eligible to receive a **Citation in Welding Level 'B'** and the Level 'B' training endorsement in their Log Book.

# Welding Level 'C': Certificate

Faculty of Trades and Technology	
kwantlen.ca/trades	
Welding	
kwantlen.ca/trades/welding	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Citation
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

## DESCRIPTION

The 28 week Level 'C' welding program prepares students to find employment at the entry level. Students will develop the necessary skills and knowledge to work safely and effectively using a variety of welding processes and procedures. Registration at the 'C' level requires a combination of in-school technical training and work-based experience in the welding field. Additional information is available on our program website at: [kwantlen.ca/trades/welding](http://kwantlen.ca/trades/welding).

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- Satisfactory physical health
- Interview by an instructor
- Adequate reading comprehension and math skills as assessed by Kwantlen

Students with mental or physical impairments, who may require program accommodations, should contact the Program Chair at 604.598.6148 to discuss required skills and competencies, and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

## CONTENT

Our welding program is based on British Columbia Provincial modular training and is consistent with all other training providers in BC. It is designed to combine welding theory and practical skills. Hands-on shop experience is the basis on which skills are developed in the program. The program is designed to accommodate past experience; credit and/or advancement will be given to students who can demonstrate learned skills plus theoretical knowledge.

### Required Courses:

WELD 1010	(P-1) Worksite Safety and Orientation	1 credit
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WELD 1115	(P-2 & P3) Oxy-Fuel Welding and Cutting	4 credits
WELD 1120	(P-4) Basic Shielded Metal Arc Welding	4 credits
WELD 1130	(P-6) Basic Gas Metal Arc Welding I	4 credits
WELD 1140	(RK-1) Material Handling	1 credit
WELD 1200	(P-5) Air Arc and Plasma Arc Cutting	1 credit
WELD 1210	(P-4) Advanced Shielded Metal Arc Welding	4 credits
WELD 1220	(RK-2) Read Technical Drawings	1 credit
WELD 1230	(P-6) Gas Metal Arc Welding	4 credits
WELD 1240	(RK-3) Basic Metallurgy	1 credit
WELD 1250	(P-1) Stationary Shop Equipment	2 credits

**Note:** Students must achieve 70% (B-) or better in practical exams and assignments.

## OTHER INFORMATION

### Special Equipment

Students will require appropriate personal safety clothing and CSA approved steel toed boots. Safety glasses, hearing protection, leather gloves, leather jacket or apron, welding helmet and cutting goggles are also required. A complete list of tools and equipment will be provided by Admissions.

## GRADUATION

Upon successful completion of this program, students are eligible to receive a **Certificate in Welding Level 'C'** and the Level 'C' training endorsement in their Log Book.

### **For students registered in the ACE-IT program (high school partnership):**

Upon successful completion, Kwantlen will also report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.

# Course Descriptions

## Course Descriptions

In addition to the programs offered at Kwantlen, we offer many courses in many subject areas.

Courses descriptions are extracted from Kwantlen's Official Course Outlines - copies of which may be ordered by Kwantlen students. For more information see Requesting Official Course Outlines.

In this section you will find:

- About Course Descriptions
- General Liberal Education Electives
- Quantitative Courses
- Requesting Official Course Outlines
- Access Programs for People with Disabilities (APPD)
- Accounting (ACCT)
- Adult Basic Education (ABE)
- Anthropology (ANTH)
- Appliance Servicing (APPL)
- Applied Business Technology (ABTY)
- Applied Communication (CMNS)
- Applied Science (APSC)
- Art History (ARTH)
- Asian Studies (ASIA)
- Astronomy (ASTR)
- Automotive Service Technician (ASTA)
- Biology (BIOL)
- Biology Qualifying (BIOQ)
- Business & Quantitative Methods (BUQU)
- Business (BUSI)
- Career Choices and Life Success (CCLS)
- Carpentry/Building Construction (CARP)
- Chemistry (CHEM)
- Chemistry Qualifying (CHEQ)
- Communications (COMM)
- Community And Health Studies (CAHS)
- Computer Aided Design & Drafting (CADD)
- Computer Business Systems (CBSY)
- Computer Information Systems (CISY)
- Computer Science (CPSC)
- Co-operative Education (COOP)
- Counselling Psychology (CNPS)
- Creative Writing (CRWR)
- Criminology (CRIM)
- Critical Care Nursing (CCNG)
- Cultural Studies (CUST)
- Economics (ECON)
- Education, Community and Health Specialties (ECHS)
- Educational Studies (EDUC)
- Electrical (ELEC)
- English (ENGL)
- English for Trades (ENGT)

- English Language Studies (ELST)
- English Qualifying (ENGQ)
- Entrepreneurial Leadership (ENTR)
- Environmental Protection Technology (ENVI)
- Farrier Training (FARR)
- Fashion and Technology (FASN)
- Fashion Design and Textile Studies (FSDN)
- Fashion Marketing (FMRK)
- Financial Services (FNSR)
- Fine Arts (FINA)
- Foundations in Design (FIND)
- French (FREN)
- Geography (GEOG)
- Geology (GEOL)
- German (GERM)
- Gerontology-Based Therapeutic Recreation (GBTR)
- Graduate Nurse Qualifying (GNQU)
- Graduate Nurse Re-Entry (GNUR)
- Graduate Nurse With English As An Additional Language (GNEA)
- Graphic Design For Marketing (GDMA)
- Health Care Assistant (HCAP)
- Health Unit Coordinator (HAUC)
- History (HIST)
- Horticulture (HORT)
- Human Resources Management (HRMT)
- Humanities (HUMN)
- Information Technology (INFO)
- Interdisciplinary Expressive Arts (IDEA)
- Interior Design (IDSN)
- Japanese (JAPN)
- Journalism (JRNL)
- Legal Administrative Studies (LGLA)
- Liberal Education (LBED)
- Linguistics (LING)
- Mandarin (MAND)
- Marketing (MRKT)
- Masonry (MSRY)
- Math for Trades (MATT)
- Mathematics (MATH)
- Mathematics Qualifying (MATQ)
- Metal Fabrication (MFAB)
- Millwright (Industrial Mechanic) (MWIN)
- Music (MUSI)
- Nursing (NRSRG)
- Outdoor Power Equipment Technician (OPET)
- Partsperson (PRTS)
- Philosophy (PHIL)
- Physics (PHYS)
- Physics Qualifying (PHYQ)
- Plumbing (PLMB)

- Policy Studies (POST)
- Political Science (POLI)
- Power Line Technician (PTEC)
- Psychiatric Nursing (PSYN)
- Psychology (PSYC)
- Public Relations (PRLN)
- Public Safety Communications (PSCM)
- Punjabi (PUNJ)
- Security Management (SECU)
- Sociology (SOCl)
- Spanish (SPAN)
- Special Education Teacher Assistant (SETA)
- University Connections (UCON)
- Welding (WELD)
- Women's Studies (WOMN)

## General Liberal Education Electives

The following are the General Liberal Education electives.

(This list was provided by the Liberal Education Curriculum Committee, 09-Nov-2010)

This list may **not** be used:

- for programs in the Faculty of Business (see Faculty of Business Liberal Education Electives)
- for the Graphic Design for Marketing programs (see Graphic Design for Marketing Liberal Education Electives)
- for the Bachelor of Interior Design program (see Bachelor of Interior Design Liberal Education Electives)
- for the Bachelor of Applied Arts in Psychology programs (see Bachelor of Applied Arts in Psychology Liberal Education Electives)

## ACTIVE COURSES

### Astronomy (ASTR)

ASTR 1100	Introduction to Astronomy	4 credits
ASTR 3110	Exploring the Solar System	3 credits
ASTR 3111	Exploring Stars & Galaxies	3 credits

### Biology (BIOL)

BIOL 1112	Biology Today	4 credits
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### Chemistry (CHEM)

CHEM 1101	CSI: Chemical Sciences Investigation	4 credits
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### Community & Health Studies (CAHS)

CAHS 2100	The Reflective Practitioner	3 credits
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### English (ENGL)

ENGL 1100	Writing, Reading and Thinking: An Introduction	3 credits
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ENGL 1202	Reading and Writing about Selected Topics: An Introduction to Literature	3 credits
ENGL 2300	Advanced Writing and Research Skills	3 credits
ENGL 2309	Literature of the United States of America	3 credits
ENGL 2315	The Comic Voice	3 credits
ENGL 2316	English Literature: 14th to 18th Centuries	3 credits
ENGL 2317	English Literature: 18th to 20th Centuries	3 credits
ENGL 2319	The Novel in English: Its Development	3 credits

### Environmental Protection Tech (ENVI)

ENVI 3112	Environment and Society	3 credits
ENVI 3212	The Urban Environment	3 credits

### Fashion & Technology (FASN)

FASN 1100	Fundamentals of Fashion Design	3 credits
FASN 1230	Fashion Drawing I	2 credits
FASN 2100	Fashion Design I	3 credits
FASN 2115	History of Costume	2.5 credits
FASN 2200	Fashion Design and Drawing II	5 credits
FASN 3100	Textile Design	3 credits
FASN 4100	Line and Portfolio Development	5.5 credits

### Foundations of Design (FIND)

The following FASN courses listed below are open only to Fashion Design and Fashion Marketing students.

FIND 1120	Design History 1	3 credits
FIND 1130	Design Explorations	3 credits
FIND 1140	Colour Theories	3 credits
FIND 1150	Designing for Humanity	3 credits
FIND 1220	Interdisciplinary Design History II	3 credits

### French (FREN)

FREN 1100	French for Beginners I	3 credits
FREN 1101	French for Beginners II	3 credits

### German (GERM)

GERM 1100	Basic German I	3 credits
GERM 1101	Basic German II	3 credits
GERM 2200	Intermediate German I	3 credits
GERM 2201	Intermediate German II	3 credits

### Graphic Design for Marketing (GDMA)

GDMA 1140	Graphic Design and Society I	3 credits
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GDMA 1240	Graphic Design and Society II	3 credits
GDMA 2140	Communications Design, Consumerism and Popular Culture	3 credits
GDMA 2240	Social Contexts For Interactive Media	3 credits

### History (HIST)

HIST 1113	Canada to 1867	3 credits
HIST 1114	Canada since 1867	3 credits
HIST 1120	Europe 1900 - 1939	3 credits
HIST 1121	Europe since 1939	3 credits
HIST 1130	Twentieth Century World 1900 to 1945	3 credits
HIST 1131	Twentieth Century World 1945 to 2000	3 credits
HIST 1145	American History 1607-1865	3 credits
HIST 1146	American History 1865 -1974	3 credits
HIST 2300	Introduction to World Civilizations	3 credits
HIST 2304	Canadian-American Relations	3 credits
HIST 2307	Twentieth Century Britain	3 credits
HIST 2335	War in the Modern World	3 credits
HIST 2350	Late Imperial China	3 credits
HIST 3310	The Fibre of Society: Textile Production in Global History	3 credits

### Human Services Worker (HSWC)

HSWC 1145	Introduction to the Community: Context for Professional Practice	3 credits
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### Japanese (JAPN)

JAPN 1100	Basic Japanese I	3 credits
JAPN 1101	Basic Japanese II	3 credits
JAPN 2200	Intermediate Japanese I	3 credits
JAPN 2201	Intermediate Japanese II	3 credits

### Journalism (JRNL)

JRNL 1100	Explorations in Mass Communications	3 credits
JRNL 2301	Media and Audiences	3 credits
JRNL 2401	Ethics and the Media	3 credits
JRNL 3200	Media and Diversity	3 credits
JRNL 4200	History of Canada Journalism	3 credits

### Liberal Education (LBED)

LBED 3110	Work, Technology and Society	3 credits
LBED 3120	Study of Cultures	3 credits

LBED 3310	Power Relationships I	3 credits
LBED 3311	Power Relationships II	3 credits
LBED 3410	Literature of the Humanities	3 credits
LBED 3420	Themes in Contemporary Culture	3 credits
LBED 4810	Innovation and Creativity	3 credits

### Linguistics (LING)

LING 1100	Introduction to Language Structure	3 credits
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### Mandarin (MAND)

MAND 1100	Beginner Mandarin I	3 credits
MAND 1101	Beginner Mandarin II	3 credits
MAND 2200	Intermediate Mandarin I	3 credits
MAND 2201	Intermediate Mandarin II	3 credits
MAND 3300	Mandarin for Speakers of Other Chinese Dialects I	3 credits
MAND 3301	Mandarin for Speakers of Other Chinese Dialects II	3 credits

### Marketing (MRKT)

MRKT 1299	Consumer Behaviour	3 credits
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### Mathematics (MATH)

MATH 1190	Mathematics for Elementary School Teachers	4 credits
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### Physics (PHYS)

PHYS 1112	Reel Physics	3 credits
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### Political Science (POLI)

POLI 1120	Canadian Government and Politics	3 credits
POLI 1125	Introduction to Political Science	3 credits
POLI 1145	Introduction to Comparative Government and Politics	3 credits
POLI 1150	Introduction to International Relations	3 credits
POLI 2150	States, Markets, Globalization: International Political Economy	3 credits
POLI 2155	War, Crime, and Violence: Contemporary Political Conflict	3 credits
POLI 2235	British Columbia Government and Politics	3 credits

### Psychology (PSYC)

PSYC 1100	Introduction to Psychology: Basic Processes	3 credits
PSYC 1200	Introduction to Psychology: Areas and Applications	3 credits

PSYC 2308	History and Systems of Contemporary Psychology	3 credits
PSYC 2322	Developmental Psychology: Adulthood	3 credits
PSYC 2330	Social Psychology	3 credits
PSYC 2370	Psychology of Personality	3 credits
PSYC 3307	Historical and Philosophical Foundations of Psychology	3 credits
PSYC 3500	Interpersonal Relations I	3 credits
PSYC 3930	Consumer Psychology - Research & Applications	3 credits
PSYC 4500	Interpersonal Relations II	3 credits
PSYC 4700	Culture and Psychology	3 credits

### Punjabi (PUNJ)

PUNJ 1100	Introductory Punjabi I	3 credits
PUNJ 1101	Introductory Punjabi II	3 credits
PUNJ 2200	Intermediate Punjabi I	3 credits
PUNJ 2201	Intermediate Punjabi II	3 credits

### Spanish (SPAN)

SPAN 1100	Basic Spanish I	3 credits
SPAN 1101	Basic Spanish II	3 credits
SPAN 2200	Intermediate Spanish I	3 credits
SPAN 2201	Intermediate Spanish II	3 credits

#### Notes:

\* Cannot be used towards satisfying the liberal education requirements for the school of Business degrees.

\*\* Open only to Fashion Design and Fashion Marketing students.

## INACTIVE (DISCONTINUED) COURSES

### English (ENGL)

ENGL 1110	Writing and Literature: An Introduction	3 credits
ENGL 1201	Canadian Literature	3 credits
ENGL 1203	Women and Literature	3 credits
ENGL 1205	Drama and the Short Story	3 credits
ENGL 1206	Poems And Novels	3 credits
ENGL 2310	Literature in Translation	3 credits
ENGL 2313	Studies In Major Authors	3 credits

### Entrepreneurial (ENTR)

ENTR 3033	Business Ethics	3 credits
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### Environmental Protection Tech (ENVI)

ENVI 1112	Environmental Science	5 credits
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### Fashion & Technology (FASN)

FASN 1110	History of Costume	2.5 credits
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FASN 1210	The Apparel Industry	2.5 credits
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### French (FREN)

FREN 1105	Basic French I	3 credits
FREN 1106	Basic French II	3 credits
FREN 1110	French Language I	3 credits
FREN 1210	French Language II	3 credits

### History (HIST)

HIST 1101	Europe in the Middle Ages	3 credits
HIST 1102	Europe 1450 to 1789	3 credits
HIST 1119	Europe 1789 to 1914	3 credits
HIST 2305	British Columbia	3 credits
HIST 2310	Germany 1870 to 1945	3 credits
HIST 2312	Quebec In Canada	3 credits
HIST 2327	History of Russia to 1917	3 credits
HIST 2328	History of the Soviet Union	3 credits
HIST 2345	Ancient & Imperial China	3 credits
HIST 2360	Origins of Modern India	3 credits
HIST 2370	The United States Since 1945	3 credits

### Liberal Education (LBED)

LBED 3130	Critical Thinking, Logic, and Scientific Reasoning	3 credits
LBED 3140	Science and Technology - an Historical & Philosophical Overview	3 credits
LBED 4210	Ethics and Social Issues	3 credits
LBED 4900	Community Involvement and Contribution	3 credits

### Linguistics (LING)

LING 1200	Introduction to Language Use	3 credits
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## Quantitative Courses

### Faculty of Science & Horticulture

APSC 1120	Intro to Engineering	3 credits
APSC 1151	Intro to Engineering Graphics	3 credits
ASTR 1100	Introduction to Astronomy	4 credits
ASTR 2101	Astrophysics I: Stellar Astrophysics	3 credits
ASTR 2102	Astrophysics II: Galactic Astronomy	3 credits
ASTR 3110	Exploring the Universe I: The Solar System	3 credits
ASTR 3111	Exploring the Universe II: Stars and Galaxies	3 credits
BIOL 1110	Introductory Biology I	4 credits

BIOL 1112	Biology Today	4 credits	MATH 2233	Linear Algebra for Engineering	3 credits
BIOL 1160	Anatomy and Physiology I	4 credits	MATH 2234	Computer Applications of Linear Algebra for Applied Science Students	0.5 credits
BIOL 1210	Introductory Biology II	4 credits	MATH 2315	Probability and Statistics	3 credits
BIOL 1260	Anatomy and Physiology II	4 credits	MATH 2321	Multivariate Calculus (Calculus III)	3 credits
BIOL 2320	Genetics	4 credits	<i>MATH 2322</i>	(discontinued)	3 credits
BIOL 2321	Cell Biology I	4 credits	MATH 2331	Introduction to Analysis	3 credits
BIOL 2322	Ecology	4 credits	<i>MATH 2340</i>	(discontinued)	3 credits
BIOL 2421	Cellular Biochemistry	3 credits	MATH 2341	Introduction to Statistics for Business	4 credits
CHEM 1101	CSI: Chemical Sciences Investigation	4 credits	<i>MATH 2421</i>	(discontinued)	4 credits
CHEM 1105	Introductory Chemistry	4 credits	MATH 3150	The Structure of Mathematics	3 credits
CHEM 1110	The Structure of Matter	4 credits	MATH 3250	Geometry	3 credits
CHEM 1210	Chemical Energetics and Dynamics	4 credits	MATH 3322	Vector Calculus (Calculus IV)	3 credits
CHEM 2310	Physical Chemistry	4 credits	MATH 3421	Ordinary Differential Equations	3 credits
CHEM 2311	Physical Chemistry for Life Sciences	3 credits	MATH 3450	History of Mathematics	3 credits
CHEM 2315	Analytical Chemistry	4 credits	MATH 4150	Number Theory	3 credits
CHEM 2320	Organic Chemistry I	4 credits	MATH 4250	Special Topics in Mathematics	3 credits
CHEM 2410	Physical-Inorganic Chemistry	5 credits	MATH 4350	Senior Project	3 credits
CHEM 2420	Organic Chemistry II	4 credits	PHYS 1100	Introductory Physics	4 credits
ENVI 1112	Environmental Science	5 credits	PHYS 1101	Physics for Life Sciences I	4 credits
ENVI 1121	Environmental Issues	3 credits	PHYS 1102	Physics for Life Sciences II	4 credits
ENVI 1216	Introduction to Earth Sciences	5 credits	PHYS 1112	Reel Physics	3 credits
ENVI 2310	Solid Waste Management	3 credits	PHYS 1120	Physics for Physical and Applied Sciences I	4 credits
HORT 1102	Botany for Horticulture	3 credits	PHYS 1170	Mechanics I	3 credits
HORT 1104	Soils, Soil Amendments and Soilless Media: An Introduction	3 credits	PHYS 1220	Physics for Physical and Applied Sciences II	4 credits
<i>MATH 1111</i>	(discontinued) †	1.5 credits	PHYS 2101	Experimental Physics I	2.5 credits
MATH 1112	Pre-Calculus Algebra †	3 credits	PHYS 2201	Experimental Physics II	2.5 credits
<i>MATH 1113</i>	(discontinued) †	3 credits	PHYS 2330	Intermediate Mechanics	3 credits
MATH 1115	Statistics I	3 credits	PHYS 2335	Modern Laboratory Practice	3.5 credits
MATH 1116	Mathematical Explorations	3 credits	PHYS 2420	Intermediate Electricity and Magnetism	3 credits
MATH 1120	Differential Calculus	3 credits	PHYS 2421	Laboratory in Electric Circuits	2 credits
MATH 1130	Calculus for Life Sciences I	3 credits	PHYS 2424	Relativity and Quanta	3 credits
MATH 1140	Calculus I (Business Applications credits)	3 credits	PHYS 3202	Biophysics	3 credits
MATH 1152	Matrix Algebra for Engineers	3 credits	† Credit will not be given for both MATH 1112 and the combination of MATH 1111/1113.		
MATH 1190	Math for Elementary School Teachers	4 credits	<b>Other Faculties</b>		
MATH 1220	Integral Calculus	3 credits	ACCT 1230	Business Statistics	3 credits
MATH 1230	Calculus for Life Sciences II	3 credits	<i>ANTH 1125</i>	(discontinued)	3 credits
MATH 1240	Calculus II (Business Applications credits)	3 credits	ANTH 1200	Biological Anthropology	3 credits
MATH 2232	Linear Algebra	3 credits			



ANTH 1211	(discontinued)	3 credits	PHIL 1250	(discontinued)	3 credits
ANTH 1217	Forensic Anthropology	3 credits	PHIL 3150	Advanced Formal Logic	3 credits
CPSC 1103	Introduction to Computer Programming I	3 credits	PSYC 2300	Applied Statistics	3 credits
CPSC 1204	Introduction to Computer Programming II	3 credits	PSYC 2400	Experimental Psychology: Research Methodology	3 credits
CPSC 1205	Fundamental Concepts of Computing	3 credits	PSYC 3300	Applied Statistics II	3 credits
CPSC 2302	Data Structures and Program Organization	3 credits	PSYC 3400	Applied Research I	3 credits
CPSC 2405	Introduction to Discrete Math I	3 credits	PSYC 4100	Tests and Measurement	3 credits
CISY 1220	Foundations in Applied Computing	3 credits	SOCI 2365	An Introduction to Statistics in Social Research	3 credits
CISY 2311	C/C++ Programming	3 credits			
CISY 2314	Database Management Systems	3 credits			
CISY 2315	Data Structure	3 credits			
CRIM 1208	Methods of Research in Criminology	3 credits			
CRIM 2103	Quantitative Data Analysis I	3 credits			
CRIM 3103	Quantitative Data Analysis II	3 credits			
ECON 1150	Microeconomics (effective January 2010)	3 credits			
ECON 1250	Macroeconomics (effective January 2010)	3 credits			
ECON 2210	Money and Banking	3 credits			
ECON 2350	Intermediate Microeconomics	3 credits			
ECON 2450	(discontinued)	3 credits			
ECON 3450	Intermediate Macroeconomics	3 credits			
GEOG 1110	Introduction to the Atmosphere	3 credits			
GEOG 1120	Introduction to Earth Science	3 credits			
GEOG 2310	Climatology	3 credits			
GEOG 2320	Geomorphology	3 credits			
GEOG 2330	Introduction to Hydrology	3 credits			
GEOG 2390	Geographic Information and Data Analysis	3 credits			
GEOG 2395	Cartographic Techniques	3 credits			
GEOG 2400	Introduction to GIS	3 credits			
GEOL 1210	Our Changing Earth	4 credits			
LBED 3130	Critical Thinking, Logic and Scientific Reasoning	3 credits			
LBED 3131	Deduction and Induction	3 credits			
NURS 4120	Qualitative and Quantitative Analysis	3 credits			
PHIL 1150	Introduction to Formal Logic	3 credits			
PHIL 1155	Introduction to Scientific Reasoning	3 credits			

## Requesting Official Course Outlines

To request transfer credit at other educational institutions for a course taken at Kwantlen, students are often required to provide the other institutions with a copy of the official course outline that was in effect at the time the course was taken at Kwantlen.

Official course outlines are provided as a service to current and previous Kwantlen students.

### Making a request:

- Your full name as it was when you were a student at Kwantlen
- Your 9-digit Kwantlen student number
- The course code and number for each course outline you require, as listed on your transcript, e.g. ENGL 1100
- The name and e-mail address of the person(s) or institution(s) to receive the course outline(s)

We will endeavour to fill course outline requests within 10 business days.

### What if:

- You don't know your Kwantlen student ID number
- You don't know the course numbers you require or when you took them
- You do not know or remember your myKwantlen login or email information

# A

## ACCESS PROGRAMS FOR PEOPLE WITH DISABILITIES (APPD)

### APPD 0021 CR-0

#### Work Exploration

Students with disabilities will explore a variety of vocational opportunities through combining employment oriented classroom instruction with monitored work experience. They will increase awareness of their vocational options and employment skills, and enhance their level of independence in campus, community and work settings.

### APPD 0031 CR-0

#### Job Preparation

Students with disabilities will explore vocational opportunities through combining employment oriented classroom instruction with monitored work experience. They will develop individual vocational goals and enhance their employability.

### APPD 0041 CR-0

#### Strategies for Employment

Students with disabilities will integrate their educational experiences and learn effective job search strategies in order to apply them to the workforce. They will participate in employment oriented classroom instruction and an extended work experience placement.

### APPD 0210 CR-0

#### VST: Childcare Aide

Students with various disabilities will explore vocational opportunities in the childcare field by combining classroom instruction with participation in monitored work-experience placements in childcare facilities, while supported by APPD Vocational Skills Training staff. They will prepare to qualify for the "responsible adult" designation as defined in the Child Care Facility Act. The Family Childcare Program is a corequisite for this program.

*Co-requisites: CHLD,CTFC: all components of Family Childcare Program*  
*CHLD,CTFC: all components of Family Childcare Program*

### APPD 0220 CR-0

#### VST: Automotive Assistant

Students with various disabilities will acquire basic skills and knowledge for working as an automotive assistant by participating in training programs at Kwantlen and other selected sites, while supported by APPD Vocational Skills Training staff. They will also explore vocational opportunities by combining vocational-related classroom and shop instruction with participation in monitored work experience placements. Students must register half-time in the Automotive Service Technician Program and complete assigned modules.

*Prerequisites: Drivers Licence: Class 7 (novice) minimum*

### APPD 0230 CR-0

#### Vocational Skills Training: Clerical Assistant

Students with disabilities will acquire basic skills and knowledge for working in the field of business technology. They will explore vocational opportunities by combining vocational-related classroom instruction with participation in monitored work-experience placements in various businesses, while being supported by APPD Vocational Skills Training staff.

*Co-requisites: any two of the following: BUSI 1215, CBSY 1105, CMNS 1140, LGLA 1115, LGLA 1135 or LGLA 1145 any two of the following: BUSI 1215, CBSY 1105, CMNS 1140, LGLA 1115, LGLA 1135 or LGLA 1145*

### APPD 0250 CR-0

#### VST: Food Services Assistant

Students with various disabilities will acquire basic skills and knowledge for working in the food services industry by participating in training programs at selected sites, while supported by APPD Vocational Skills Training staff. They will also explore vocational opportunities by combining vocational-related classroom instruction with participation in monitored work experience placements.

### APPD 0310 CR-0

#### VST: ECE Assistant

Students with disabilities will explore advanced vocational opportunities in the childcare field by combining classroom instruction with participation in monitored work-experience placements in childcare facilities, while supported by APPD Vocational Skills Training staff. They will prepare to qualify for the designation of Early Childhood Educator Assistant as defined in the Community Care and Assisted Living Act.

*Prerequisites: APPD 0210*

*Co-requisites: From a training institution currently approved by the Ministry of Children and Family Development in the "Approved Training Institutions Offering Early Childhood Education Programs" document found at <http://www.mcf.gov.bc.ca/childcare/ece/training.htm>: Child Growth and Development or Health, Safety and Nutrition or Child Guidance*  
*From a training institution currently approved by the Ministry of Children and Family Development in the "Approved Training Institutions Offering Early Childhood Education Programs" document found at <http://www.mcf.gov.bc.ca/childcare/ece/training.htm>: Child Growth and Development or Health, Safety and Nutrition or Child Guidance*

## ACCOUNTING (ACCT)

### ACCT 1110 CR-3

#### Principles of Accounting I

Students will learn the theory and practice of recording and reporting financial events for service and merchandising businesses, with consideration of accounting for property owned by businesses.

Credit will not be granted for ACCT 1110 if credit was previously granted for ACCT 2293. Credit will not be granted for both ACCT 1210 and ACCT 2293.

*Transferable (refer to transfer guide)*

**ACCT 1130 CR-3****Business Mathematics**

Students will learn methods and procedures of business mathematics, including the mathematics of merchandising, interests, annuities and investment decisions.

Note: Students may earn credits for only one of ACCT 1130 or BUQU 1130 as they are identical.

**ACCT 1160 CR-3****Accounting Essentials**

Students will learn the basic concepts of financial and managerial accounting. They will study planning, budgeting, and decision-making techniques from a financial perspective.

NOTE: This survey course is intended for students who do not plan to pursue a School of Business credential.

**ACCT 1210 CR-3****Principles of Accounting II**

Students will learn the examination of the balance sheet commenced in Accounting 1110, with an emphasis on liabilities and capital structure. They will complete the examination of the key financial statements required for external reporting.

Credit will not be granted for ACCT 1110 if credit was previously granted for ACCT 2293. Credit will not be granted for both ACCT 1210 and ACCT 2293.

*Prerequisites: ACCT 1110  
Transferable (refer to transfer guide)*

**ACCT 1230 CR-3****Business Statistics**

Students will learn several statistical concepts, methods and procedures used in business, including frequency distributions, probability theory, sampling, estimation, hypothesis testing, linear regression and decision theory. Microcomputer application will form part of this course. Students will be expected to know, or to acquire on their own, basic Excel skills.

Note: Students may earn credits for only one of ACCT 1230 or BUQU 1230 as they are identical.

*Transferable (refer to transfer guide)*

**ACCT 2293 CR-3****Intro. to Financial Accounting**

Students will learn generally accepted accounting principles, the accounting cycle, capital and income measurement, financial statement preparation and analysis with emphasis on reporting to shareholders, creditors and other external decision-makers.

Credit will not be granted for ACCT 1110 if credit was previously granted for ACCT 2293. Credit will not be granted for both ACCT 1210 and ACCT 2293.

*Transferable (refer to transfer guide)*

**ACCT 3111 CR-3 (formerly FNSR 3111)****Introduction to Fraud Examination**

Students will analyze the fraud problem and its social and economic impacts. They will examine various issues fundamental to the understanding, prevention, detection, and deterrence of fraud from a management perspective.

Note: Students may be entitled to use this course towards Association of Certified Fraud Examiners requirements.

*Prerequisites: CRIM 1107 or BUSI 2390 or ACCT 2293 or permission of instructor*

**ACCT 3310 CR-3****Intermediate Financial Accounting I**

Students will examine accounting theory and current Canadian practice in the measurement, recording and reporting of financial information, with emphasis on the accounting for assets.

Note: For graduation purposes : A maximum of 6 credits can be obtained for any combination of ACCT 3310, ACCT 3410 and ACCT 3510.

*Prerequisites: ACCT 1210 or 2293 or (ABTY 1242 and 1243)  
Transferable (refer to transfer guide)*

**ACCT 3320 CR-3****Introductory Management Accounting**

Students will study a variety of management accounting topics including use of internal accounting information for decision making, cost terms and concepts, alternative costing systems, cost / volume / profit relationships, budgeting and profit planning, relevant costing, standard costing, variable costing, variance analysis, segment reporting and transfer pricing.

For graduation purposes: A maximum of 6 credits can be obtained for any combination of ACCT 3320, ACCT 3420, and ACCT 3520

*Prerequisites: ACCT 1210 or 2293 or (ABTY 1242 & 1243)*

**ACCT 3335 CR-3****Taxation**

Students will learn to calculate taxable income and taxes payable for both individuals and corporations. They will also review selected specialized topics in taxation such as Goods and Services Tax (GST), trusts and estates.

*Prerequisites: ACCT 1210 or 2293 or (ABTY 1242 and 1243)*

**ACCT 3380 CR-3****Managerial Finance**

Students will obtain an understanding of the role and function of financial management, valuation of investments, capital budgeting, cost of capital, capital structure, dividend policy, long-term sources of funds, short and intermediate term financing, working capital management, mergers and consolidations, financial analysis, planning and control.

*Prerequisites: ACCT 1210 or 2293 or (ABTY 1242 and 1243) and ACCT 1130 or any other first year math course.*

**ACCT 3410 CR-3****Intermediate Accounting II**

Students will examine accounting theory and current Canadian practice in the measurement, recording and reporting of financial information with emphasis on the accounting for liabilities and owners' equity.

Note: For graduation purposes : A maximum of 6 credits can be obtained for any combination of ACCT 3310, ACCT 3410 and ACCT 3510.

*Prerequisites: ACCT 3310 or (ACCT 1210 with a B) or (ACCT 2293 with a B)*

*Transferable (refer to transfer guide)*

**ACCT 3420 CR-3****Advanced Management Accounting**

Students will study a variety of management accounting topics including flexible budgets, standard costs, variance analysis and investigation decisions, cost behavior, cost allocation. Topics also covered are: linear programming, joint products and by-products, special issues of process costing, alternative inventory models, pricing theory and strategies, and decentralization and transfer pricing. In addition, the course will cover the quality, operations costing, backflush costing, statistical analysis and linear models as well as selected current issues.

For graduation purposes: A maximum of 6 credits can be obtained for any combination of ACCT 3320, ACCT 3420, and ACCT 3520

*Prerequisites: ACCT 3320*

**ACCT 3444 CR-3****Auditing**

Students will study auditing principles and internal control Topics covered include audit reporting, auditing standards, techniques and procedures. They will compare and contrast the independent and internal audit functions.

*Prerequisites: ACCT 3310 or 3410 or 3510*

**ACCT 3510 CR-6****Intermediate Financial Accounting**

Students will examine accounting theory and current Canadian practice in the measurement, recording, and reporting of financial information.

Note: For graduation purposes : A maximum of 6 credits can be obtained for any combination of ACCT 3310, 3410 and 3510.

*Prerequisites: (ACCT 1210 or 2293) or (ABTY 1242 and 1243)  
Transferable (refer to transfer guide)*

**ACCT 3520 CR-6****Management Accounting I & II**

Students will study a variety of management accounting topics including cost terms and concepts, cost-volume-profit relationships, job-costing, budgeting, variance analysis, alternative costing methods, understanding how costs behave, relevant costing, linear programming, pricing decisions, balanced scorecard, and cost allocation. They will also study joint products and by-products, process costing, quality and time issues, inventory management, and decentralization and transfer pricing.

For graduation purposes: A maximum of 6 credits can be obtained for any combination of ACCT 3320, ACCT 3420, and ACCT 3520

*Prerequisites: ACCT 1210 or 2293*

**ACCT 4120 CR-3****Financial Statement Presentation and Analysis**

Students will learn to prepare a set of financial statements, including proper note disclosure acceptable for publication according to generally accepted accounting principles. They will analyze and evaluate financial statements in the form of published annual reports, with special emphasis on different industry-specific presentation and disclosure styles. Students will study differences in international accounting standards.

*Prerequisites: ACCT 3410 and 4360 and ENTR 3140 and 3500*

**ACCT 4150 CR-3****International Issues for Financial Managers**

Students will study specific topics in international financial management. They will learn how to manage foreign currency exposure and capital budgeting in a multinational environment.

*Prerequisites: ENTR 3170 or ACCT 3380*

**ACCT 4180 CR-3****Forensic Accounting**

Students will complete an overview of the theories of forensic accounting and the tools used in forensic investigation. They will learn how to analyze, interpret, summarize and present financial-related issues in a way that is both understandable and properly supported, with a focus on the private sector.

*Prerequisites: ACCT 3444 and BUSI 2390*

**ACCT 4199 CR-3****Accounting Theory**

Students will learn advanced accounting and will study the practical and theoretical problems of the present value model, foreign exchange accounting, standard setting and agency theory. They will examine the contributions of economics, finance and other disciplines to accounting theory, and will evaluate current issues and problems in the field.

*Prerequisites: ACCT 3380 and (3310 or 3510)*

*Co-requisites: ACCT 3410 for those who have not previously completed 3510 ACCT 3410 for those who have not previously completed 3510*

**ACCT 4335 CR-3****Taxation 2**

Students will learn to calculate taxable income and taxes payable, Goods and Services Tax (GST), as well as tax planning techniques for both individuals and corporations, using a well-known computerized application. They will also review selected specialized topics in taxation such as trusts, estates, corporate reorganizations and multi-corporation structures to identify situations that could result in tax savings.

*Prerequisites: ACCT 3335 and (3310 or 3510)*

**ACCT 4360 CR-3****Computer Modelling for Manager**

Students will build a complete Proforma Financial Planning and Valuation Model using spreadsheet technology. They will prepare a complete set of Financial Statements using an Accounting Software Package and Simulation Case. Students will use case studies and will be used to introduce data warehousing and data mining and its use in Financial Management.

*Prerequisites: ACCT 3380 and (3410 or 3510)*

*Transferable (refer to transfer guide)*

**ACCT 4445 CR-3 (formerly ACCT 3445)****Auditing 2**

Students will learn how to prepare an audit file and financial statements using a computerized application. They will study current and advanced issues affecting the auditing profession, including the public's expectation of audits and various types of engagement.

*Prerequisites: ACCT 3444*

**ACCT 4455 CR-3 (formerly ACCT 3455)****Advanced Financial Accounting**

Students will study the current issues in financial reporting, incorporate investments and business combinations, foreign operations, not-for-profit organizations, interim reports, segmented information, partnerships and joint ventures.

*Prerequisites: ACCT 3410 or 3510*

**ACCT 4650 CR-3****Not-for-Profit Financial Management**

Students will study accounting and management for not-for-profit organizations. They will learn about stewardship and accountability of resources, fund accounting, financial reporting, management accounting, evaluating volunteer resources, fundraising, performance measurement of the organization's goals and objectives and the Societies Act.

*Prerequisites: (ACCT 3310 or 3510) and (ACCT 3320 or 3520) and ENTR 3000*

**ACCT 4720 CR-3****Advanced Managerial Accounting**

Students will utilize advanced managerial accounting theories to make decisions in simulated and actual business situations. They will explore various strategies in developing the design and measurement of cost management systems through case analysis and/or projects.

*Prerequisites: ACCT (3420 or 3520) and 4120 and 4360*

**ACCT 4780 CR-3****Advanced Managerial Finance**

Student will learn current financial management theories along with the technical skills necessary to maximize the economic value of the firm for its shareholders. They will learn how to identify, define and resolve the issues, problems and challenges faced by financial managers in today's complex financial environment.

*Prerequisites: ACCT 3380 and 4120 and 4360*

**ADULT BASIC EDUCATION (ABE\*)****Adult Basic Education - Assessment****ABEA 0024 CR-0****ABE Orientation**

Students will complete a thorough assessment and placement process and will, in consultation with the instructor, develop a specific educational plan in relation to achieving their academic goals. Students will understand the demands of learning in an individually-paced continuous-intake classroom.

*Prerequisites: ACP Assessment*

**Adult Basic Education - Biology****ABEB 0011 CR-4****Advanced Science (Biology 11)**

Students will survey the diversity of life with the unifying theme of evolution via natural selection. They will examine the relationships of organisms to each other and of organisms to their physical environment.

*Prerequisites: English 12 (C) or English 12 First Peoples (C) or English 11 (B) or ABEE 0081 (B-) or PSPE 1081 (B-) or ENGP 1081 (B-) or ENGL 1099 (C) or ENGQ 1099 (C) or LPI Score (Essay 26 with EU 6+ and Reading Comprehension 16) or ACP Assessment or EPT or IELTS 6.0 (no band less than 6.0) or iBT 80 or PBT 550 (TWE 4.5)*

**ABEB 0012 CR-4****Provincial Science (Biology 12)**

Students will study the levels of organization within the human body. They will be introduced to cell structure and function, cell division, the molecular basis of inheritance, genetics, bioenergetics, and human anatomy and physiology.

*Prerequisites: English 12 (C) or English 12 First Peoples (C) or English 11 (B) or ABEE 0081 B- or PSPE 1081 B- ENGP 1081 B- or ENGL 1099 (C) or ENGQ 1099 (C) or LPI Score (Essay 26 with EU 6+ and Reading Comprehension 16) or ACP Assessment or EPT or IELTS 6.0 (no band less than 6.0) or iBT 80 or PBT 550 (TWE 4.5)*

*Transferable (refer to transfer guide)*

**Adult Basic Education - English****ABEE 0070 CR-3****Intermediate English (English 10)**

Students will learn grammar and usage skills; descriptive, narrative and expository writing; letter, resume and short report writing; listening and speaking skills; and introductory word processing in an individually-paced, continuous-intake mode.

*Prerequisites: ABEE 0060 or ENGP 1060) or {(ABEW 0064 or ENGW 1064) and (ABER 0065 or ENGR 1065)} or ELST 0181 (B) or ELST 0281 (C) or ACP Assessment.*

**ABEE 0081 CR-3****Advanced English (Grade 11 equivalent)**

Students will learn to communicate effectively, using a variety of formats, in preparation for post-secondary-level courses. Students will focus on written and oral communication skills, such as essays, research papers, and oral presentations. This course is in an individually-paced, continuous-intake mode.

*Prerequisites: ABEE 0070 (B-) or ENGP 1070 (B-) or ENGQ 1099 or ELST 0281 (B-) or ACP Assessment*

### **ABEE 0091 CR-3**

#### **Provincial Level English (English 12)**

Students will study English literature in order to prepare for university-level English courses and/or qualify for the B.C. Adult Graduation Diploma. They will read, analyze and respond, orally and in writing, to selected works of literature from prose fiction, poetry and drama.

*Prerequisites: English 12 (C) or English 12 First Peoples (C) or English 11 (B) or ABEE 0081 (B-) or ENGP 1081 (B-) or ABEE 0089 (C) or ENGP 1089 (C) or ENGQ 1098 (C) or ENGQ 1099 (C) or LPI Score (Essay 26 with EU 6+ and Reading Comprehension 16) or ACP Assessment or EPT or [ELST 0381 (B-) and ELST 0383 (B-)] or IELTS 6.0 (no band less than 6.0) or iBT 80 or PBT 550 (TWE 4.5)*

*Co-requisites: Students who are entering with a C grade in English 12 are strongly recommended to take ENGQ 1096 concurrently. Students who are entering with a C grade in English 12 are strongly recommended to take ENGQ 1096 concurrently. Transferable (refer to transfer guide)*

### **ABEE 0092 CR-3 (formerly ABEE 0097)**

#### **Professional And Technical English 12**

Students will prepare for post secondary studies through the acquisition of skills in critical reading, listening/viewing, speaking and technical writing. They will apply oral and writing skills by studying, preparing and presenting a variety of business and technical communications and essays.

*Prerequisites: English 12 (C) or English 12 First Peoples (C) or English 11 (B) or ABEE 0081 (B-) or ENGP 1081 (B-) or ABEE 0089 (C) or ENGP 1089 (C) or ENGQ 1098 (C) or ENGQ 1099 (C) or LPI Score (Essay 25 with EU 6+ and Reading Comprehension 16) or ACP Assessment or EPT or [ELST 0381 (B-) and ELST 0383 (B-)] or IELTS 6.0 (no band less than 6.0) or iBT 80 or PBT 550 (TWE 4.5)*

*Co-requisites: Students who are entering with a C grade in ENGL 12 are strongly recommended to take ENGQ 1096 concurrently. Students who are entering with a C grade in ENGL 12 are strongly recommended to take ENGQ 1096 concurrently. Transferable (refer to transfer guide)*

## **Adult Basic Education - Mathematics**

### **ABEM 0008 CR-0**

#### **Fundamental Mathematics**

Students will learn the fundamental operations of basic arithmetic (whole numbers, fractions, decimals, percentages) and apply the arithmetic to practical problems. They will also be introduced to metric measurement, geometry, and the interpretation of graphs.

*Prerequisites: ACP Assessment*

### **ABEM 0010 CR-3**

#### **Intermediate Mathematics (Math 10)**

Students will briefly review fundamental arithmetic and descriptive statistics. The major part of the course will focus on a study of algebra, word problems, graphs, measurement, geometry and right-triangle trigonometry, with an introduction to logic and sets. Students will upgrade their mathematics skills and understanding in preparation for an applied or academic program.

*Prerequisites: ABEM 0009 or MATP 1009 or MATQ 1091 or ACP Assessment or Mathematics Placement Test*

### **ABEM 0011 CR-3**

#### **Advanced Mathematics (Math 11)**

Students will learn algebra and trigonometry, with an emphasis on problem-solving. They will be introduced to functions, systems of equations, quadratic and exponential functions, inequalities, radical expressions, complex numbers, and the sine and cosine laws. Students may take this course either as an individualized self-paced course or as a scheduled offering with regular classes.

*Prerequisites: ABEM 0010 or MATP 1010 or MATQ 1092 or ACP Assessment or Mathematics Placement Test*

### **ABEM 0027 CR-0**

#### **Directed Study: Math**

Students will work on a variety of units taken from other ABE math courses at the Intermediate or Advanced level. The student and instructor will draw up a list of units appropriate to the student's needs.

*Prerequisites: (ABEE 0060 or ENGP 1060) and (ABEM 0008 or MATP 1008) or ACP Assessment*

## **Adult Basic Education - Physics**

### **ABEP 0011 CR-4**

#### **Introduction to Physics (Physics 11)**

Students will learn the basic concepts and formulae of classical physics in the areas of motion, forces, energy and electricity. Students will apply these concepts in solving problems and in lab work.

*Prerequisites: Math 10 or ABEM 0010 or MATP 1010 or MATQ 1092 or ACP Assessment*

## **Adult Basic Education - Reading**

### **ABER 0045 CR-3**

#### **Basic Reading Skills 1A**

Students with English as a first language who have had little or no experience with the printed word will learn basic reading comprehension skills in an individualized self-paced study mode. They will acquire basic level reading skills and prepare for entry into ABER 0055.

*Prerequisites: ACP Assessment*

*Co-requisites: ABER 0056 ABER 0056*

### **ABER 0055 CR-3**

#### **Basic Reading Skills 1B**

Students with English as a first language who have had little or no experience with the printed word will learn basic reading comprehension skills in an individualized individually-paced study mode. They students will acquire basic skills and prepare for entry into ABER 0065.

*Prerequisites: ACP Assessment*

*Co-requisites: ABER 0056 ABER 0056*

### **ABER 0056 CR-3**

#### **Phonetic Reading and Spelling Skills 1**

Students who have had little or no experience with the English phonemic system will learn basic phonetic reading and spelling skills, and basic word analysis skills in an individualized study mode. They will acquire basic phonemic awareness and prepare for ABER 0066. Note: Appropriate level reading comprehension course as identified through ACP Assessment.

*Prerequisites: ACP Assessment*

**ABER 0065 CR-2****Basic Reading Skills 2**

Students who have had limited experience with the printed word will learn basic reading comprehension skills in an individually-paced study mode. They will prepare for entry into Intermediate level ACP reading courses.

*Prerequisites: ACP Assessment*

*Co-requisites: ACP phonics course as identified through ACP assessment ACP phonics course as identified through ACP assessment*

**ABER 0066 CR-3****Phonetic Reading and Spelling Skills 2**

Students who have had limited experience with the English phonemic system will learn basic phonetic reading and spelling skills and basic word analysis skills in an individualized study mode. Note: Appropriate level reading comprehension course as identified through ACP Assessment

*Prerequisites: ACP Assessment*

**ABER 0075 CR-0****Directed Studies: Intermediate Reading**

Students at Intermediate level will work in a self-paced individualized study mode on individualized, specific objectives. They will work on basic reading improvement, listening comprehension, spelling improvement, vocabulary development, and/or reading in content areas appropriate to the students' goals.

*Prerequisites: ABER 0065 or ENGR 1065 or ACP Assessment*

**ABER 0085 CR-0****Directed Studies: Advanced Reading**

Students at Advanced level will work in a self-paced individualized study mode on individualized, specific objectives. They will work on reading improvement, listening comprehension, spelling improvement, vocabulary development, and/or reading in content areas appropriate to the students' goals.

*Prerequisites: ABER 0075 or ENGR 1075 or ACP Assessment*

**Adult Basic Education - Science****ABES 0010 CR-3****Intermediate Science (Science 10)**

Students will study the scientific method, biology, chemistry, physics, and one to three elective topics.

*Prerequisites: (ABEE 0060 or ENGP 1060) and (ABEM 0008 or MATP 1008) or ACP Assessment*

**ABES 0028 CR-0****Directed Study: Science**

Students will work on a variety of units taken from other ABE science courses at the Intermediate or Advanced level. The student and instructor will draw up a list of units appropriate to the student's needs.

*Prerequisites: (ABEE 0060 or ENGP 1060) and (ABEM 0008 or MATP 1008) or ACP Assessment*

**Adult Basic Education - Writing****ABEW 0044 CR-3****Basic Writing Skills 1A**

Students with English as a first language who have little or no writing experience will acquire the basic grammar and mechanical skills necessary for writing different kinds of simple, clear and correct sentences. They will acquire basic level writing skills and prepare for ABEW 0054.

*Prerequisites: ACP Assessment*

*Co-requisites: ACP reading and phonics course as identified through ACP assessment ACP reading and phonics course as identified through ACP assessment*

**ABEW 0054 CR-3****Basic Writing Skills 1B**

Students with limited writing experience will acquire the basic grammar and mechanical skills necessary for writing different kinds of simple, clear and correct sentences. They will acquire basic level writing skills and prepare for ABEW 0064.

*Prerequisites: ACP Assessment*

*Co-requisites: ACP reading and phonics course as identified through ACP assessment ACP reading and phonics course as identified through ACP assessment*

**ABEW 0064 CR-3****Basic Writing Skills 2**

Students will acquire the basic grammar and mechanical skills necessary for writing a variety of sentence types and simple paragraphs. They will prepare for ACP Intermediate Level English.

*Prerequisites: ABEW 0054 or ACP assessment*

*Co-requisites: ACP phonics and spelling or reading course as identified through ACP assessment ACP phonics and spelling or reading course as identified through ACP assessment*

**ABEW 0074 CR-0****Directed Studies: Intermediate Writing and Communications**

Students will work intensively on improving their writing and/or communication skills. In consultation with the instructor, students will choose and complete assignments at the Intermediate level pertinent to their specific goals. They will study in an individually-paced, continuous-intake mode.

*Prerequisites: ABEW 0064 or ENGW 1064 or ACP Assessment*

**ABEW 0084 CR-0****Directed Studies: Advanced Writing and Communications**

Students will work intensively on improving their writing and/or communication skills. In consultation with the instructor, students will choose and complete assignments at the Advanced level pertinent to their specific goals. They will study in an individually-paced, continuous-intake mode.

*Prerequisites: ABEW 0074 or ENGW 1074 or ACP Assessment*

# ANTHROPOLOGY

## ANTH 1100 CR-3

### Social & Cultural Anthropology

Students will study the interrelationships among culture, community and well-being. They will examine the diversity of human thought and behaviour in cross-cultural perspective. Students will focus on topics such as ethnography, gender, marriage and kinship, culture and adaptive strategies, social and political organization, religion and world view, and globalization.

*Transferable (refer to transfer guide)*

## ANTH 1200 CR-3 (formerly ANTH 1211)

### Biological Anthropology

Students will explore human ancestry, fossil hominids, non-human primates, and modern human physical variation. They will examine how we have evolved to become modern people and how our bodies and behaviour have been changed and shaped over millions of years. Students will gain knowledge of the theories of Charles Darwin together with the modern synthesis of his ideas, which show how our genes have evolved in response to our environment.

*Transferable (refer to transfer guide)*

## ANTH 1217 CR-3 (formerly ANTH 1125)

### Forensic Anthropology

Students will study forensic anthropology in order to identify unknown human skeletal remains for legal purposes. They will learn techniques for assessing the age-at-death, stature, and sex. Students will also explore the validity of determining "race" or "genetic heritage" based on biological remains. Students will analyze the skeleton to the level of individual identity by understanding how disease, trauma, and behavioural patterns can leave their mark on bones and teeth, through an examination of the application of forensic anthropology in particular investigative cases. They will also learn how cause and manner of death, and the postmortem interval affect the ability to apply forensic anthropological techniques.

*Transferable (refer to transfer guide)*

## ANTH 1300 CR-3 (formerly ANTH 1112)

### Archaeology

Students will analyze the various methods and perspectives used by archaeologists to study ancient cultures from around the world. They will examine the major branches of modern archaeology, as well as the historical development of the discipline. Students will learn how archaeological sites form and become preserved over long periods of time, and will discover how archaeological data are collected and analyzed through survey, excavation and dating methods. They will learn methods used to reconstruct both the economic and sociopolitical organization of ancient societies through analysis and critical discussion. Students will survey world prehistory and critically evaluate the effectiveness of the various methods and approaches studied.

*Transferable (refer to transfer guide)*

## ANTH 2100 CR-3

### Methods & Ethics in Anthropology

Students will conduct an overview of anthropological methods such as cross-cultural comparisons, multi-sited ethnography, participant observation, surveys, archival research, media analysis, narrative, collaborative ethnography, and visual analysis. They will critically explore ethical issues that have emerged within ethnographic research while they apply methods to case study examples.

*Prerequisites: ANTH 1100*

*Transferable (refer to transfer guide)*

## ANTH 2120 CR-3 (formerly ANTH 1229)

### Cross-Cultural Women's Studies

Students will explore the social and cultural roles of women within the context of culture, politics and society. They will critically examine the politics of gender, reproduction, education, the feminization of poverty, and the impact of environmental change on women. Students will examine, from classical anthropological and feminist perspectives, the ways in which women mobilize in response to these forces.

*Prerequisites: ANTH 1100*

*Transferable (refer to transfer guide)*

## ANTH 2133 CR-3 (formerly ANTH 1230)

### Religion, Magic, and Witchcraft

Students will investigate the broadly defined interrelationships between culture and religious beliefs, and practices. They will focus on topics such as religious symbols, magic, and witchcraft; rites of passage; spirit possession; and religion in popular culture.

*Prerequisites: ANTH 1100*

*Transferable (refer to transfer guide)*

## ANTH 2140 CR-3 (formerly ANTH 1220)

### First Nations Cultures of BC

Students will examine the anthropology of First Nations cultures of British Columbia, including archaeology, history and cultural studies. They will be using language and culture areas as a basis for a regional understanding of the diverse First Nations cultures of British Columbia. Students will also come to understand the importance of health, well-being and other contemporary issues. They will find it especially important to understand these ideas in order to examine the current debate regarding land, resource, treaty rights, and the rationale and history behind the modern treaty negotiations in British Columbia, as distinct from the rest of Canada.

*Prerequisites: ANTH 1100 or 1300*

*Transferable (refer to transfer guide)*

## ANTH 2142 CR-3 (formerly ANTH 1260)

### First Nations Cultures of Canada

Students will focus on the diversity of Aboriginal peoples and cultures. They will study traditional cultures in relation to regional culture and linguistic areas. Students will explore the impact of European influence on native life and cultures. They will examine the origin and nature of contemporary issues such as aboriginal rights movements, the treaty process, and special legal issues.

*Prerequisites: ANTH 1100 or 1300*

*Transferable (refer to transfer guide)*



**ANTH 2160 CR-3 (formerly 1240)****Culture and the Environment**

Students will analyze the adaptive strategies employed by different cultural groups around the globe. They will examine the complexity of human relationships with the environment in a world where conflicting cultural systems are often competing for survival.

*Prerequisites: ANTH 1100 or 1300 or 1112*

*Transferable (refer to transfer guide)*

**ANTH 2163 CR-3 (formerly ANTH 1275)****Culture, Health and Well-Being**

Students will investigate the interrelationships among culture, community and well-being. They will explore anthropological topics such as healing systems; culture, spirituality, and well-being; the language of distress; social suffering; and, practitioner-patient interactions.

*Prerequisites: ANTH 1100*

*Transferable (refer to transfer guide)*

**ANTH 2217 CR-3****Forensic Methods & Analysis**

Students will explore scientific hypothesis testing by performing experiments that evaluate current forensic methods. They will study several forensic fields such as: metric measurement, fingerprint examination, image analysis (including photographs and x-rays), bone trauma analysis, and discriminating human from animal bone. Students will participate in a one-day outdoor archaeological excavation exercise. They will apply the information learned in the course to practice the techniques associated with the recovery & analysis of material evidence & human remains. Students will also reflect on the ethical dilemmas involved in the integration of scientific, anthropological, archaeological, and legal testimony in professional reports and in the court system.

*Prerequisites: ANTH 1217*

*Transferable (refer to transfer guide)*

**ANTH 2300 CR-3****Archaeological Methods**

Students will conduct an in-depth review of current methods in anthropological archaeology. They will examine the historical development of the discipline and study the nature of the archaeological record, including categories of data and site formation processes. Students will study research design, data collection, dating methods and classification of artifacts. They will critically evaluate methods used to examine prehistoric technology, environmental reconstruction, subsistence and diet, and trade patterns.

*Prerequisites: (ANTH 1300 or 1112) and (ANTH 2320 or 2340)*

*Transferable (refer to transfer guide)*

**ANTH 2301 CR-3****Archaeological Methods for Cultural Resource Management**

Students will develop a hands-on understanding of a number of aspects of archaeological methodology central to cultural resource management (CRM) work. They will learn to apply these methods to the analysis of archaeological and landscape data, including how to report and organize the results of these analyses. Students will also be tasked with other important aspects of methodology in CRM, which include mapping, site forms, reports, budgets, and proposals.

Note: This course is co-requisite with ANTH 3361 and offered as field school studies during summer term.

*Prerequisites: 30 credits of 1100-level or higher, including ANTH 1300*

*Co-requisites: ANTH 3361 ANTH 3361*

*Transferable (refer to transfer guide)*

**ANTH 2310 CR-3****Archaeology of Death**

Students will examine the key concepts and methods used to analyze the funerary rituals and burial practices of ancient and recent societies. They will examine the theories and methods used by archaeologists to understand the social and ideological aspects of mortuary behavior. Students will study various forensic techniques used to analyze human remains from ancient and recent burials, and critically analyze the kinds of information they provide. They will also examine the ethical issues involved in the analysis of human remains from archaeological sites from a variety of different perspectives.

*Prerequisites: ANTH 1300 or 1100 or 1217*

*Transferable (refer to transfer guide)*

**ANTH 2320 CR-3****Archaeology of the Old World**

Students will be introduced to Old World Prehistory from the origin of the earliest modern humans through to the development of agriculture and complex state societies. They will examine the evidence for early human migrations from Africa into Europe and the Asia Pacific region. Students will study the rise of early farming communities in each area and then study the evolution of complex state societies. They will also examine an overview of the ancient civilizations of: Egypt and Mesopotamia; the early states of Africa and Europe; the evolution of Indus Valley civilizations and the early states of East and Southeast Asia. Students will critically evaluate the theories and methods of data analysis used to study these ancient cultures.

*Prerequisites: ANTH 1300 or 1112*

*Transferable (refer to transfer guide)*

**ANTH 2340 CR-3 (formerly ANTH 1216)****Archaeology of the New World**

Students will examine the archaeological record of the New World. They will study prehistoric cultures from the time of human entry into the Americas to the rise of the Pre-Columbian civilizations of Mesoamerica. Students will analyze ancient civilizations including the Aztec, Toltec, and Mayan states of the Yucatan peninsula; the South American cultures of the Incas; and the Moche and Nazca peoples of Peru. They will then study the development of the ancient Mississippian culture in southeastern North America and critically examine current methods of analysis, interpretations and theoretical debates concerning the sociopolitical evolution of these societies.

*Prerequisites: ANTH 1300 or 1112*

*Transferable (refer to transfer guide)*

**ANTH 3100 CR-3****Anthropological Theory**

Students will examine the development and application of anthropological theory through an examination of ethnographies using different theoretical points of view. They will gain an understanding of how theory has been developed and used by anthropologists in the field, with examples to be drawn from a number of different areas and time periods. Students will apply theory as fieldworkers do, in order to understand social processes. They will be exposed to the major social theories and will practice how to choose, explain, and combine theories in research situations.

*Prerequisites: ANTH 2100*

*Transferable (refer to transfer guide)*

**ANTH 3130 CR-3****The Sikhs: Culture, Religion, and Society**

Students will examine the cultural, religious, social and political developments in the Punjab over the past five centuries from the perspective of the Sikhs. They will focus on the cultural and social forces that shaped and consolidated Sikh religious beliefs, ritual practice, and social institutions. Students will explore the interrelationship between traditional pan-Indian customs, Punjabi folklore, and Sikh religious beliefs and practices. They will also explore the impact of the British Raj, including the Sikh reform movements, and will examine the contemporary issue of the Sikh search for a distinct political identity.

*Prerequisites: ANTH 1100 or HUMN 1111*

*Transferable (refer to transfer guide)*

**ANTH 3168 CR-3****Deviance Across Cultures**

Students will learn that although crime and deviance occur in all societies, they are not defined or treated in the same way from place to place. They will study anthropological concepts and theories to examine deviance from a cross-cultural perspective. Students will survey topics such as banditry and terrorism, criminal organizations, 'treasure hunting' on archaeological sites, deviance in folklore and popular culture, and social control.

*Prerequisites: ANTH 1100, and 15 credits of any 1100-level or higher courses*

*Transferable (refer to transfer guide)*

**ANTH 3188 CR-3 (formerly ANTH 2333)****Visual Anthropology**

Students will examine the primary aspects of visual anthropology. They will focus on anthropological representations of the interrelationships among culture, society, and the individual through the written and spoken word, still photographs, film, and video. Students will critically apply anthropological concepts and ideas to the study of culture and the politics of representation in popular culture.

*Prerequisites: ANTH 1100 and 30 credits of any 1100-level or higher course*

*Transferable (refer to transfer guide)*

**ANTH 3300 CR-3****Archaeological Theory**

Students will analyze the development and application of theory in archaeological research. Students will trace the historical development of archaeological theory from a cross-cultural perspective. They will study the culture history, processual, and post-processual paradigms and examine how they have influenced the development of contemporary theory. Students will critically analyze theories of culture change, cognition, gender and ethnicity, and how they are applied to actual archaeological data sets. Students will assess the importance of ethics, cultural resource management, and public relations in conducting research within the context of a modern world.

Note: This is a seminar course.

*Prerequisites: ANTH 2142 or 2300 or 2301 or 2310 or 2320 or 2340*

**ANTH 3301 CR-3 (formerly ANTH 2301)****Archaeological Methods for Cultural Resource Management**

Students will develop a hands-on understanding of a number of aspects of archaeological methodology central to cultural resource management (CRM) work. They will learn to apply these methods to the analysis of archaeological and landscape data, including how to report and organize the results of these analyses. Students will also be tasked with other important aspects of methodology in CRM, which include mapping, site forms, reporting, budgets, and proposals.

Note: This course is co-requisite with ANTH 3361 and offered as field school studies during summer term.

*Prerequisites: 30 credits of 1100-level or higher, including ANTH 1300*

*Co-requisites: ANTH 3361 ANTH 3361*

*Transferable (refer to transfer guide)*

**ANTH 3330 CR-3****East Asian Archaeology**

Students will study the origins and development of complex societies in East Asia. They will analyze the archaeology of China, Korea, and Japan, including an exploration of key issues in cultural evolution and interaction. Students will examine major topic areas such as: early human migrations into the region; early foraging economies; the development of food production; and the evolution of social complexity. Students will critically analyze the current methods and theories used by archaeologists in studying the evolutionary development of East Asian civilizations. Students will examine the modern cultural context of prehistory in East Asia as a source of discussion on ethnic identity.

*Prerequisites: (ANTH 1300 or 1112) and ANTH 2320*

*Transferable (refer to transfer guide)*

**ANTH 3340 CR-3****British Columbia Archaeology**

Students will examine the pre-contact and proto-historic archaeology and cultures of British Columbia's aboriginal peoples. They will study the environmental adaptations and complex cultural developments of both interior and coastal groups, and will develop an understanding of the great diversity and depth of B.C.'s native cultures. Students will critically analyze the theories and archaeological evidence of prehistoric cultural developments in the area from the earliest occupations up to contact with Europeans and Americans.

*Prerequisites: 30 credits of 1100-level or higher, including ANTH 1300*

*Transferable (refer to transfer guide)*

**ANTH 3361 CR-6****Archaeological Field Studies**

Students will study and practice the basic techniques of archaeological survey and excavation. They will learn and examine field techniques such as site survey and mapping; GPS data collection, mapping, and analysis; excavation methodology; analysis of site stratigraphy; and the proper documentation, collection and curation of field data. Students will examine how archaeological remains are cleaned, sorted and properly stored in the laboratory and will apply preliminary data analysis methodology.

Note: This course consists of a six-week field studies project and is offered only during the summer term. The co-requisite course is ANTH 3301.

*Prerequisites: 30 credits of 1100-level courses (including ANTH 1300 or equivalent), and permission of the department selection committee*

*Co-requisites: ANTH 3301 ANTH 3301*

*Transferable (refer to transfer guide)*

**ANTH 3500 CR-3****Directed Studies in Anthropology**

Students will engage in an intensive study of an anthropological topic under the supervision of a faculty member. They will conduct professional research by doing comprehensive weekly readings, in which they identify appropriate resource materials, develop a proposal, and submit an advanced academic project.

Note: Students may take this course multiple times for further credit on different topics.

*Prerequisites: 18 credits of 1100-level or higher, including (ANTH 1100 or ANTH 1200 or ANTH 1300)*

**ANTH 3501 CR-3****Special Topics in Cultural Anthropology**

Students will examine a selected topic in Cultural Anthropology. They will critically analyze relevant literature and develop a comprehensive understanding of particular theories, methods, and themes. Students will question and evaluate recent developments in the topic area and debate future directions of possible study.

Note: This is a seminar-based course. The specific course content will be established in advance by the instructor. Students may take this course multiple times for further credit on different topics.

*Prerequisites: 18 credits of 1100-level or higher, including ANTH 1100*

**ANTH 3502 CR-3****Special Topics in Biological Anthropology**

Students will engage in an intensive study of the human physical form by studying a special topic selected by the instructor. They will explore a topic in one of the major focus areas within biological anthropology such as: forensic anthropology (an applied aspect); evolution and heredity; non-human primate studies; human evolution; or modern human biological variation. Students will examine and evaluate recent developments in the specific focus area, assess the implications of these developments, and identify future research directions in order to determine what it means to be a member of the human species.

Note: Please check with the department for proposed offerings and the specific prerequisite. Students may take this course multiple times for further credit on different topics.

*Prerequisites: 18 credits of 1100-level or higher, including ANTH 1200 or 1217*

**ANTH 3503 CR-3****Special Topics in Archaeology**

Students will study particular aspects of archaeology selected by the instructor. They will examine how archaeology attempts to document and interpret the course of human cultural evolution and to trace the development of cultural traditions in various areas of the world by studying a current issue in archaeology. Student emphasis will be on the methodological, technical, and scientific literature relating to archaeological interpretation.

Notes: The area of study will be established in advance by the department. Please check with the department for proposed offerings. Students may take this course multiple times for further credit on different topics.

This is a seminar course.

*Prerequisites: 18 credits of 1100-level or higher, including ANTH 1300*

**ANTH 3510 CR-3****Anthropology of Genocide**

Students will examine the anthropological approach to the study of genocide which is a unique multidisciplinary approach due to the contribution of each subfield of anthropology. They will examine the following topics: why anthropology is so well situated to inform the discourse and research on genocide; the definition of genocide and ethnocide; the nature of human aggression from the perspective of our nearest animal relatives; the limitations of forensic investigations in documenting crimes against humanity for future generations; cultural issues, including racial, ethnic and religious concerns; historical and contemporary political issues (local, national, regional, and global through an examination of the United Nations, and other non-government organizations); modern literature and popular culture; and healing processes. Students will, using case examples from Canada and across the globe, investigate the necessity for a multi-disciplinary approach to this problem.

*Prerequisites: 18 credits of 1100-or higher courses, including ANTH 1100 or ANTH 1200 or ANTH 1217 or ANTH 1300*

### **ANTH 4101 CR-3**

#### **Contemporary Readings in Anthropology**

Students will, at an advanced level, study a problem of current concern in anthropology. Students will synthesize current themes and debates arising from a variety of perspectives either about, or within, anthropology. They will study anthropology in institutional and/or applied contexts, by acknowledging the origins of anthropological methodology as well as recognizing its current demands. Students will identify real-life problems through discussion, literature review, and practical observation. They will determine ongoing areas of research that they may utilize for future study or job-related research.

*Prerequisites: 60 credits of 1100 level or higher courses, including ANTH 1100 and 3 credits from ANTH 2000 level or higher*

### **ANTH 4500 CR-3**

#### **Culture, Community, & Well-Being**

Students will bring together a number of theories, methods, and themes in anthropology. They will utilize a multidisciplinary approach to examine contemporary issues and they will address the contributions of a number of fields of study to further explore the department focus on "Culture, Community, and Well-Being". Students will explore topics such as Aboriginal studies; gender & women's studies; biological, medical & environmental anthropology; methods & ethics in anthropological research; human rights issues; audio-visual anthropology; religion and spirituality; and specific geographic area studies with an emphasis placed upon the holistic and applied approach to anthropology.

Note: This is a seminar course.

*Prerequisites: 45 credits of 1100-level or higher courses, including any 6 ANTH credits*

### **ANTH 4502 CR-3**

#### **Regional Focus in Anthropology**

Students will carry out a detailed investigation of a particular region, as identified by the course instructor. They will use specific anthropological approaches to provide insights into the society and culture of the specified region. They will be required to identify relevant sources of information, provide a summary of the literature and develop a discussion of relevant problems.

Note: Students may take this course multiple times for further credit on different topics.

*Prerequisites: 60 credits of 1100 level or higher courses, including ANTH 1300 and 3 credits from ANTH 2000 level or higher*

### **ANTH 4510 CR-3**

#### **Applied Research in Anthropology**

Students will complete an applied research project in a particular anthropological subfield, and will analyze critically issues relating to the conduct of applied anthropology. Students will utilize and apply anthropological methods to a particular real world problem, possibly including action research, advocacy anthropology, culture resource management (CRM), methodological design, or a forensic human identification problem.

*Prerequisites: 45 credits of 1100-level or higher courses, including ANTH 1200 and 1217, and 3 credits of ANTH 2000 level or ANTH 3000 level*

## **APPLIANCE SERVICING (APPL)**

### **APPL 1110 CR-5**

#### **Basic Electricity**

Students will study the basic theory of electricity and the principles of electromagnetism. They will perform practical applications on motors, circuits, switches, and other components, while learning to practice safe and correct use of the basic tools and test equipment in the appliance servicing industry. Students will also learn customer relations skills.

### **APPL 1115 CR-1**

#### **Basic Electronics**

Students will learn the fundamentals of electronics as they relate to appliance repairs. They will apply the theory of diodes, silicone controlled rectifiers, and triacs in lab experiments using the multimeter and oscilloscope.

*Prerequisites: APPL 1110*

### **APPL 1120 CR-1 (formerly APPL 1107)**

#### **Ancillary Products**

Students will test and repair garbage disposers, trash compactors, and electric water heaters. They will master all procedures and safety practices to current Canadian Industrial Standards.

*Prerequisites: APPL 1110*

### **APPL 1125 CR-3 (formerly APPL 1103)**

#### **Electric Dryers**

Students will study the operation and repair of common makes of household electric dryers. They will use schematic diagnostic techniques and flow charts to trouble-shoot faults and will make repairs to current Canadian Industrial Standards.

*Prerequisites: APPL 1110*

### **APPL 1130 CR-5**

#### **Electric Ranges: Standard and Self-Cleaning**

Students will study the operation and repair of standard and self-cleaning household ranges and wall ovens. They will apply a series of systematic procedures with the use of testers to trouble-shoot to current Canadian Industrial Standards.

*Prerequisites: APPL 1110*

### **APPL 1210 CR-5 (formerly APPL 1106)**

#### **Automatic Washers**

Students will focus on installation, diagnosis and repair of automatic washers. They will follow flowcharts and schematic diagrams to trouble-shoot problems and will perform repairs to current Canadian Industrial Standards.

*Prerequisites: APPL 1110*

### **APPL 1215 CR-3 (formerly APPL 1105)**

#### **Automatic Electric Dishwashers**

Students will focus on the installation and repair of automatic electric dishwashers. They will follow flow charts and schematic diagrams to troubleshoot electrical and mechanical problems and perform repairs to current Canadian Industrial Standards.

*Prerequisites: APPL 1110*

### **APPL 1220 CR-5.5**

#### **Basic Refrigeration and Domestic Air Conditioning**

Students will focus on the theory, testing, diagnosis, and repair of domestic refrigeration units and domestic air conditioners. They will apply systematic procedures to analyze and repair refrigerators to meet current Canadian Industrial Standards.

*Prerequisites: APPL 1110*

### **APPL 1225 CR-1.5**

#### **Work Experience Practicum**

Students will apply theoretical and practical experience learned during program in a workplace environment with an appliance sector employer of the student's choosing.

*Prerequisites: APPL 1115 and 1120 and 1125 and 1130 and 1210 and 1215 and 1220*

### **APPL 1230 CR-1.5 (formerly APPL 1108)**

#### **Microwave Ovens**

Students will study the theory and practice the safe installation, testing, and repair of microwave ovens. They will trouble-shoot and repair mechanical and electrical faults to current Canadian Industrial Standards.

*Prerequisites: APPL 1110*

### **APPL 1235 CR-2.5**

#### **B.C. Provincial "C" Gas Certificate**

Students will study the basic theory and practices of the administration and regulations of the B.C. Gas Act. They will study the properties of gases, piping, regulators, burners (pilot & atmospheric), flame characteristics, orifices, combustion, air supply, venting, basic electricity, flame safety, operating valves, propane cylinders and servicing. Students will learn safety, and the use of basic tools and meters in gas servicing.

*Prerequisites: APPL 1110*

## **APPLIED BUSINESS TECHNOLOGY (ABTY)**

### **ABTY 1141 CR-3**

#### **Keyboarding and Introductory Word Processing**

Students will develop touch control of the keyboard and correct keyboarding techniques. They will be introduced to Windows and the Internet and they will learn basic word processing features and basic file management.

### **ABTY 2110 CR-3**

#### **Administrative Management**

Students will become familiar with the core concepts necessary to assume the role of an office manager or executive assistant. They will learn key supervisory, organizational, supporting, and management skills.

### **ABTY 2120 CR-3**

#### **Project Management**

Students will learn the fundamentals of project management skills to track progress, share information, and close a project. They will examine the planning, creation, and development of a project, and will apply the concepts learned to complete a project using Microsoft Project.

*Prerequisites: ABTY 1135, or CBSY 1105, or 1205*

### **ABTY 2130 CR-3**

#### **Advanced Writing Skills**

Students will learn advanced written and oral communication skills. They will use advanced writing skills to develop e-mails, letters, memos, reports, and proposals and oral skills to make formal presentations. Students will also develop note-taking skills, using the ABC Stenocript method.

*Prerequisites: ABTY 1155*

## **APPLIED COMMUNICATION (CMNS)**

### **CMNS 1106 CR-3**

#### **Interactive Communication for the Floristry Workplace**

Students will learn how to analyze audience and context in order to communicate effectively orally and in writing, in floristry environments. They will learn basic communication and research strategies, interpersonal communication theory and practice, document conventions, resume design, page design for specialized documents, conflict resolution approaches, and correct language usage.

### **CMNS 1110 CR-3**

#### **Introduction to Business and Technical Writing**

Students will be introduced to the interactive relationship between context, message, audience, and purpose in workplace writing. They will learn basic strategies and current conventions for correspondence and short reports, research and documentation, integration of visual elements, and correct language usage.

*Prerequisites: English 12 or TPC 12 or COM 12 or ABEE 0091 (C-) or PSPE 1091 or ENGP 1091 (C-) or ABEE 0097 (C-) or PSPE 1097 or ENGP 1097 (C-) or ENGL 1099 (C-) or ENGQ 1099 (C-) or ELST 0381 (B-) or LPI 26 or Kwantlen English Assessment Test placement*

### **CMNS 1115 CR-3**

#### **Writing for the Specialized Workplace**

Students will learn how to analyze audience and context in order to communicate effectively in specialized workplace environments which require sensitivity and the ability to tailor messages for audiences with different, often conflicting, needs and priorities. They will learn basic communication and research strategies, document conventions, teamwork strategies, resume design, page design for specialized document creation, conflict resolution approaches, and correct language usage.

*Prerequisites: (LPI 25) or English 12 C, or TPC 12 C or ENGL 1099 or CMNS 1105 or Kwantlen English Placement Test or ABEE 0097 or PSPE 1097 or [ELST 0381 (C+) and 0383 (C+)]*

### **CMNS 1120 CR-3**

#### **Applied Oral Communications**

Students will study the theories, principles and applications of oral communications, and apply these theories and principles to design, develop and deliver effective oral presentations for a variety of contexts.

*Prerequisites: English 12 or TPC 12 or ABEE 0091 or PSPE 1091 or ENGP 1091 or LPI 26 or ELST 0381 and 0386 with a B) or ENGL 1099 or ENGQ 1099 or CMNS 1110 or 1105 or Kwantlen English Assessment Test Placement*

### **CMNS 1130 CR-3**

#### **Introduction to Communication Studies**

Students will learn accepted theories of communication, including theories of interpersonal and public speech, literacy, print, and electronic media communication (radio, television, internet). Students will critically examine communication theories as applied to practical issues in the community and in the workplace while conducting individual and group research projects.

*Prerequisites: (LPI 24 plus EU#6+) or TPC12 (C+) or English 12 (C+) or ABEE 0091 or PSPE 1091 or ENGP 1091 or CMNS 1110 or ENGL 1099 or CMNS 1105 or Kwantlen English Placement Test or ABEE 0097 or PSPE 1097 or ENGP 1091 or [ELST 0381 (B) and 0383 (B)]*

*Transferable (refer to transfer guide)*

### **CMNS 1140 CR-3**

#### **Introduction to Professional Communication**

Students will learn how to analyze context and audience, determine purpose, message content, visual design and media in order to create written workplace messages that can be received, understood, used and retrieved with speed and accuracy.

*Prerequisites: English 12 (C+) or Technical and Professional Communications 12 (C+) or ABEE 0091 (C) or ABEE 0092 (C) or [ELST 0381 (B) and ELST 0383 (B)] or ENGQ 1099 (C) or CMNS 1110 (C) or Kwantlen English Placement Test or LPI Essay score of 26 or IELTS 6.5 (no band less than 6.0) or IBT 86 (no sub-score less than 20) or Paper Based TOEFL 570 (TWE 5.5)*

*Transferable (refer to transfer guide)*

### **CMNS 1160 CR-3**

#### **Communications and Teamwork**

Students will learn how to communicate successfully in small groups: to participate effectively, to collaborate successfully, to build relationships and teams, to determine and support collective goals, and to plan, track and manage projects. They will engage in group activities that emphasize communication skills and enhance interpersonal and creative problem solving skills.

*Prerequisites: English 12 (C) or TPC 12 (C) or ABEE 0091 (C) or PSPE 1091 or ENGP 1091(C) or LPI 26 or (ELST 0381 & 0383 with a B-) or Kwantlen English Assessment Test placement*

### **CMNS 1170 CR-3**

#### **Intercultural Communication**

Students will develop an understanding of communication and culture; learn to appreciate cultural diversity and the ways in which cultural differences affect communication, and gain and awareness of the importance of intercultural competence. They will study basic principles and skills for improving communication between persons from different cultural backgrounds.

*Prerequisites: English 12 (C+) or ABEE 0091 or ENGP 1091 or PSPE 1091 or ENGL 1099 or Kwantlen English Placement Test or ABEE 0097 or PSPE 1097 or ENGP 1097 or an LPI Essay score of 30-Level 5 or [ELST 0381 (B) and 0383 (B)]*

### **CMNS 1216 CR-1.5**

#### **Writing for the Specialized Workplace 1**

Students will learn how to analyze audience and context in order to communicate effectively in specialized workplace environments which require sensitivity and the ability to tailor messages for audiences with different, often conflicting, needs and priorities. They will learn basic communication strategies, document conventions, resume design, visual design techniques, and correct language usage. The course will be delivered partially online.

*Transferable (refer to transfer guide)*

### **CMNS 1217 CR-1.5**

#### **Writing for the Specialized Workplace 2**

Students will learn how to analyze audience and context in order to communicate effectively in specialized workplace environments involving persuasion, collaboration and conflict resolution. They will learn basic research strategies, teamwork strategies, page design for specialized document creation, and conflict resolution approaches. The course will be delivered partially online.

*Prerequisites: CMNS 1216  
Transferable (refer to transfer guide)*

### **CMNS 2140 CR-3 (formerly CMNS 2130)** **Communications for Design Professionals**

Students will learn written and oral communication skills required by communications professionals to develop, manage, and communicate complex information in their professional practice. They will learn the principles, theories, and techniques required for designing, developing, and communicating proposals, reports, and presentations and will apply them to both individual and team projects.

*Prerequisites: ENGL 1100  
Transferable (refer to transfer guide)*

### **CMNS 3100 CR-3**

#### **Technical Report Writing**

Students will learn written and oral communication skills required by behavioural science professionals to develop, manage, and communicate complex information in their professional practice. They will learn the principles, theories, and techniques required for designing, developing, and communicating proposals, reports, and project plans, and will apply them to written and oral projects integrated within a project management framework throughout the course.

*Prerequisites: ENGL 1100 and 3 credits of any 1200 level ENGL course*

## **APPLIED SCIENCE (APSC)**

### **APSC 1124 CR-1**

#### **Introduction to Engineering**

Students will learn about the practice of Engineering through a series of seminars and field trips conducted by working engineers. They will cover work done in various engineering fields, focusing on particular industries and/or specific disciplines. Students will participate in seminars on several engineering metaskills and complete a group design project followed by a presentation to the class.

Note: This course is part of the first year engineering transfer program.

*Prerequisites: Students must be registered in the Applied Science program.*

*Co-requisites: It is recommended that this course be taken in conjunction with APSC 1151. It is recommended that this course be taken in conjunction with APSC 1151.*

*Transferable (refer to transfer guide)*

### **APSC 1151 CR-3**

#### **Introduction to Engineering Graphics**

Students will study technical sketching, orthographic projection, visualization in three dimensions, and conventions of engineering drawing. They will sketch by hand, and will draw with engineering-graphics software on the computer. Students will apply the principles of descriptive geometry to the solution of space problems.

*Prerequisites: MATH 1112 or Principles of Mathematics 12 (with a C)*

*Transferable (refer to transfer guide)*

### **APSC 1299 CR-3**

#### **Introduction to Microcontrollers**

Students will work with microcontrollers and C language in a lab setting to learn skills such as circuit design, data acquisition, DIO, ADC, and timing. Working in pairs or small groups, students will complete several labs and one project aimed at finding solutions to specified problems. Students will apply programming and debugging skills to make a device perform as intended.

Note: This course is part of the first year Engineering transfer program.

*Prerequisites: CPSC 1103*

*Transferable (refer to transfer guide)*

## **ART HISTORY (ARTH)**

### **ARTH 1120 CR-3 (formerly FINA 1120)**

#### **History of Western Art: Prehistoric to Early Renaissance**

Students will study the main achievements of Western Art from the Prehistoric period to the Early Renaissance in Europe. They will examine the impact of cultural, religious, political, societal and technological developments on art. Students will develop their writing skills through assignments that focus on describing, analyzing, and comparing works of art.

Note: This is a writing intensive course.

*Prerequisites: English 12 (B) or ENGL 1099 or ENGQ 1099 or ABEE 0091 or ENGP 1091 or ABEE 0092 or ABEE 0097 or ENGP 1097 or Kwantlen English Placement Test placement or an LPI Essay Score of 30 – Level 5 or (ELST 0381 & 0383 B)*

*Transferable (refer to transfer guide)*

### **ARTH 1121 CR-3 (formerly FINA 1121)**

#### **History of Western Art: Renaissance to the 20th Century**

Students will study the main achievements of Western Art from the Renaissance to the 20th century in Europe and North America. They will examine the impact of religious, political, societal, and technological developments on art.

*Transferable (refer to transfer guide)*

### **ARTH 1130 CR-3**

#### **Introduction to Film Studies**

Students will study the history and development of world cinema and will examine film as a visual language and art-making practice from its inception in the nineteenth century to the present. They will learn methods for exploring aesthetic function and for considering the social, political, and technological contexts of moving pictures.

*Transferable (refer to transfer guide)*

### **ARTH 2122 CR-3**

#### **Art In Flux: The Modern Period**

Students will study the development of modern art movements in the period from 1850 to 1944, Realism to Surrealism, in Europe and North America. They will identify the important issues related to Modern Art including the introduction of photography as an artistic medium and in terms of urban capitalism, issues of gender representation, social class and social consciousness, and theories related to abstract visual language. Students will also be introduced to critical analysis of art theory in the Modernist period.

Note: Students may not get credit for both FINA 1122 and ARTH 2122 for graduation purposes.

*Transferable (refer to transfer guide)*

### **ARTH 2124 CR-3**

#### **Indigenous Art**

Students will study visual language from a variety of indigenous cultures. They will explore important stylistic periods and artistic traditions within a historical context, and will examine the political, spiritual, and cultural issues informing and influencing the visual arts outside of a Western perspective.

*Prerequisites: ENGL 1100*

*Transferable (refer to transfer guide)*

### **ARTH 2126 CR-3**

#### **Canadian Art**

Students will examine the development of Canadian art from the Modernist to Post-Modernist and Contemporary periods, across Canada, coast to coast. They will investigate the cultural influences on visual language from one stylistic period to the next, one region to another, as well as critiquing the idea of the artist as an exemplary creator. The present Canadian art scene will be the focus of student investigation, as well as the development of their critical-thinking skills in interpreting visual language.

*Prerequisites: ARTH 1120 or ARTH 1121 or FINA 1120 or FINA 1121 or by permission of the instructor*

*Transferable (refer to transfer guide)*

### **ARTH 2222 CR-3**

#### **Art: 1945 to the Present**

Students will examine the development of visual language in Western art from the 1950's to the Twenty-First Century. They will investigate cultural and technological influences on Western art from the Abstract Expressionist period to the Post-Modernist aesthetic, as well as participating in analysis and interpretation of video art, digital art, performance art and other multi-media venues.

*Prerequisites: ARTH 1120 or 1121 or FINA 1120 or FINA 1121 or by permission of the instructor*

*Transferable (refer to transfer guide)*

### **ARTH 3100 CR-3**

#### **Special Topics in Art History**

Students will engage in an intensive study of a special topic in art history selected by the instructor. They will study the career of a particular artist or examine an artistic movement, stylistic period or consider the topic from a thematic perspective. The students may utilize an exhibition at a local publicly-funded Class A gallery. Students will write one research paper.

*Prerequisites: ARTH 1120 and ARTH 1121*

*Transferable (refer to transfer guide)*

**ARTH 3121 CR-3 (formerly FINA 3121)  
Italian Renaissance and Mannerist Art**

Students will study the art of the Italian Renaissance and Mannerist periods. They will study the dominant artists of the period as well as their patrons. Students will examine the impact of cultural, religious, political, societal, ideological, and technological developments on the art.

*Prerequisites: (FINA 1120 or ARTH 1120) and (FINA 1121 or ARTH 1121)*

*Transferable (refer to transfer guide)*

## **ASIAN STUDIES (ASIA)**

**ASIA 1111 CR-3 (formerly HUMN 1111)  
The Religions of India**

Students will study the four major religions that originated in India: Hinduism, Buddhism, Jainism and Sikhism. They will study these religions with an emphasis on both scriptural sources and religious practices. They will also examine the development of these religious traditions within their socio-cultural and historical contexts, including Islamic influence.

*Transferable (refer to transfer guide)*

**ASIA 2250 CR-3 (formerly SOCI 2100)  
South Asians Around the Globe**

Students will study the South Asian diaspora-the fragment of an ethnic community that exists outside of its "homeland"-with a focus on the South Asian communities in Western Canada. They will examine social theory related to migration and social adaptation. Students will investigate the major social issues that immigrant communities often face in the process of adaptation to Canada both at the personal and community levels.

*Prerequisites: HUMN 1111 or SOCI 1125 or ANTH 1100 or 15 credits of 1100-level courses or higher*

*Transferable (refer to transfer guide)*

**ASIA 2252 CR-3  
Indian Society through Popular Film**

Students will examine Indian culture and society through the medium of popular cinema, ranging from post-1947 Hindi classics to some more recent Bollywood blockbusters. They will investigate the ways in which Indian history and culture are depicted in film, including issues like nation building, gender, caste, nationalism versus regionalism/communalism, and globalization. In doing so, students will explore 'depicted reality' versus 'historical reality', the notion of the family as the symbol of the nation, as well as the relationship between the homeland (desh) and the West/diaspora (pardesh). Students will also study several films made by South Asian filmmakers in the diaspora.

*Prerequisites: 15 credits of 1100-level or higher  
Transferable (refer to transfer guide)*

**ASIA 2255 CR-3  
Women in Modern India**

Students will examine the changes and continuities in the lives of women in modern India from the 1800s up to the present. They will explore the various images, statuses, roles and living conditions of women in the Indian subcontinent based on primary texts, secondary literature, film and contemporary news articles. Students will investigate the religious, social, cultural and political forces that have affected and continue to impact women in modern India. Students will also reflect upon current debates or controversies surrounding women both in the Indian subcontinent and in the Indian diaspora.

*Prerequisites: SOCI 1125 or HUMN 1111 or HIST 2362 or ANTH 1100*

*Transferable (refer to transfer guide)*

**ASIA 2399 CR-3  
Readings in Asian Studies**

Students will examine key issues in Asian society, culture, economy, and/or politics under the direction of a faculty member in Asian Studies with expertise in the area. They will examine a selected topic in depth and will be required to complete both readings and research in this area. Students will be required to identify relevant sources of information and demonstrate a comprehensive understanding of the topic.

*Prerequisites: 6 credits of 1100-level or higher courses  
Transferable (refer to transfer guide)*

**ASIA 4350 CR-3  
Canadian East and South Asian Communities**

Students will critically examine the theories surrounding the study of migration and adaptation, as well as explore the local experience of East and South Asian communities in Canada, with emphasis on the post-World War II period. They will critically look at immigrants as 'social actors' and active contributors to their own social and cultural transformation as they engage with the new and changing social, economic and political structures of Canadian society. Students will conduct a field research project from a social science perspective on an Asian community in the urban field site of Greater Vancouver or in the Fraser Valley region. Students will develop important field research skills and gain exposure to the pertinent issues surrounding the complexity of the Asian immigrant experience in Canada's multicultural environment.

Note: This is a seminar course.

*Prerequisites: (ANTH 1100 or ASIA 2250) and (ANTH 2100 or SOCI 2260 or CRIM 3140 or PSYC 2430 or GEOG 3100) courses*



# ASTRONOMY (ASTR)

## ASTR 1100 CR-4

### Introduction to Astronomy

Students will study a wide range of topics in astronomy from the point of view of a non-scientist. They will study topics including the earth, solar system, stars, the Milky Way, galaxies and cosmology and will discuss and study current events of astronomical interest. The laboratory component will include indoor experiments and outdoor observations. This is an introductory course in astronomy intended for students not specializing in science. No prior study of physics or astronomy is required.

**NOTE:** This course may not be used for credit towards a science degree or as a prerequisite for further science courses. This course may be used to partially fulfill quantitative requirements for a Bachelor of Arts degree, science requirements for an elementary teacher education program, lab science requirements for an Associate of arts degree, and liberal education/breadth credits for Kwantlen degrees.

*Transferable (refer to transfer guide)*

## ASTR 1105 CR-3

### Basic Astronomy

Students will study a wide range of topics in astronomy from the point of view of a non-scientist. They will study topics including the Earth, the Solar System, stars, the Milky Way, galaxies and cosmology and will discuss and study current events of astronomical interest.

**NOTE:** No prior study of physics or astronomy is required. Only one of ASTR 1100 or ASTR 1105 can be taken for credit.

*Transferable (refer to transfer guide)*

## ASTR 1120 CR-4

### Introduction to Astrophysics

Students will study topics including the solar system, stars, the Milky Way, galaxies and cosmology as well as observational and theoretical techniques used to study these systems. They will apply physical laws and principles in order to analyze and solve problems in astrophysics. Students will conduct indoor experiments and outdoor observations in the lab component.

**NOTE:** This is an introductory course in astronomy intended for students in science. ASTR 2101/2102 rather than ASTR 1120 are recommended for students who intend to pursue studies in Astronomy.

*Prerequisites: PHYS 1100 or Principles of Physics 12 (C)*

*Transferable (refer to transfer guide)*

## ASTR 2101 CR-3

### Astrophysics I: Stellar Astrophysics

Students will study the observed characteristics of stars, radiation and stellar spectra, the interior structure of stars, nuclear reactions and stellar evolution, white dwarfs, neutron stars and black holes.

*Prerequisites: (PHYS 1120 or 1101) and (MATH 1120 or 1130 or 1140) (PHYS 1220 or 1102 is recommended)*

*Transferable (refer to transfer guide)*

## ASTR 2102 CR-3

### Astrophysics II: Galactic Astronomy

Students will study the basic properties of the Milky Way Galaxy, kinematics of stars, star clusters and stellar evolution, stellar populations and chemical evolution, rotation and the mass of the Galaxy, the formation of the Galaxy.

*Prerequisites: (PHYS 1120 or 1101) and (MATH 1120 or 1130 or 1140) (ASTR 2101 and one of PHYS 1220 or 1102 is recommended)*

*Transferable (refer to transfer guide)*

## ASTR 3110 CR-3

### Exploring the Solar System

Students will survey, without the use of advanced mathematics, recent discoveries about the planets and other objects in the solar systems. They will also study the sun, the existence of planetary systems around other stars, and the search for life.

**NOTE:** This is an introductory course in astronomy intended for students not specializing in science. No prior study of physics or astronomy is required.

**NOTE:** This course may not be used for credit towards a science degree or as a prerequisite for further science courses. This course may be used to partially fulfill quantitative requirements for a Bachelor of Arts degree, science requirements for an elementary teacher education program, lab science requirements for an Associate of arts degree, and liberal education/breadth credits for Kwantlen degrees.

*Prerequisites: 45 credits of 1100-level or higher courses, including ENGL 1100*

*Transferable (refer to transfer guide)*

## ASTR 3111 CR-3

### Exploring Stars & Galaxies

Students will survey, without the use of advanced mathematics, recent discoveries in modern astronomy. They will study stars, pulsars, black holes, galaxies, quasars and the origin and evolution of the Universe.

**NOTE:** This is an introductory course in astronomy intended for students not specializing in science. No prior study of physics or astronomy is required.

*Prerequisites: 45 credits of 1100-level or higher courses, including ENGL 1100*

*Transferable (refer to transfer guide)*

# AUTOMOTIVE SERVICE TECHNICIAN (ASTA)

## ASTA 1100 CR-3

### Safety, Communication, Tools and Fasteners

Students will learn to operate safely in the automotive shop environment and will learn the proper use of hand tools and fastening devices. They will use precision measurement tools, will take measurements, and will make mathematical calculations relating to the automotive industry. Students will also learn to communicate using automotive industry terminology.

**ASTA 1110 CR-1.5****General Automotive Services, Practices and Maintenance**

Students will learn to safely service and maintain the modern automobile, selecting the proper fluids and lubricants. They will learn to assess and repair leaks while servicing and replacing gaskets, seals and hoses.

*Prerequisites: ASTA 1100*

**ASTA 1120 CR-6.5****Electrical Fundamentals, Diagnosis and Repair**

Students in classroom and shop will learn to solve problems related to automotive electrical systems. They will apply scientific principles to explain the fundamentals of magnetism. Students will service, test and diagnose problems related to batteries and will be able to test and repair simple electrical circuits. Students will also learn to explain the operation of starter motors and AC generators as well as test and diagnose them.

*Prerequisites: ASTA 1110*

**ASTA 1130 CR-6.5****Steering, Frames, Suspension and Wheel Alignment**

Students will learn to identify various types of frame, suspension, and steering systems. They will use the correct procedures for diagnosing and repairing the different types of steering and suspension systems. Students will also learn to perform wheel alignments.

*Prerequisites: ASTA 1120*

**ASTA 1140 CR-5****Automotive Braking Systems**

Students will learn the scientific principles of the brake system. They will learn to service and repair the hydraulic systems components on both drum and disc brake systems. Students will master brake system diagnosis, service and repair, as well as learn the principles and service of antilock braking systems.

*Prerequisites: ASTA 1130*

**ASTA 1150 CR-1****Welding**

Students will learn welding safety and the basic operation of oxy-fuel cutting and welding procedures on mild steel plate, light tubing, and 14/18 gauge sheet metal. They will also learn metal inert gas (MIG) welding procedures and applications. Students will demonstrate these three processes through a number of shop projects.

*Prerequisites: ASTA 1140*

**ASTA 1160 CR-1.5****The Internal Combustion Engine**

Students will learn the operation of the internal combustion engine. They will learn the theory of engine blocks and their related components as well as crankshafts, friction bearings, pistons, piston rings and connecting rods. They will also learn the theory of cylinder head and camshaft design and operation.

*Prerequisites: ASTA 1150*

**ASTA 1170 CR-2.5****Power Train Fundamentals**

Students will learn to diagnose, service and repair drivelines, universal joints and constant velocity joints. They will learn to diagnose and repair standard transmissions, clutches and their related components, and will learn the operation and service of automatic transmissions and transaxles. Students will also learn to diagnose, service and repair the automotive differential.

*Prerequisites: ASTA 1160*

**ASTA 1180 CR-5****Engine Management and Control Systems**

Students will learn to diagnose, service and repair automotive fuel delivery and ignition systems, from carburetion to fuel injection, and ignition systems from contact points to direct ignition systems. Students will also learn to test and repair emission control devices.

*Prerequisites: ASTA 1170*

**B****BIOLOGY (BIOL)****BIOL 1110 CR-4****Introductory Biology I**

Students will study the diversity of life on Earth, the classification of organisms, and the interactions of organisms with their environments. They will examine the structure and function of body systems in a variety of organisms.

*Transferable (refer to transfer guide)*

**BIOL 1112 CR-4****Biology Today**

Students will focus on current advances in human heredity and evolution and will examine some of the most exciting and controversial topics in current day Biology, including cloning, stem cell research and genetically modified foods. In the labs students will make a DNA fingerprint, isolate and amplify their own DNA and have a chance to use equipment found in high-tech facilities.

NOTE: This course may not be used for credit towards a science degree or as a prerequisite for further science courses. This course may be used to partially fulfill quantitative requirements for a Bachelor of Arts degree, science requirements for an elementary teacher education program, lab science requirements for an Associate of arts degree, and liberal education/breadth credits for Kwantlen degrees.

*Transferable (refer to transfer guide)*

**BIOL 1160 CR-4****Anatomy and Physiology I**

Students will study the major organ systems of the human body responsible for support, movement, circulation, respiration and digestion. They will also overview nervous and endocrine control, microbiology, and examples of drug actions and effects. Students will study these topics using a self-directed modular format.

*Prerequisites: BIOL 1110 or [(CHEM 1094 or CHEQ 1094 or Chemistry 11 with a grade of C+)] and (ABEB 0012 or BIOP 1012 or BIOQ 1099 or Biology 12 with a grade of C+)]*

*Transferable (refer to transfer guide)*

**BIOL 1210 CR-4****Introductory Biology II**

Students will study concepts of inheritance and biological evolution. They will examine the major classes of biological chemicals, the structure and function of cells, and the processes of cellular respiration and photosynthesis. They will study the patterns and mechanisms of embryological development.

*Prerequisites: BIOL 1110*

*Transferable (refer to transfer guide)*

**BIOL 1260 CR-4****Anatomy and Physiology II**

Students will continue to study the major organ systems of the human body, focusing on the excretory, nervous, immune and reproductive systems. Examination of these systems will include related, basic concepts in microbiology, and examples of drug actions and effects. Students will study these topics using a self-directed modular format.

*Prerequisites: BIOL 1160*

*Transferable (refer to transfer guide)*

**BIOL 2320 CR-4****Genetics**

Students will examine the principles of heredity, transmission of traits, exchange of genetic information, mutation, linkage, gene action and recombinant DNA technology, with emphasis on problem solving. They will acquire a variety of laboratory skills including sterile techniques, isolation of DNA, electrophoresis and photo microscopy.

*Prerequisites: BIOL 1110 and BIOL 1210*

*Transferable (refer to transfer guide)*

**BIOL 2321 CR-4****Cell Biology**

Students will examine the ultrastructure of the eukaryotic and prokaryotic cell along with molecular activities associated with these structures. They will also identify and understand the experimental techniques and data that support the current view of cell structure and function. Students will develop considerable skill in the preparation of materials for microscopic examination.

*Prerequisites: BIOL 1110 and BIOL 1210 and CHEM 1110*

*Transferable (refer to transfer guide)*

**BIOL 2322 CR-4****Ecology**

Students will learn the basic properties of ecosystem, community and population ecology, including energy transfer, mineral cycling, community structure and dynamics, competition, predation, evolution and population dynamics. They will also perform lab and field work.

*Prerequisites: BIOL 1110 and BIOL 1210*

*Transferable (refer to transfer guide)*

**BIOL 2330 CR-4****Microbiology**

Students will study a variety of microorganisms including bacteria, fungi, algae, protozoa, and viruses. They will examine several aspects of microorganisms, including diversity, structure and function, metabolism, growth, reproduction and genetics.

*Prerequisites: BIOL 1210*

*Co-requisites: CHEM 1110 or ENVI 1106 CHEM 1110 or ENVI 1106*

*Transferable (refer to transfer guide)*

**BIOL 2421 CR-3****Cellular Biochemistry**

Students will learn the patterns and reactions of cellular metabolism with particular attention to the structure and function of proteins, the mechanisms of reactions, and the interrelationships and control of catabolism and anabolism.

*Prerequisites: BIOL 1110, BIOL 1210, BIOL 2321 and CHEM 2320*

*Co-requisites: CHEM 2420 CHEM 2420*

*Transferable (refer to transfer guide)*

**BIOLOGY QUALIFYING (BIOQ)****BIOQ 1098 CR-4 (formerly BIOP 1011)****Introduction to Biology**

Students will survey the diversity of life through time, and through diverse environments, applying the twin themes of evolution via natural selection and environmental ecology. They will examine the relationships of organisms with other members of the same species, with other species, and with the physical environment.

*Prerequisites: English 12 (C) or English 12 First Peoples (C) or English 11 (B) or ENGQ 1099 or ABEE 0091 or ENGP 1091 or ABEE 0092 or ABEE 0097 or ENGP 1097 or ABEE 0089 or ENGP 1089 or ENGQ 1098 or ABEE 0081 (B-) or ENGP 1081 (B-) or (ABEW 0084 and ABER 0085) or LPI Score (Essay 26 with EU 6+ and Reading Comprehension 16) or ACP Assessment or EPT or IELTS 6.0 (no band less than 6.0) or iBT 80 or PBT 550 (TWE 4.5)*

**BIOQ 1099 CR-4****Introduction to Human Biology**

Students will study introductory organic chemistry, bioenergetics, cell structure and function, and inheritance and genetics. Students will also study the anatomy and physiology of the human body, with particular emphasis on nutrition and the body's response to infectious disease.

*Prerequisites: English 12 (C) or English 12 First Peoples (C) or English 11 (B) or ENGQ 1099 or ABEE 0091 or ENGP 1091 or ABEE 0092 or ABEE 0097 or ENGP 1097 or ABEE 0089 or ENGP 1089 or ENGQ 1098 or ABEE 0081 (B-) or ENGP 1081 (B-) or (ABEW 0084 and ABER 0085) or LPI Score (Essay 26 with EU 6+ and Reading Comprehension 16) or ACP Assessment or EPT or IELTS 6.0 (no band less than 6.0) or iBT 80 or PBT 550 (TWE 4.5)*

**BUSINESS & QUANTITATIVE METHODS (BUQU)****BUQU 1130 CR-3****Business Mathematics**

Students will learn methods, procedures and applications of business mathematics, including the mathematics of merchandising, simple interest, and compound interest. Applications include discounts and markups, cost-volume-profit, short-term and long-term loans, credit card debt, savings and payment plan annuities, mortgages, bonds and investment decisions.

Note: Students may earn credits for only one of ACCT 1130 or BUQU 1130 as they are identical

### **BUQU 1230 CR-3**

#### **Business Statistics**

Students will learn statistical concepts, methods and procedures used in business, including descriptive statistics--graphics and numerical presentations, probability theory, sampling, estimation, hypothesis testing and linear regression. The use of statistical software applications will form part of the course. Students will be expected to know, or to acquire on their own, basic Excel skills.

Note: Students may earn credits for only one of ACCT 1230 or BUQU 1230 as they are identical

### **BUQU 3230 CR-3**

#### **Applied Decision Analysis**

Students will learn to identify those business situations that require formal decision-analysis, to select the appropriate computer model, to run the model using computer software, and to interpret and describe the results. Students will investigate several case-studies portraying both good and poor decision-making skills and will make a formal presentation of their findings in a group setting. Students will learn to determine the optimal strategy for an organization, and to present a persuasive case for the adoption of that strategy.

*Prerequisites: One of the following: BUQU 1230; ACCT 1230; MATH 1115; MATH 2315; MATH 2341; PSYC 2300; CRIM 2103; SOCI 2365; or equivalent first-year statistics course.*

## **BUSINESS (BUSI)**

### **BUSI 1110 CR-3**

#### **Fundamentals of Business in Canada**

Students will study and apply a broad range of business concepts in a Canadian context. They will learn the basic roles and responsibilities of managers in the major functional areas of business including human resources, industrial relations, information systems, operations, marketing, accounting and finance. Students will also get an overview of economic systems, forms of business ownership, general management principles, Canadian business law and ethics.

*Transferable (refer to transfer guide)*

### **BUSI 1204 CR-2**

#### **Supervisory Skills for Horticulture Technicians & Florists**

Students will study basic supervisory skills for small work-groups (up to 20 co-workers) in horticultural businesses. They will learn interpersonal communication techniques to help resolve work-group issues and problems. Students will also learn motivation concepts, principles of working in culturally diverse work environments and how to conduct effective group meetings.

### **BUSI 1205 CR-3**

#### **Supervisory Skills**

This course is designed for students in programs other than business management. It is primarily intended for students in the Horticulture Technology program, but it may also be of interest to students in other disciplines who are preparing for supervisory positions in various fields. The role of supervisor is presented within the framework of the four functions of management: planning, organizing, leading and controlling. Students will be introduced to contemporary supervision techniques, participative leadership and team concepts which can be applied at the supervisory level.

*Transferable (refer to transfer guide)*

### **BUSI 1209 CR-3**

#### **Business Management in Horticulture**

Students in Horticulture will learn the basic concepts of business management needed to be successful in the industry, including: budgeting, cash flow management, working with financial statements, basic banking procedures and dealing with financial institutions. The students also learn basic record keeping and inventory management. Key government regulation affecting horticulture businesses and management of risk in British Columbia will also be covered.

### **BUSI 1210 CR-3**

#### **Essentials of Management**

Students will learn the principles of management through an in-depth examination of the universal functions of management: planning, organizing, leading and controlling. They will explore the role of managers as decision makers responsible for achieving the strategic goals and objectives of organizations. Students will study contemporary management practices, concepts and issues including key contingency models, strategic analysis tools, quality control techniques and perspectives on managerial ethics.

*Transferable (refer to transfer guide)*

### **BUSI 1215 CR-3**

#### **Organizational Behaviour I**

Students will learn how the behaviour of individuals and groups in work environments affect organizational performance. Topics will include individual attributes, motivation theories and strategies, group dynamics, teamwork, organizational structure, job design, leadership, organizational culture and politics, communication, conflict, stress and change management. Special emphasis is placed on diversity, cross-cultural issues and ethical conduct in organizations.

*Transferable (refer to transfer guide)*

### **BUSI 1250 CR-3**

#### **Human Resources Management I**

Students will learn a strategic approach to human resources management, with special emphasis on current management practices relating to equity, diversity and employee rights. They will study and practise techniques and procedures such as HRM planning, recruiting, selection, employee relations, labour relations, performance management, compensation, training and development, health and safety and international HRM.

*Transferable (refer to transfer guide)*

### **BUSI 2315 CR-3**

#### **Human Relations in Organizations**

Students will study key concepts and applications of human behaviour in organizations, with in depth focus on the phenomena of communication, leadership, decision-making, conflict and change at the individual, group, and organizational levels. They will have opportunities to develop interpersonal skills that contribute to effective functioning in organizational settings. Students will assess their human relations strengths and weaknesses.

*Prerequisites: Second year standing including BUSI 1210 or 1215*  
*Transferable (refer to transfer guide)*

**BUSI 2340 CR-3****Personal Management Skills for Success in Business**

In this course students learn to develop effective interpersonal, leadership and personal organization skills. Topics include time management, personal goal management, values, attitudes, motivation, confidence development, group dynamics, corporate politics, stress management, leadership, conflict management and business negotiations.

**BUSI 2350 CR-3****Human Resources Management II**

This course offers an opportunity to analyze the application of human resources techniques and practices. The processes of human resources management are analyzed including factors and influences affecting policies and organizational effectiveness. Current practices and research, and future trends in human resources management are appraised.

*Prerequisites: Second year standing including BUSI 1210 and/or BUSI 1215*

*Transferable (refer to transfer guide)*

**BUSI 2360 CR-3****Union Management Relations**

This is a survey of the Canadian labour scene: the historical evolution of Canadian Unionism; the impact of trade unions on industry and commerce; union objectives; employer organizations and labour unions as institutions; existing labour legislation and trends; labour-management relations; mediation and arbitration. The course is largely directed to current events, particularly in B.C.

*Prerequisites: Second year standing including BUSI 1210 and/or BUSI 1215*

*Transferable (refer to transfer guide)*

**BUSI 2390 CR-3****Business Law**

A review of the meaning, sources, and administration of commercial law, plus a more detailed examination of the law of contract with particular reference to business situations.

*Transferable (refer to transfer guide)*

**BUSI 2405 CR-3****Operations Management**

Students will learn and practise concepts, tools and techniques used in operations management in manufacturing and service industries. They will be exposed to practices employed by entrepreneurs and managers to manage production and operations particularly in small and medium-sized enterprises in Canada. Students will apply the theoretical approaches to solve problems through exercises, case analyses, and a term project involving direct or simulated work with real-world organizations.

*Prerequisites: 30 credits of 1100-level or higher including at least one of BUSI 1210 or BUSI 1215*

*Transferable (refer to transfer guide)*

**BUSI 2415 CR-3****Management Control**

The main objective of the course is the acquisition of essential managerial skills for achieving overall organizational control. Major areas discussed are management control structures, management planning, and control processes.

*Prerequisites: 30 credit hours of 1100-level or higher including at least one of BUSI 1210 or BUSI 1215.*

**BUSI 2425 CR-3****Enterprise Development and Business Planning**

Students utilize their knowledge of business principles to develop business plans, form companies, and actively manage their companies via a computer simulation. Students will apply several key concepts relating to the major functional areas of a business and will make realistic management decisions in a simulated competitive environment.

*Prerequisites: 30 credit hours of 1100-level or higher including at least one of BUSI 1210 or BUSI 1215.*

*Transferable (refer to transfer guide)*

**BUSI 2435 CR-3****Development of Business Plans**

This offering is designed for both mature business students and business practitioners having an interest in small and medium enterprise development. Participants should enter the course with advance knowledge and/or experience in Canadian business fundamentals, marketing concepts, and accounting principles. Topics range from strategic planning to survival and growth techniques, while the main focus is on the step-by-step approach to developing an effective business plan. A combination of lectures, readings, and case discussions are used in tandem with the week-by-week formulation of individual plans.

*Prerequisites: BUSI 1110 (ACCT 1160 or ACCT 1110) and (MRKT 1130 or MRKT 1120) or equivalent courses/experience*

**BUSI 2450 CR-3****Business Simulation**

Students will analyze business situations involving decision-making in various management aspects such as employee motivation, employee resistance to change, human resources, leadership, managerial controls and conflict, marketing or finance. The course is developed around a computerized business simulation and allows students to use knowledge accumulated in many business courses. The course focuses on building skills in four main areas: decision-making, report writing, individual and group presentations, and group discussions.

*Prerequisites: Second year standing including BUSI 1210 and/or BUSI 1215*

*Transferable (refer to transfer guide)*

**BUSI 2455 CR-3****International Trade**

This course is designed to provide students with a good grasp of the various aspects of international trade from a Canadian perspective. The emphasis is to learn the principles and practice of export/import marketing. Among the topics covered are the Canadian trade position and the institutional frameworks and procedures within which international trade functions; elements and analysis of international information systems, alternative exporting and importing methods; effective advertising and promotion overseas; packaging, shipping, documentation, and marine insurance; export pricing; quotations, and credit appraisal; financing and management of foreign exchange risk; government rules, policies, and assistance programs affecting international trade, and discussion of contemporary international trade issues.

*Prerequisites: Second year standing including BUSI 1210 and/or BUSI 1215*

*Co-requisites: MRKT 2455 MRKT 2455*

*Transferable (refer to transfer guide)*

**BUSI 2460 CR-3****Collective Bargaining**

This is an examination of conflict resolution among management, workers, and government in the pluralistic environment of the firm. Contract formulation and collective bargaining are analyzed in the light of various theories of industrial and human relations. The course is developed around a Contract Negotiations Simulation.

*Prerequisites: Second year standing including BUSI 1210 and/or BUSI 1215*

*Transferable (refer to transfer guide)*

**BUSI 2465 CR-3****Business Negotiations**

Students will learn negotiation techniques that may be used to achieve a variety of business objectives. They will experience the negotiation process and apply the principles of distributive and integrative bargaining through a spectrum of role-plays and simulations, with special emphasis on the importance of developing pre-negotiation plans and establishing benchmarks.

*Prerequisites: BUSI 1210 or BUSI 1215*

*Transferable (refer to transfer guide)*

**BUSI 2490 CR-3****International Business**

Students will study modern strategic approaches and implementation activities used in the creation and operation of successful international businesses. They will develop specific managerial skills in order to deal effectively with international business matters from the techniques of international business transactions to the challenges of globalization, including the roles of culture, political economy, and technology. Students will be exposed to leading practices employed by entrepreneurs and managers and will apply the theories and concepts to solve problems through exercises, case analyses, and a term project involving direct or simulated work with real-world organizations.

*Prerequisites: 30 credit hours of 1100-level or higher including at least one of BUSI 1210 or BUSI 1215.*

*Transferable (refer to transfer guide)*

**C****CAREER CHOICES AND LIFE SUCCESS (CCLS)****CCLS 0100 CR-2.5****Self Knowledge: Basis for Success**

Students will participate in the continuing process of developing self-knowledge. They will develop self-awareness, self-acceptance, self-confidence and personal power. Students will learn to make the connection between self-knowledge and career and life success.

**CCLS 0101 CR-3****Communication Skills**

Students will learn verbal, nonverbal and written communication skills. They will demonstrate verbal communication skills by participating in practice employment interviews. Students will apply written communication skills in creating a resume and a cover letter.

**CCLS 0102 CR-2.5****Personal Management and Problem Solving**

Students will learn to identify and apply strategies to manage career and life challenges. They will practice conflict resolution skills and develop critical and creative thinking skills. Students will examine decision-making and time and stress management strategies.

**CCLS 0115 CR-3.5****Career and Education Experience**

Students will have opportunities to research their education and career options by job shadowing and/or work placement or auditing courses to determine compatibility with career and life goals.

**CCLS 0210 CR-2.5****Career Assessment and Research**

Students will complete a variety of career assessments. They will consider career options based on assessments, previous experience and research. Students will conduct information interviews to gain labour market information.

**CCLS 0212 CR-2****Career and Life Planning**

Students will review their career and education findings to formulate a plan of action for career and life success.

**CARPENTRY/BUILDING CONSTRUCTION (CARP)****CARP 1102 CR-2****Safe Work Practices**

Students will learn the skills and work habits required for success in the carpentry trade. They will identify the relevant sections of the WorkSafeBC OH&S Regulation and will recognize the potential hazards affecting personal safety on the construction site.

**CARP 1104 CR-3****Hand and Power Tools**

Students will learn to measure, lay out and safely cut and assemble wood into various building components, jigs and projects using hand tools and portable and shop power tools commonly used in the carpentry trade.

*Prerequisites: CARP 1102*

**CARP 1109 CR-3****Building Materials, Codes and Drawings**

Students will learn and examine basic drafting skills to allow them to read residential blueprints. They will identify the basic elements of wood, and will identify how wood has been engineered for use in modern design through new technology. Students will identify the role of building codes and bylaws to determine proper building practices.

**CARP 1115 CR-2****Building Site Layout and Leveling**

Students will apply Pythagoras' theorem to layout procedures for residential foundations. They will learn basic leveling techniques using the automatic levels to current industry standards. Students will also learn to measure, set and record the results in a surveyor's field book. They will lay out a building and prepare batter boards and set building lines for a residential foundation.

*Prerequisites: CARP 1109*

### **CARP 1119 CR-2.5**

#### **Building Residential Concrete Formwork Systems**

Students will learn about concrete forming systems used in residential construction and light commercial applications. They will identify foundation requirements, set templates, and form block-outs according to the Building Code and standard construction practices. Students will use concrete fasteners to attach formwork materials to the concrete.

*Prerequisites: CARP 1115*

### **CARP 1125 CR-3.5**

#### **Floors, Walls and Ceilings: Residential Framing Systems**

Students will build components of Western Platform Framing applying the British Columbia Building Code to the structures. They will frame floors, walls, and ceilings. Students will follow the WorkSafeBC OH&S Regulation for all activities.

*Prerequisites: CARP 1119*

### **CARP 1130 CR-3.5**

#### **Roofs and Stairs: Residential Framing Systems**

Students will build gable and hip roofs and stair assemblies used in residential home building according to the British Columbia Building Code. They will frame stairs and roofs using standard framing practices in the industry according to the British Columbia Building Code. Students will follow the WorkSafeBC OH&S Regulation for all activities.

*Prerequisites: CARP 1125*

## **CHEMISTRY (CHEM)**

### **CHEM 1101 CR-4**

#### **CSI: Chemical Sciences Investigation**

Students will learn introductory chemical concepts framed in the context of the forensic sciences and will perform some of the techniques seen on crime shows. Students will, for example, examine latent fingerprints by fuming and dusting a variety of surfaces, analyze soil samples, and identify a crime scene plastic sample by density, flame tests and analysis. This course would be of particular interest to students pursuing a career as an elementary level educator.

NOTE: This course is intended for students with little background in math and sciences that have a quantitative requirement (or need lab-sciences credit) to complete a Bachelor's degree in the Arts or Humanities.

NOTE: This course may not be used for credit towards a science degree or as a prerequisite for further science courses. This course may be used to partially fulfill quantitative requirements for a Bachelor of Arts degree, science requirements for an elementary teacher education program, lab science requirements for an Associate of Arts degree, and liberal education/breadth credits for Kwantlen degrees

*Transferable (refer to transfer guide)*

### **CHEM 1105 CR-4**

#### **Introductory Chemistry**

Students will learn about: thermochemistry, freezing point depression, boiling point elevation, liquids and gases, solutions, acids and bases, ionic equilibria, chemical equilibria, and oxidation and reduction, after a quick review of the content of CHEM 1094. They will also perform laboratory work.

*Prerequisites: (CHEM 1094 or CHEQ 1094 or Chemistry 11 [C+] or Chemistry 12 [P]) and (MATQ 1093 or MATH 1093 or MATH 1117 or ABEM 0011 or 0082 or MATP 1011 or PSPM 1082 or Principles of Mathematics 11 (C) or Pre-calculus (C) Transferable (refer to transfer guide)*

### **CHEM 1110 CR-4**

#### **The Structure of Matter**

Students will study the modern view of atomic structure, nuclear chemistry, theories of bonding and molecular structure, organic chemistry (properties and reactions of the major functional groups and isomerism) after a brief review of stoichiometry, gases and the treatment of experimental data. Students will also perform experiments in the laboratory.

*Prerequisites: (CHEM 1105 or [Chemistry 12 with a C+]) and (MATQ 1093 or MATH 1093 or 1117 or ABEM 0011 or 0082 or MATP 1011 or PSPM 1082 or [Pre-calculus 12 with a C] or [Pre-calculus 12 with a P plus Mathematics Placement Test] or [Principles of Mathematics 12 with a C] or [Principles of Mathematics 12 with a P plus Placement Test])  
Co-requisites: MATH 1112 or (MATH 1111 and 1113) is strongly recommended MATH 1112 or (MATH 1111 and 1113) is strongly recommended  
Transferable (refer to transfer guide)*

### **CHEM 1154 CR-4**

#### **Chemistry for Engineering**

Students will learn about stoichiometry, gases, liquids, solids and solutions, equilibrium, acids and bases, thermodynamics, and chemical kinetics. They will also perform laboratory work.

Note: This course may not be used for credit for students in science, or as a pre-requisite for further chemistry courses. This course is designed for students transferring to an engineering program.

*Prerequisites: (CHEM 1105 or [Chemistry 12 with a C+]) and (MATH 1112 or [Principles of Mathematics 12 with a B] or [Pre-calculus with a B])  
Transferable (refer to transfer guide)*

### **CHEM 1210 CR-4**

#### **Chemical Energetics and Dynamics**

Students will learn about topics including liquids, solids and solutions, a review of redox reactions, electrochemistry, the laws of thermodynamics, equilibrium, acids and bases, ionic equilibria, and chemical kinetics. They will also perform experiments in the laboratory.

*Prerequisites: CHEM 1110 and ([MATH 1112 or higher level] or [Principles of Mathematics 12 with a B] or [Pre-calculus 12 with a B])  
Transferable (refer to transfer guide)*

**CHEM 2310 CR-4****Physical Chemistry**

Students will study chemical kinetics, thermodynamics, and spectroscopy at a second-year level with the appropriate mathematical rigour. They will also apply these physical chemistry principles in a lab setting.

*Prerequisites: CHEM 1210 and (MATH 1220 or MATH 1230)*

*Transferable (refer to transfer guide)*

**CHEM 2311 CR-3****Physical Chemistry for Life Sciences**

Students will study chemical kinetics, thermodynamics, and spectroscopy at a second year level without some of the mathematical rigor commonly associated with a second-year physical chemistry course.

*Prerequisites: CHEM 1210 and (MATH 1120 or 1130 or (1140 with a C+ or better))*

*Co-requisites: MATH 1220 or 1230 MATH 1220 or 1230*

*Transferable (refer to transfer guide)*

**CHEM 2315 CR-4****Analytical Chemistry**

Students will learn the fundamental concepts of analytical chemistry. They will study quantitative analysis of aqueous solutions and solid samples, experimental design and data analysis, as well as spectroscopic and chromatographic methods. Students will engage in extensive laboratory work and practical applications.

*Prerequisites: CHEM 1210*

*Transferable (refer to transfer guide)*

**CHEM 2320 CR-4****Organic Chemistry I**

Students will study the fundamental aspects of modern organic chemistry as illustrated by the structure, physical and spectroscopic properties and reactions of alkanes, cycloalkanes, alkenes, dienes, alkynes, halogen compounds, alcohols, ethers, aldehydes and ketones. They will also perform experiments in the laboratory.

*Prerequisites: CHEM 1210 (or CHEM 1110 with a B or better)*

*Transferable (refer to transfer guide)*

**CHEM 2410 CR-5****Physical-Inorganic Chemistry**

Topics covered in this course are: properties, bonding, structure and reaction of coordination compounds, spectroscopy, chemical kinetics, reaction rate theories, solution equilibria and electrochemistry. The laboratory component of this course stresses analytical and inorganic methods in Chemistry.

*Prerequisites: CHEM 1210 and (MATH 1120 or MATH 1130)*

*Co-requisites: MATH 1220 or MATH 1230 MATH 1220 or MATH 1230*

*Transferable (refer to transfer guide)*

**CHEM 2420 CR-4****Organic Chemistry II**

Students will study the structure and reactions of aromatics, polycyclic aromatic and heteroaromatic compounds, and their enolates, and an introduction to the chemistry of fats, carbohydrates and proteins. They will also perform experiments in the laboratory. Note: This course is a continuation of CHEM 2320.

*Prerequisites: CHEM 2320*

*Transferable (refer to transfer guide)*

**CHEM 3310 CR-4 (formerly CHEM 2310)****Physical Chemistry**

Students will study chemical kinetics, thermodynamics, and spectroscopy with the appropriate mathematical rigour. They will also apply these physical chemistry principles in a lab setting.

*Prerequisites: CHEM 1210 and (MATH 1220 or 1230)*

*Transferable (refer to transfer guide)*

**CHEMISTRY QUALIFYING (CHEQ)****CHEQ 1094 CR-4****Preparation for General Chemistry**

Students will study: exponential notation, significant figures, dimensional analysis, metric system, density, symbols, chemical formula and equations, percentage composition and simplest formula, atomic mass, mole concept, stoichiometry, solutions molarity, classification of matter, gases, periodic table and some descriptive chemistry. They will also perform experiments in the laboratory.

*Prerequisites: (Foundations and Pre-Calculus of Mathematics 10 with a C) or [Mathematics 10 with a C]*

*Co-requisites: MATQ 1093 or MATH 1093 or MATH 1117 or MATQ 1099 or ABEM 0011 or MATP 1011 or (Pre-Calculus 11 with a C) or (Principles of Mathematics 11 with a C) MATQ 1093 or MATH 1093 or MATH 1117 or MATQ 1099 or ABEM 0011 or MATP 1011 or (Pre-Calculus 11 with a C) or (Principles of Mathematics 11 with a C)*

**CO-OPERATIVE EDUCATION****(COOP)****COOP 1101 CR-1****Job Search Techniques**

Students will learn the philosophy and goals of co-operative education. They will also learn to develop effective job search techniques, including preparing effective resumes and cover letter, and practicing interview skills, in order to secure their first co-op placement.



**COOP 1110 CR-9****Co-op Work Semester 1**

Students will apply academic knowledge and acquire new abilities through relevant employment in their field of study. They will complete a 12-16 week paid co-op work experience taken on a full-time basis, monitored by Co-op Faculty. Students will reflect on how their behaviours and attitudes affect their work and their relations with others in the organization. They will also assess their interests and attitudes in relation to their field of study.

Note: This course may be taken part-time over two consecutive semesters and will appear on the transcript as COOP 1111 and COOP 1112. Successful completion of COOP 1110 requires completion of both courses and will be equivalent to one completed Co-op workterm. Students registering in COOP 1111 are committing to register in COOP 1112 in the subsequent term. The same grade will be assigned to both courses regardless of outcome.

NOTE: Credits for Co-op workterm courses may only be used to satisfy graduation requirements for the Co-op option of the Diploma and Degree programs. These credits do not contribute to the overall required academic credits for Diploma and Degree.

*Prerequisites: COOP 1101; Permission of the instructor and the following special program criteria: ENVI: satisfactory standing & completion of first year CISO: completion of first year with a 2.33 GPA MRKT: completion of first year with a 3.00 GPA*

**COOP 2101 CR-1****Leadership and the Job Search**

Students will integrate the learning they acquired during their first co-op placement, through a written report and presentation, and prepare for their second placement. They will inventory their skills and knowledge, update their resumes, and practice interview techniques. They will also develop leadership abilities through a mentoring program of junior students, which includes conducting interviews, analyzing resumes, and providing feedback.

*Prerequisites: COOP 1101 and COOP 1110*

**COOP 2110 CR-9****Co-op Work Semester 2**

Students will apply academic knowledge and acquire new abilities through relevant employment in their field of study. They will complete a second 12-16 week paid work experience taken on a full-time basis, monitored by Co-op faculty. Students will explore the significance of their behaviours and attitudes in relation to their work and examine their own working relationships and those of the organization. They will also define their interests and attitudes in relation to their field of study.

Note: This course may be taken part-time over two consecutive semesters and will appear on the transcript as COOP 2111 and COOP 2112. Successful completion of COOP 2110 requires completion of both courses and will be equivalent to one completed Co-op workterm. Students registering in COOP 2111 are committing to register in COOP 2112 in the subsequent term. The same grade will be assigned to both courses regardless of outcome.

NOTE: Credits for Co-op workterm courses may only be used to satisfy graduation requirements for the Co-op option of the Diploma and Degree programs. These credits do not contribute to the overall required academic credits for Diploma and Degree.

*Prerequisites: COOP 2101; Permission of Instructor and the following program specific criteria: ENVI: second year standing & first year 2.0 GPA CISO: second year standing & first year 2.33 GPA MRKT: second year standing & first year 3.0 GPA*

**COOP 2301 CR-1****Career Search**

Students will integrate the learning they acquired during their second work experience and prepare for their entrance into the labour market upon graduation. They will plan their career development, update their resumes and prepare timelines for their job search. They will learn techniques to identify and research work opportunities and use these techniques in conducting a job search.

*Prerequisites: COOP 2101 and COOP 2110*

**COOP 3210 CR-9****Co-op Work Semester 3**

Students will apply academic knowledge and acquire new abilities through relevant employment in their field of study. They will complete a 12-16 week paid co-op work term taken on a full-time basis. Students will assess their interests and attitudes in relation to their field of study.

Note: This course may be taken part-time over two consecutive semesters and will appear on the transcript as COOP 3211 and COOP 3212. Successful completion of COOP 3210 requires completion of both courses and will be equivalent to one completed Co-op workterm. Students registering in COOP 3211 are committing to register in COOP 3212 in the subsequent term. The same grade will be assigned to both courses regardless of outcome.

NOTE: Credits for Co-op workterm courses may only be used to satisfy graduation requirements for the Co-op option of the Diploma and Degree programs. These credits do not contribute to the overall required academic credits for Diploma and Degree.

*Prerequisites: COOP 1101; Permission of the instructor, and the following specific program criteria: BTEch: min. GPA of 2.5 in any five program courses BBA: min. GPA of 2.7 in any five program courses*

**COOP 4210 CR-9****Co-op Work Semester 4**

Students will apply academic knowledge and acquire new abilities through relevant employment in their field of study. They will complete a further 12-16 week paid work experience taken on a full-time basis, monitored by Co-op faculty. Students will prepare a formal report examining one aspect of their work – either on a technical, organizational or interpersonal level.

Note: This course may be taken part-time over two consecutive semesters and will appear on the transcript as COOP 4211 and COOP 4212. Successful completion of COOP 4210 requires completion of both courses and will be equivalent to one completed Co-op workterm. Students registering in COOP 4211 are committing to register in COOP 4212 in the subsequent term. The same grade will be assigned to both courses regardless of outcome.

NOTE: Credits for Co-op workterm courses may only be used to satisfy graduation requirements for the Co-op option of the Diploma and Degree programs. These credits do not contribute to the overall required academic credits for Diploma and Degree.

*Prerequisites: COOP 3210*

# COMMUNICATIONS (COMM)

## COMM 1100 CR-3

### Foundations of Communication Studies

Students will be given a comprehensive overview of what it means to study communications. They will explore classic definitions and models of communications and trace how these notions have changed with the introduction of new media, new messages, new communicators and a more active and participatory audience. They will explore: communication theories, communication media, the key power players in the realm of communications (particularly in North America) and the role of the audience.

*Prerequisites: A grade of 'B' in English 12 (or equivalent)  
Transferable (refer to transfer guide)*

## COMM 1110 CR-3

### Television and Social Change

Students will explore the evolution of North American television programs from their beginnings to the present day, in the context of their impact on and reflection of social change. Students will critically view and analyse the iconic television programs produced since World War Two and consider their role in mirroring and/or affecting society at large from a cultural, political and social perspective.

*Prerequisites: A grade of 'B' in English 12 (or equivalent)  
Transferable (refer to transfer guide)*

## COMM 1200 CR-3

### Visual Literacy

Students will critically explore visual-literacy concepts and theories that are applicable to a broad range of media including, but not limited to, web sites, television, newspapers, fine art, advertising, social media, photography, zines, comics/graphic novels and film/video. They will learn how to interpret, negotiate and evaluate effective visual communications through screenings, readings, workshops, exercises and classroom discussion. Students will learn how to 'see' the basic graphic composition of images, such as design elements and principles. They will analyze visual-communication problems, discuss solutions and produce personal projects that reflect their understanding of visual literacy.

Note: This course may include mandatory field trips.

*Prerequisites: A grade of 'B' in English 12 (or equivalent)*

## COMM 2100 CR-3

### Media Ethics and Law

Students will learn about the philosophical underpinnings of various approaches to ethical dilemmas, and about current media-related laws. They will consider these theories and laws relative to such issues as privacy, offensive content, freedom of expression, contempt of court and conflict of interest. They will explore these issues as they relate to various communication methods including, but not limited to, social networking, blogs and other interactive media, citizen and professional journalism, and various entertainment media. They will critically examine and analyze content from an ethical and legal perspective and discuss the impact of new technologies on media ethics and law.

*Prerequisites: Six credits of 1100-level or higher courses  
Transferable (refer to transfer guide)*

## COMM 2210 CR-3

### Mapping Media and Cultural Theory

Students will be introduced to the study of popular culture. They will map the topic in different media, such as television, movies, advertising, video games, animation, music, public art and the Internet. They will also explore how popular culture has aligned itself historically with different goals: cultural, economic, political, and social. They will explore the major organizations and other players involved in communications around the world with particular focus on North America.

Note: This course may include required field trips.

*Prerequisites: 6 credits of any 1100-level or higher courses  
Transferable (refer to transfer guide)*

## COMM 2220 CR-3

### Communication Rights & Freedoms

Students will consider the role of communication rights and freedoms in the development and protection of all other fundamental rights and freedoms, from basic human rights to democracy. They will focus on the limits and extent of communication rights in Canada including, but not limited to: the right to access meaningful information about how they are governed; the right to protest and dissent; freedom of the press; the protection of private information; and copyright laws protecting intellectual property. Students will also compare communication rights and freedoms in Canada to those of other countries, both democratic and non-democratic.

*Prerequisites: 6 credits of any 1100-level or higher courses  
Transferable (refer to transfer guide)*

## COMM 3100 CR-3

### Media and Diversity

Students will examine the media from the perspective of a diverse audience, with a specific focus on issues such as race, religion, gender and culture. They will analyze diversity issues in media content for fairness and balance.

Note: This course may include required field trips.

*Prerequisites: 45 credits of 1100-level or higher courses  
Transferable (refer to transfer guide)*

## COMM 3110 CR-3

### News Media and Influence

Students will analyze how news media and the journalists who work within it are influenced by business and government, and how, in turn, news media and the work of journalists influences public opinion and discourse in the public sphere. Students will examine propaganda and persuasion techniques such as strategic political communication known as "spin". Students will also consider the purpose and effectiveness of journalism ethics and best practices in countering undue and inappropriate influence on the reporting and editing processes.

*Prerequisites: 45 credits of 1100-level or higher courses  
Transferable (refer to transfer guide)*

### **COMM 4210 CR-3**

#### **History of Canadian Journalism**

Students will learn about the history of journalism in Canada, from the first 18th-century newspaper to the present-day multi-media world. They will examine broad historic trends in Canadian journalism, such as the commercialization of the press in the 19th century, the concentration of ownership in the 20th century, and the effects of new technologies in the 21st century. They will also explore more localized aspects of journalism history, such as regional differences among Ontario, Maritime, Francophone and western Canadian journalism.

*Prerequisites: 60 credits of 1100-level or higher courses, including JRNL 1160 or HIST 1114*

## **COMMUNITY AND HEALTH STUDIES (CAHS)**

### **CAHS 2100 CR-3**

#### **The Reflective Practitioner**

Students will explore their professional practice through the Art and Inquiry Workshop, a creating, integrating, and reflecting inquiry approach. They will examine experiences and issues central to professionalism as a direct support practitioner.

*Prerequisites: One full year of work experience in a field related to Community and Health Studies*

### **CAHS 2120 CR-2.5**

#### **Supporting Students with Autism Spectrum Disorders**

Students will develop an understanding of the nature and characteristics of autism spectrum disorders. They will examine the current research on best practices for supporting students with autism spectrum disorders in a variety of educational settings. Students will explore functional assessment practices, positive behaviour supports, and a wide range of strategies and materials that enhance learning, communication, and social skills.

*Prerequisites: ECHS 1125 and ECHS 1135 and (SETA 1101 and SETA 1105 and SETA 1161 and SETA 1120 and SETA 1270) or (CSWC 1135 and CSWC 1250 and HSWC 1160)*

### **CAHS 3100 CR-3**

#### **Teaching and Learning in Communities**

Students will critically examine and apply a variety of teaching/learning theories, perspectives, and strategies that underlie meaningful interactions with individuals, families, and groups. They will explore the influence of personal meaning, beliefs, and values on teaching/learning processes. Students will participate in teaching/learning experiences with diverse communities using a community development model.

*Prerequisites: a minimum of 45 credits and ENGL 1100 or ENGL 1110 or equivalent*

### **CAHS 3105 CR-3**

#### **Healing Arts I**

Students will examine the philosophy of healing, and the ways in which creativity, spirituality, and beauty contribute to holistic health. They will examine theories and models related to multicultural healing practices. Students will evaluate selected complementary and alternative therapies to gain practical insights about personal healing in this assisted online course.

*Prerequisites: 60 credits of 1100-level or higher courses, including ENGL 1100*

### **CAHS 3200 CR-3**

#### **Becoming a Mentor**

Students will analyze organizational cultures and their own mentoring needs in an on-line learning environment. They will explore the characteristics, stages, challenges, and rewards of mentoring relationships in order to become effective mentors. Students will develop learning plans specific to work-related transitions such as being a new employee, accepting a new position, and preparing for retirement.

### **CAHS 3500 CR-4.5**

#### **Nursing Concepts and Theories**

Students will examine concepts and theories related to current nursing practice. They will apply ethical, feminist, and critical social theories and a phenomenological perspective when exploring self, others, health, and healing. Students will use their own practice experiences to make meaning of conceptual frameworks.

*Prerequisites: Licensure as a Registered Psychiatric Nurse*

## **COMPUTER AIDED DESIGN & DRAFTING (CADD)**

### **Architectural Courses**

#### **CADA 1200 CR-3**

##### **Architectural Fundamentals**

Students will study and apply architectural theory, the architectural development process, and the design process. They will learn to identify codes and standards, construction materials, and methods. Students will learn about building components and their application.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 plus DRAF 1306]) and (CADD 1160 or DRAF 1160)*

#### **CADA 1210 CR-4**

##### **Single Family Residential**

Students will prepare a site plan, floor plans, and a foundation plan for a single-family residential building. They will prepare framing schematics, sections and details, and exterior elevations. Students will develop schedules and present the project.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 plus DRAF 1306]) and (CADD 1160 or DRAF 1160)*

#### **CADA 1220 CR-4**

##### **Commercial Buildings**

Students will develop the design and then prepare a site plan, building plans, schematics, sections and details for a commercial building. They will use glazing and storefront components, apply codes and standards, and prepare interior and exterior elevations. Students will develop schedules and specifications, explain coordination procedures to ensure completion of the project, and give a presentation of the project. They will explain Leadership in Energy and Environmental Design (LEED) standards and its applications.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 plus DRAF 1306]) and (CADD 1160 or DRAF 1160)*

#### **CADA 1250 CR-4**

##### **Introduction to Building Information Modeling (BIM) Software for Architectural**

Students will identify types of 3-dimensional (3D) Architectural software. They will use 3D sketch software to create and combine assemblies to produce a building model. Students will use BIM software interface and identify principles of creating a building information model. They will identify families of components, set up a project, and set up views. Students will apply annotation and scheduling.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 plus DRAF 1302 plus DRAF 1306]) and (CADD 1160 or DRAF 1160)*

#### **CADA 2100 CR-4**

##### **Multi-Family Residential**

Students will follow best practice design development procedure to prepare a site plan, floor plans, and a foundation plan for a multi-family residential building. They will prepare framing schematics, sections and details, and exterior elevations and material schedules. Students will prepare documents to applicable codes and standards, follow procedures to ensure completion and coordination of the project and present completed construction documentation. They will prepare and present project features for public reviews.

*Prerequisites: Certificate in CADD - Architectural Specialty or DRAF 1110 and DRAF 1210 and DRAF 1310*

#### **CADA 2150 CR-4**

##### **Building Information Model (BIM) Software for Architectural - Project**

Students will create advanced components, apply interior fittings, and use Building Information Model (BIM) software to output, input and link information. They will apply collaboration and design integration, use massing and phasing tools, and apply design options. Students will apply detailing, apply site design, and use advanced rendering techniques. They will use BIM software to complete a project.

*Prerequisites: CADA 1250*

### **Core Courses**

#### **CADD 1100 CR-4**

##### **Drafting Fundamentals**

Students will set up drawings and use geometric construction and appropriate line-types to produce orthographic and pictorial representations of models. They will use projection techniques to construct intersections and developments of various three dimensional shapes. Students will apply sections and conventions and use details to enhance the representation fill-in title blocks and use quality control procedures to complete drawings. They will prepare a mechanical assembly drawing.

#### **CADD 1110 CR-4**

##### **Summative Project**

Students will follow the design process and use sketches, standards and codes to produce a set of drawings that would be suitable to obtain a building permit for a multi-storey house. They will produce a site plan, floor plan, foundation and framing plan, cross section and exterior elevations. Students will extract details and produce schedules. They will select appropriate presentation scales and apply annotation, dimensions and symbols as per industry standards.

#### **CADD 1150 CR-4**

##### **Computer Aided Drafting & Design Software**

Students will operate CADD software and use advanced construction techniques. They will use CADD software to perform analytical calculations, and to import and export data using external references and other techniques. Students will create three-dimensional (3D) solid and wire frame models. They will use presentation techniques to create two-dimensional (2D) images and 3D rendered images from 3D models. Students will customize the software user interface.

#### **CADD 1160 CR-3**

##### **Introduction to Office Procedures and Software**

Students will use MS Word, Excel and PowerPoint to interact with CADD software to exchange data and graphics. They will follow basic office procedures to produce memos, change orders, and to follow document control and revision procedures. Students will investigate a variety of disciplines in the Drafting/CADD field and write a report or give a presentation on the discipline of their choice. Students will apply geometric, algebraic, and trigonometric principles to solve problems. They will plan and run student meetings.

#### **CADD 2100 CR-4**

##### **CADD Graphics and Models: Rendering and Animation**

Students will render 2D graphics and create 2D perspectives. They will apply color, texture and shadows. Students will create digital 3D models, build physical models from common materials and use photo editing software to insert models into photographs. They will import 3D models into rendering and animation software and apply lighting and camera locations. Students will create motion paths, create flythrough paths and create assembly animations. They will give presentations of completed projects.

*Prerequisites: CADA 1250 or CADI 1250 or CADM 1250 or CADS 1250*

#### **CADD 2110 CR-4**

##### **Surveying and Site Work**

Students will apply surveying fundamentals and use surveying equipment to collect coordinates and elevations. They will apply algebra, geometry, trigonometry and introductory calculus to perform surveying calculations. Students will prepare a subdivision drawing and indicate boundaries, access, roads and services. They will indicate contour lines and perform cut and fill calculations. Students will prepare a site layout, determine site grading and drainage, prepare retaining walls and outlines of buildings to complete a site plan drawing. They will use 3D modeling software for Civil applications.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or DRAF 1150) and (CADD 1160 or DRAF 1160 or DRAF 1270)*

#### **CADD 2160 CR-4**

##### **Professional Practice for Design and Drafting**

Students will explain document control procedures and apply a document change-manage process. They will follow health and safety procedures, describe the effects of office ergonomics, and follow appropriate office department related to design and drafting. Students will explain liability issues, follow ethical principles, and explain basic project management principles related to design and drafting. They will identify the roles of Engineering and Architectural professionals.

*Prerequisites: CADD 1160 or DRAF 1160*

### **CADD 2210 CR-4**

#### **Document Control and Web Portfolio**

Students will explain the need for document control and identify roles and responsibilities in document control. They will categorize types of documents and their purposes and implement document control procedures. Students will set up document control websites, create information websites and create portfolio websites. They will participate in online meetings with document and application sharing. Students will give presentations of completed projects.

*Prerequisites: CADA 1250 or CADI 1250 or CADM 1250 or CADS 1250*

### **CADD 2250 CR-4**

#### **CADD Customization and Networks**

Students will explain the need for CADD customization and identify programming languages used with CADD software. They will determine the appropriate programming language for a variety of CADD custom functions, use programming to customize CADD software and use scripting and macros. Students will explain the fundamentals of operating systems and describe command line interfaces and system utilities. They will install CADD software, set-up multi-user CADD local area network (LAN) with client/server, apply permissions and install printers.

*Prerequisites: CADA 1250 or CADI 1250 or CADM 1250 or CADS 1250*

## **Industrial Courses**

### **CADI 1200 CR-3**

#### **Industrial Applications**

Students will identify industrial processes and codes and standards. They will describe industrial design development, identify information from external resources, and describe types of drawings. Students will prepare a flow chart and a general arrangement, and identify materials handling equipment and components. They will identify piping equipment and components, and participate in industrial field trips.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 plus DRAF 1306]) and (CADD 1160 or DRAF 1160)*

### **CADI 1210 CR-4**

#### **Conveyor Systems**

Students will identify types of transfer decks, apply design criteria, and identify design principles to prepare a transfer deck. They will identify types of conveyors, draw and detail a belt conveyor, and prepare chute details. Students will apply appropriate drafting practice.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 plus DRAF 1306]) and (CADD 1160 or DRAF 1160)*

### **CADI 1220 CR-4**

#### **Process Piping**

Students will prepare piping and instrumentation diagrams, lay out a general arrangement, and prepare details of piping equipment. They will develop pipe routing and follow design principles to output piping orthographics and isometrics. Students will produce isometric spool drawings and apply appropriate drafting practice.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 plus DRAF 1306]) and (CADD 1160 or DRAF 1160)*

### **CADI 1250 CR-4**

#### **Introduction to Industrial 3 Dimensional Modeling Software**

Students will identify 3-dimensional (3D) software for industrial and mechanical applications. They will use 3D parametric modeling software to make effective sketches, model parts and generate 2-dimensional (2D) drawings. Students will create assembly files, presentation drawings and assembly drawings. They will use process piping software to place components into a piping model, create orthographic piping working drawings, and to automatically generate piping isometric drawings with a bill of materials. Students will use piping and instrumentation diagram (P&ID) software to create piping schematics.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 plus DRAF 1302 plus DRAF 1306]) and (CADD 1160 or DRAF 1160)*

## **Manufacturing and Fabrication Courses**

### **CADM 1200 CR-3**

#### **Fundamentals of Manufacturing and Fabrication**

Students will use manufacturing terms and definitions, follow safety procedures, and describe the characteristics of manufacturing materials. They will identify the roles of manufacturing professionals, and describe the manufacturing process flow. Students will identify manufacturing and fabrication equipment, identify heat treatments, and describe manufacturing and fabrication processes. They will describe assembly processes, identify sources of parts and materials, use measuring tools and techniques and apply geometric tolerance and dimensioning. Students will describe tolerancing and its effect on processes. They will identify welding processes, and identify common material stock shapes.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 and DRAF 1306]) and (CADD 1160 or DRAF 1160)*

### **CADM 1210 CR-4**

#### **Component Assembly and Details**

Students will apply information from reference sources, follow relevant codes and standards, and follow Enterprise Resources Planning (ERP) and Material Resources Planning (MRP) procedures. They will describe the design intent of the assembly, source manufactured components, and prepare assembly and sub-assembly detail drawings. Students will prepare drawings of discrete parts, weldment drawings and sheet metal drawings. They will apply methods of dimensioning and specify machining techniques. Students will follow document control procedure for revised parts and identify quality control procedures. They will prepare bill of materials and material pull sheets, and follow document control procedures.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 and DRAF 1306]) and (CADD 1160 or DRAF 1160)*

## **CADM 1220 CR-4**

### **Integrated Machine Design Systems**

Students will identify the systems involved in machine design, and differentiate between the design concepts; function and form. They will describe alternative approaches to problem solving and the relationship to design. Students will identify structural, mechanical, electrical, electronic, and electro-mechanical principles related to machine design. They will identify software platforms used in industrial applications, apply trouble-shooting techniques, perform diagnostics, and perform analysis of basic designs.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 and DRAF 1306]) and (CADD 1160 or DRAF 1160)*

## **CADM 1250 CR-4**

### **3 Dimensional (3D) Parametric Solids Modeling Software**

Students will identify 3D software for each discipline, and list types of 3D parametric modeling software. They will use 3D parametric software interface and viewing commands and use 2 dimensional (2D) sketches to create 3D solids and surfaces. Students will create multiple configurations using tables and apply top-down modeling techniques to create assemblies with constraints. They will identify output formats and their applications. Students will create 2D rendered pictorial drawings, exploded assembly drawings and animation of assemblies.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 and DRAF 1306]) and (CADD 1160 or DRAF 1160)*

## **Structural Courses**

### **CADS 1200 CR-4**

#### **Introduction to Structural Drafting and Concrete**

Students will describe the structural discipline and apply information from appropriate reference drawings and design notes to prepare concrete floor plans and foundation details, and apply reinforcing information. They will identify concrete characteristics, apply geotechnical information and identify principles of foundation design to prepare anchor bolt and equipment pad details. Students will identify precast / prestressed concrete and calculate reinforcing / concrete quantities. They will develop sections and elevations from plans.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 plus DRAF 1306]) and (CADD 1160 or DRAF 1160)*

### **CADS 1210 CR-4**

#### **Structural Steel**

Students will apply structural steel shapes, prepare line diagrams and apply bridging and open web steel joist extensions. They will prepare bolted and welded steel connections and prepare shop drawings. Students will calculate structural steel quantities.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 plus DRAF 1306]) and (CADD 1160 or DRAF 1160)*

## **CADS 1220 CR-4**

### **Wood Frame and Heavy Timber**

Students will apply wood framing fundamentals. They will prepare drawings and details for a bridge approach span, a bridge main span and an abutment for a timber bridge. Students will indicate high and low water levels and prepare timber connections and an expansion joint detail.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 plus DRAF 1306]) and (CADD 1160 or DRAF 1160)*

## **CADS 1250 CR-3**

### **Introduction to Building Information Model (BIM) Software for Structural**

Students will identify types of 3-dimensional (3D) used in structural applications. They will use 3D sketch software to model structural components and combine components to create a building model. Students will identify fundamentals of building modeling and will use Building Information Modeling software (BIM). They will identify hierarchies of components, set up drawings and output, import and export information. Students will apply annotation and scheduling.

*Prerequisites: (CADD 1100 or DRAF 1100) and (CADD 1110 or DRAF 1110) and (CADD 1150 or [DRAF 1150 plus DRAF 1306]) and (CADD 1160 or DRAF 1160)*

## **CADS 2100 CR-4**

### **Site Work**

Students will indicate contour lines, prepare site layout, and determine site grading. They will prepare site drainage, retaining walls, outline of buildings and prepare site access. Students will complete a site plan drawing.

*Prerequisites: Certificate in CADD - Structural Specialty or DRAF 1360*

## **CADS 2150 CR-4**

### **Building Information Model (BIM) for Structural-Project**

Students will explain document control procedures and apply a document change-manage process. They will follow health and safety procedures, describe the effects of office ergonomics, and follow appropriate office department related to design and drafting. Students will explain liability issues, follow ethical principles, and explain basic project management principles related to design and drafting. They will identify the roles of Engineering and Architectural professionals, and apply algebraic and trigonometric concepts and methods to solve problems.

*Prerequisites: CADS 1250*

## **COMPUTER BUSINESS SYSTEMS (CBSY)**

### **CBSY 1105 CR-3**

#### **Introductory Microcomputer Applications**

Students will examine basic computer hardware and software concepts, and the Internet. They will use the Windows operating system, spreadsheet software, presentation software and word processing software to develop solutions for business problems. The current software in use is Microsoft Windows® and Microsoft Office®.

*Transferable (refer to transfer guide)*

**CBSY 2205 CR-3****Management Information Systems**

Students will examine up-to-date basic concepts, components and applications of business computer systems. They will study computer hardware and software, data management, telecommunications, Internet, business information systems, systems analysis and design, and ethical and security issues and will practice microcomputer applications.

*Prerequisites: A minimum of 15 undergraduate credits from any course 1100-level or higher. A minimum grade of C must be achieved in each course.*

*Transferable (refer to transfer guide)*

**CBSY 2305 CR-3****Advanced Microcomputer Applications**

Students will identify and solve business problems using database, spreadsheet, and accounting software. The student will research business opportunities, write project descriptions, develop a project using the application software, prepare user documentation and present the results in written form. The current packages in use are Microsoft Windows®, Microsoft Office® and CA Simply Accounting®.

Note : Effective September 2002 students can not receive credit for graduation purposes from the Marketing Management Diploma program for both CBSY 2305 and 2310

*Prerequisites: CBSY 1105 and (ACCT 1110 or ACCT 2293 or ACCT 1160)*

*Transferable (refer to transfer guide)*

**CBSY 2306 CR-3****Simply Accounting and Advanced Excel**

Students will learn how to solve business problems using Excel spreadsheets. Students will learn to use Simply Accounting to create accounts, define settings, record transactions, perform periodic processing and reporting within the General Ledger, Accounts Payable, Accounts Receivable, Payroll, Inventory and Project Modules. Students will learn to use the results of Simply Accounting reports in Excel spreadsheets to analyze data in support of business decision making.

*Prerequisites: CBSY 1105 and (ACCT 1110 or ACCT 2293)*

**CBSY 2310 CR-3****Advanced MS Office and Internet**

Students will learn to identify business problems and solve them using database, spreadsheet, word processing tools, Web page development and Internet browser software. They will integrate the various current software components of Microsoft Office®, FrontPage® and Netscape®/Internet Explorer® in solving these problems.

Note: Effective September 2002 students can not receive credit for graduation purposes from the Marketing Management Diploma program for both CBSY 2305 and 2310

*Prerequisites: CBSY 1105*

**CBSY 2405 CR-3****Accounting Information Systems**

Students will acquire a basic knowledge of computer-based information systems, how they are developed and managed, and their role in the performance of accounting functions.

*Prerequisites: CBSY 2205 and (ACCT 1210 or ACCT 2293)*

*Transferable (refer to transfer guide)*

**CBSY 3100 CR-3****Ethics in Information Technology**

Students will study a variety of ethical and technology topics such as e-commerce, privacy, Internet issues, surveillance, intellectual property, etc. They will acquire knowledge of the theory and practice of business ethics in relation to information technology (IT). Student will also examine social, political, ethical, moral philosophical and legal issues that arise with the use of computer technologies.

Note: Students coming in to this course should have some significant study and group work experience in order to be able to contribute to and succeed in the course.

*Prerequisites: (ENGL 1100 or CMNS 1140) and 60 credits of any 1100 higher university level courses*

## COMPUTER INFORMATION SYSTEMS (CISY)

**CISY 1105 CR-3****PC Hardware and Applications**

Students will develop a working knowledge of microcomputer hardware, operating systems and application software such as word processors, spreadsheets and database management systems in a windows graphical environment. They will research business opportunities, write project descriptions, and develop systems using the application software packages and prepare user documentation.

*Transferable (refer to transfer guide)*

**CISY 1113 CR-3****Principles of Program Structure and Design**

Students will learn the fundamental logic and structure of computer programs. They will develop skills on all aspects of the programming and problem-solving process including analyzing requirements, designing solutions, choosing user interface, coding, testing and documentation, with an emphasis on structured programming and modular design techniques. Students will be required to design and implement a software application using a .NET programming language.

**CISY 1212 CR-3****Systems Analysis and Design**

Students will study current strategies and techniques of systems analysis and design with an emphasis on the role of the systems analyst in an organization and the involvement of people in the overall process. Students will study: business as an information system, systems life cycle, project management, structured and object-oriented methodologies, information gathering techniques, analysis techniques, input design, output design, process modeling, data modeling and systems documentation.

**CISY 1213 CR-3****Operating Systems Principles and Applications**

Students will learn the fundamentals of operating systems, command line interfaces and system utilities. They will study the internal structures and operating principles common to all computer systems. They will work with single-user operating systems (DOS) as well as multi-user, multi-tasking systems (NT and Linux) with an emphasis on UNIX

*Prerequisites: CISY 1105 or CISY 1113*

**CISY 1215 CR-3****Data Communications and Networking**

Students will learn theoretical and practical aspects of data communications fundamentals and networking technologies within a local area network environment. They will gain hands-on experience on installation, configuration, and troubleshooting basic networking hardware and software. Students will also join the first and the second semester of the Cisco Networking Academy Program (CNAP) and work through a series of modules and labs regarding the basics of Ethernet technology, network media, routing fundamentals. Students will receive a certificate from Cisco upon successful completion of each of the two CNAP semesters.

*Prerequisites: CISY 1105 or CISY 1113*

**CISY 1218 CR-3****Internet Application Development**

Students will learn to plan, design, build, and deploy dynamic data-driven Web-based applications using the current Web development tools and methodologies. They will study the fundamental concepts in Web development such as Hypertext Markup Language (HTML), designing a web site using HTML tags and a Cascading Style Sheet (CSS) file, building a server-based website using ASP.NET, and providing back-end database support using ADO.NET. Students will be required to design and implement a server-side, data-driven e-Commerce Web site using ASP.NET and ADO.NET

*Prerequisites: CISY 1113*

**CISY 1220 CR-3****Foundations in Applied Computing**

The students will learn the basic mathematical concepts which form the foundations of computing systems. They will be able to apply mathematical logic and methods to software development. They will learn the principles and applications of discrete mathematics, data organization, data representation and machine instructions.

*Prerequisites: PHIL 1150*

**CISY 2311 CR-3****C/C++ Programming**

Students will learn to program in the C/C++ language. Students will learn the syntax, structures and features of C++, with an introduction to C. Modular Program Design and Structured Programming Style will be stressed throughout the course. Students will learn and use Object Oriented Design and programming techniques.

*Prerequisites: CISY 1113*

**CISY 2312 CR-3****Systems Development Methodologies**

Students will learn contemporary software systems development using object-oriented methods. They will gain experience in applying the Unified Modeling Language (UML) to model software systems, and they will implement software systems with an object-oriented programming language. Students will be required to develop a business application for a real-life business using UML and an object-oriented programming language.

*Prerequisites: CISY 1113 and CISY 1212*

**CISY 2313 CR-3****Data Communications**

Students will learn the concepts, terminology, and capabilities of modern data communication networks. They will study topics on communications hardware and software components, layered network architectures, communication protocols and standards, data security and router protocols.

*Prerequisites: CISY 1215*

**CISY 2314 CR-3****Database Management Systems**

Students will learn the concepts and theory of database models, with particular emphasis on the relational model. They will learn and practice good database design utilizing Entity-Relationship Modeling, the analysis of functional dependencies, and database table normalization. Students will learn Structured Query Language (SQL) and use SQL statements to design, query and maintain databases.

*Prerequisites: CISY 1212 and CISY 1113*

**CISY 2315 CR-3****Data Structure**

Students will learn the data structures and associated algorithms commonly used in system development. They will learn Application of Linked Lists, Stacks, Queues, Binary Trees, Balanced Trees, Searching of Trees, Lists, Inverted Lists, Multi-lists and Graphs. These are the fundamental tools available for contemporary programming languages for implementation of complex algorithms.

*Prerequisites: CISY 2311*

**CISY 2411 CR-3****GUI and Object-Oriented Programming**

Students will learn the principles and concepts of programming using Java through a series of assignments and a major project. They will document and present the project results and conduct formal reviews with their peers.

*Prerequisites: CISY 1113 or CISY 2311*

**CISY 2412 CR-3****Emerging Technologies**

Students will learn the current developments in information technologies and the fundamental concepts underlying them. They will review selected topics such as: Web Programming, E-commerce, Database Connectivity and Network and Storage Technologies. Students will examine these concepts and use appropriate techniques to develop information systems.

*Prerequisites: CISY 1218 and CISY 2313 and CISY 2411*

**CISY 2413 CR-3****CASE and 4GL Implementation**

Students will learn the key concepts of Computer-Aided Software Engineering (CASE) and Fourth Generation Languages (4GL). They will study the purposes of CASE and its relationships with software development methodologies, program development environment and application development platforms. Students will be required to carry out practical projects using contemporary CASE and 4GL tools.

*Prerequisites: CISY 2312*



### **CISY 2414 CR-3**

#### **Management of Information Systems**

Students will learn the organization, planning and control of information systems, including: Strategic Plan, Contingency Plans, Security Plans, Evaluation of Information Systems, Project Management, Work Place Ergonomics, Human Factors and Systems Maintenance. They will also study the application of selected management science techniques such as Critical Path Method, Queuing Models, Inventory Control Models, Linear Programming and Transportation Methods.

*Prerequisites: CISY 2312*

### **CISY 2415 CR-3**

#### **Computer Project**

Students will be assigned to real-world computer projects on a team basis. They will integrate computer and business concepts as learned in previous courses and build on their experience in the issues of group dynamics.

*Prerequisites: CISY 2312 and CISY 2314 and CISY 2311*

## **COMPUTER SCIENCE (CPSC)**

### **CPSC 1100 CR-3**

#### **Introduction to Computer Literacy**

Students will learn concepts and trends in computer science. Students will gain an understanding of the terminology, current issues and changes in the technology of computing. Students will learn to use major application packages, such as word processing, spreadsheet and relational database. Students will develop structured programs using Visual Basic for Applications. Students will also examine social and ethical issues in computing.

*Transferable (refer to transfer guide)*

### **CPSC 1103 CR-3**

#### **Introduction to Computer Programming I**

Students will learn fundamental programming concepts using the C++ programming language. Principles of problem solving and algorithm design will be introduced as well as basic techniques for data representation and manipulation. Students will learn how to design, develop, test and document well-structured programs.

*Prerequisites: C+ in Math 12 or B in CPSC 1100 or B in CISY 1105 or B in CBSY 2205 or equivalent*

*Transferable (refer to transfer guide)*

### **CPSC 1204 CR-3**

#### **Introduction to Computer Programming II**

Students will learn fundamental programming design and implementation concepts and skills in the context of Java. Students will review elementary concepts, study more advanced data types such as: data structures, program design techniques, object-oriented design and programming. Students will also be introduced to concepts and design principles of graphical user interfaces. Students will learn methods for good design and style.

*Prerequisites: CPSC 1103*

*Transferable (refer to transfer guide)*

### **CPSC 1250 CR-3**

#### **Introduction to Computer Design**

Students will study the fundamental principles of computer processing hardware, including digital logic circuit design, data representation, memory structure and organization, and program execution. They will also learn to design and implement assembly language programs.

*Prerequisites: CPSC 1103*

### **CPSC 2302 CR-3**

#### **Data Structures and Program Organization**

Students will learn fundamental tools of data and program organization, including structured problem solving, data abstraction and object-oriented programming. They will develop and practice skills in formulating ideas into algorithms, in refining algorithms into well-structured programs for solving practical problems, and in using analysis tools to make knowledgeable choices as to the best data structure for a particular application.

*Prerequisites: CPSC 1204 or (CISY 1113 and CISY 2311)*

*Transferable (refer to transfer guide)*

### **CPSC 2405 CR-3**

#### **Introduction to Discrete Mathematics I**

This course introduces students to applications of discrete mathematics in computing science. Mathematical concepts such as set theory, logic, formal reasoning, induction, counting, relations and functions, formal languages, automata theory and graph theory are the main focus.

*Prerequisites: CPSC 1103 or (B in Computer Science 12 and C+ in Math 12)*

*Transferable (refer to transfer guide)*

## **COUNSELLING PSYCHOLOGY (CNPS)**

### **CNPS 3310 CR-3 (formerly LCOM 3310)**

#### **Theories of Counselling**

Students will be introduced to major theoretical approaches that underlie the work of counsellors. They will examine psychodynamic, behavioral, cognitive, existential, phenomenological, school-based, post-modern, and family systems theoretical frameworks in their broad sociological, historical, and philosophical contexts, while critically evaluating their own assumptions regarding health, dysfunction, and change.

Note: Students may get credit for only one of CNPS 3310 or LCOM 3310 as these are identical courses.

*Prerequisites: 45 credits at 1100-level or higher*

*Transferable (refer to transfer guide)*

### **CNPS 3320 CR-3 (formerly LCOM 3320)**

#### **Career Counselling and Career Education**

Students will develop a broad understanding of major theories of career development and related assessments. They will explore historical and cross-cultural perspectives on the meaning of work and considerations for career development, counselling, and education with diverse populations and in diverse settings (i.e., elementary, secondary, post-secondary, and community agencies). Students will also critically examine moral and ethical issues related to this work, and they will apply theoretical concepts to their own process of career development.

Note: Students may get credit for only one of CNPS 3320, EDUC 3320 or LCOM 3320 as these are identical courses.

*Prerequisites: At least 45 credits of coursework completed at the 1100-level or higher*

*Transferable (refer to transfer guide)*

**CNPS 3330 CR-3 (formerly LCOM 3330)****Cultural Considerations in Counselling**

Students will be introduced to issues of diversity as they pertain to the helping professions in contemporary multicultural societies. They will develop an understanding of the situated nature of identity, examine the relationship between cultural assumptions and the counselling process, and explore Western and non-Western conceptions of psychological health and healing. Students will also examine issues of cultural competence and engage in reflection regarding their own assumptions, strengths, and challenges in relation to living and working in a pluralist society.

Note: Students may get credit for only one of CNPS 3330 or LCOM 3330 as these are identical courses.

*Co-requisites: EDUC 2220 EDUC 2220*

*Transferable (refer to transfer guide)*

**CNPS 4300 CR-3 (formerly LCOM 4300)****Counselling Relationships and Basic Skills**

Students will examine how helping relationships are developed and learn basic interviewing skills. They will learn active listening skills and examine the values, knowledge, and abilities necessary for communicating in a professional helping context. Students will participate in role-plays and simulated helping interactions including video recording to receive feedback on their communication skills.

Note: Students may get credit for only one of CNPS 4300 or LCOM 4300 as these are identical courses.

*Prerequisites: LCOM 3310 or CNPS 3310*

*Transferable (refer to transfer guide)*

**CNPS 4310 CR-3 (formerly LCOM 4310)****The Reflective Practitioner**

Students will survey a range of helping services and be introduced to their philosophical underpinnings and practices. They will examine their own expectations, assumptions, and developmental issues in becoming a helping professional through the process of journaling, reflection, and reading. Students will examine both theoretical and pragmatic issues related to reflective practice and ongoing self-supervision. They will consider professional issues in dealing with challenging clients, power struggles, boundaries, and counsellor over-involvement. Students will consider the occupational hazards associated with the helping profession and personal needs for self-care.

Note: Students may get credit for only one of CNPS 4310 or LCOM 4310 as these are identical courses.

*Prerequisites: LCOM 3310 or CNPS 3310*

*Transferable (refer to transfer guide)*

**CNPS 4330 CR-3 (formerly LCOM 4330)****Group Facilitation**

Students will learn a wide spectrum of both theoretical and experiential approaches to group facilitation, with particular emphasis on core facilitation skills. They will examine group dynamics and evolution, interpersonal relationships (e.g., conflicts, alliances and other structures), leadership styles, curriculum development, and the role of health and healing practices. Students will develop effective facilitation strategies through achieving greater self-awareness and active sensing. They will also learn about the emerging models of group work which focus on collaboration, community-building and creativity.

Note 1: This is a seminar course.

Note 2: Students may get credit for only one of CNPS 4330 or LCOM 4330 as these are identical courses.

*Prerequisites: 60 credits of 1100-level or higher courses*

*Transferable (refer to transfer guide)*

**CREATIVE WRITING (CRWR)****CRWR 1100 CR-3****Introduction to Creative Writing I**

Students will study and apply the fundamental techniques of writing fiction and poetry. They will also read and critique assigned published works, as well as the works of their peers.

*Prerequisites: An English 12 grade B or higher or ENGL 1099 or ENGQ 1099 grade of C or ( ABEE 0091 or PSPE 1091 or ENGP 1091) or Kwantlen English Placement Test placement or an LPI Essay score of 26*

*Transferable (refer to transfer guide)*

**CRWR 1110 CR-3****Introduction to Creative Writing II**

Students will study and apply the fundamental techniques of writing drama (stage plays, or radio plays, or screenwriting), and will continue developing their skills in the writing of fiction and poetry.

*Prerequisites: CRWR 1100 with a C+*

*Transferable (refer to transfer guide)*

**CRWR 1240 CR-3****Writing for New Forms and Media**

Students will learn and practice new forms of creative writing such as collaborative composition, writing for new and social media, blogging, and writing for digital publications. They will study emerging uses of online technologies and will learn writing skills through individual composition, group work, and the development of electronic portfolios.

NOTE: Students may earn credits for only one of CRWR 1240 or IDEA 1240, as they are the same course.

*Transferable (refer to transfer guide)*

**CRWR 2300 CR-3****Drama, Fiction and Poetry I**

Students will pursue writing in the genre of their choice in an open-workshop setting. In consultation with the instructor, participants will undertake individualized programs of study which include writing, reading, revision of their own work, and critiquing of their peers' work.

*Prerequisites: CRWR 1110 with a C+*

*Transferable (refer to transfer guide)*

**CRWR 2310 CR-3****Drama, Fiction and Poetry II**

Students will continue to develop their writing skills in the genre of their choice in an open-workshop setting. In consultation with the instructor, participants will undertake individualized programs of study which include writing, reading, revision of their own work, and critiquing of their peers' work.

*Prerequisites: CRWR 2300 with a C+ Transferable (refer to transfer guide)*

**CRWR 3100 CR-3****Techniques in Short Fiction**

Students will study, develop, and practice the various techniques of the short fiction. They will apply that genre knowledge through a critical examination of short fiction by established authors.

*Prerequisites: CRWR 2300 or CRWR 2310 or CRWR 3101*

**CRWR 3110 CR-3****Poetic Forms and Techniques**

Students will learn advanced poetic techniques through lectures and the study of the poetic traditions. They will also develop and practice techniques through the writing and workshopping of their poems.

*Prerequisites: 6 credits of either CRWR or ENGL at the 1100 level*

**CRWR 3120 CR-3****Screenwriting I**

Students will develop and practice screenplay-writing techniques and revision skills through the writing of their own work, and through the critique of their peers' work, in a combination lecture/workshop setting. They will develop their original screenplay ideas from pitch to treatment, and will analyze films and screenplays from a writer's perspective through close reading, informed discussion, and writing.

*Prerequisites: 6 credits of either CRWR or ENGL at the 1100 level Transferable (refer to transfer guide)*

**CRWR 3130 CR-3****Creative Non-Fiction I**

Students will develop and practice writing, reading, and revision of creative non-fiction (personal essay, memoir and literary travelogue) through the writing of their own work, and through the critique of their peers' work, in a combination lecture/workshop setting. Students will also analyze published creative non-fiction from a writer's perspective through close reading, informed discussion, and writing.

*Prerequisites: 6 credits of either CRWR or ENGL at the 1100 level*

**CRWR 3200 CR-3 (formerly CRWR 3101)****Short Fiction**

Students will practice writing, reading, and revision of short fiction through the writing of their own work, and through the critique of their peers' work, in a combination lecture/workshop setting. They will also analyze published short fiction from a writer's perspective through close reading, informed discussion, and writing.

*Prerequisites: CRWR 3100 Transferable (refer to transfer guide)*

**CRWR 3210 CR-3****Advanced Poetic Forms and Techniques**

Students will learn the function of form in poetry through lectures and the study of poetic traditions. They will also develop and practice form through the writing and workshopping of their poems.

*Prerequisites: CRWR 3110 with a B-*

**CRWR 3220 CR-3****Screenwriting II**

Students will continue to develop and practice screenplay-writing techniques and revision skills through the writing of their own work, and through the critique of their peers' work, in a combination lecture/workshop setting. They will develop their original treatments into screenplays, and will analyze films and screenplays from a writer's perspective through close reading, informed discussion, and writing.

*Prerequisites: CRWR 3120 with a B- Transferable (refer to transfer guide)*

**CRWR 3230 CR-3****Creative Non-Fiction II**

Students will continue to develop and practice writing, reading, and revision of creative non-fiction through the writing of their own work, and through the critique of their peers' work, in a combination lecture/workshop setting. Students will also analyze published creative non-fiction from a writer's perspective through close reading, informed discussion, and writing.

*Prerequisites: CRWR 3130 with a B-*

**CRWR 3301 CR-3****Mythological Narratives**

Students will apply the writing skills necessary to adapt mythological strategies to their own compositions. They will learn about the mythological traditions that are the foundation of almost all world literatures. Students will contextualize their own work within the contemporary, multicultural streams of mythological writing, and will broaden their understanding of the roots of creative writing.

*Prerequisites: 30 credits of 1100-level (including ENGL 1100) or higher courses Transferable (refer to transfer guide)*

**CRWR 3302 CR-3****Themes in Literary Writing**

Students will learn about established and developing themes and ideas in literary work while studying relevant aspects of craft chosen by the instructor such as intention, process, technique and response. They will also develop and practice relevant creative writing techniques and strategies in relation to their own writing. Note: Themes in Literary Writing is a creative writing course that focuses on a different genre, theme or aspect of literary writing each time it is offered.

*Prerequisites: 30 credits of 1100-level or higher courses, including 3 credits of ENGL or CRWR Transferable (refer to transfer guide)*

**CRWR 4100 CR-3****Advanced Short Fiction**

Students will develop and practice writing, reading, and revision of short fiction on a sustained project, or series of projects, of their choice. They will critique their peers' work, in a workshop setting. Students will also analyze published short stories from a writer's perspective through close reading, informed discussion, and writing.

*Prerequisites: CRWR 3200*

*Transferable (refer to transfer guide)*

**CRWR 4110 CR-3****Advanced Poetry Workshop I**

Students will develop and apply advanced poetic techniques and forms, and reading and revision skills through the writing of their own work in an individual project, and they will also discuss and analyze assigned readings of poetry and poetics. Primarily, they will create a project proposal, and then work toward a substantial poetry portfolio which will be intensively revised.

*Prerequisites: CRWR 3210*

*Transferable (refer to transfer guide)*

**CRWR 4120 CR-3****Advanced Screenwriting**

Students will continue to develop and practice screenplay-writing techniques, and reading and revision skills through the writing of their own work, and through the critiquing of their peers' work, in a workshop setting. They will create a speculative television script for a possible series, or a feature-length screenplay. Students will form and develop guidelines for effective criticism and revision of their writing through analysis and discussion.

*Prerequisites: CRWR 3220 or permission of instructor (Note: For permission of instructor students are required to have CRWR 3120 AND sample screenplay portfolio.)*

*Transferable (refer to transfer guide)*

**CRWR 4130 CR-3****Advanced Creative Non-Fiction I**

Students will develop and practice writing, reading, and revision of creative non-fiction on a sustained project, or series of projects, of their choice. They will critique their peers' work in a workshop setting. Students will also analyze published creative non-fiction from a writer's perspective through close reading, informed discussion, and writing.

*Prerequisites: CRWR 3230*

*Transferable (refer to transfer guide)*

**CRIMINOLOGY (CRIM)****CRIM 1100 CR-3****Introduction to Criminology**

Students will examine the core concepts, basic data sources, and general research findings in the field of criminology, with particular attention to Canadian developments. They will study elements of continuity and discontinuity between traditional and contemporary theories of crime, deviance, criminality, and social control. Students will also be exposed to the major forms of criminal behaviour.

*Transferable (refer to transfer guide)*

**CRIM 1101 CR-3****Introduction to the Criminal Justice System**

Students will study the various components that form the processes by which Canada responds to criminal behaviour. They will survey each of these components, such as the police, courts, and corrections, and will evaluate their impact on achieving justice.

*Transferable (refer to transfer guide)*

**CRIM 1107 CR-3****Canadian Legal Systems**

Students will study Canada's two legal systems with emphasis on the common law system, and will examine the nature and role of law in society, and the different ways law is made. They will study the court system and processes, the selection and role of judges, and the duties and requirements of lawyers. Students will learn basic concepts in constitutional, contract, tort, administrative, and human rights law, and basic techniques of legal research and reasoning.

*Transferable (refer to transfer guide)*

**CRIM 1207 CR-3****Introduction to Criminal Law**

Students will study the elements of criminal offenses and defenses in statute and case law in Canada. They will examine the historical, philosophical, and social roots of current criminal law and their impact on the definition of crime in Canada. Students will study how criminal law issues have been defined in the past, and how the Charter of Rights and Freedoms has contributed to the resolution of some issues and created new ones.

*Prerequisites: CRIM 1107*

*Co-requisites: CRIM 1101 CRIM 1101*

*Transferable (refer to transfer guide)*

**CRIM 1208 CR-3****Methods of Research in Criminology**

Students will examine the basic methods of research frequently employed in the field of criminology. They will study the connection between theory and research, key elements of deductive and inductive approaches, quantitative and qualitative analytic strategies, and ethical issues in research.

*Prerequisites: CRIM 1100 and CRIM 1101*

*Transferable (refer to transfer guide)*

**CRIM 1215 CR-3****Interpersonal and Professional Development**

Students will be introduced to the values and skills essential to working competently and ethically in justice and human service systems. They will learn and practice various aspects of interpersonal communication, including effective listening, empathic engagement, appropriate self-disclosure, ethical decision making, teambuilding, advocacy skills, and interviewing techniques. Students will focus on self-awareness, critical thinking, and reflection, while embracing the values of diversity and humility. They will be active participants, engaging in experiential exercises and various practice sessions throughout the course.

*Transferable (refer to transfer guide)*

**CRIM 2103 CR-3****Quantitative Data Analysis I**

Students will explore the logic and techniques of quantitative data analysis in criminal justice research, focusing on both descriptive and inferential statistics. They will, through the use of computer software, prepare data sets for analysis and describe and interpret univariate distributions and bivariate relationships.

*Prerequisites: CRIM 1208*

*Transferable (refer to transfer guide)*

**CRIM 2204 CR-3 (formerly CRIM 1204)****Criminal Justice and Psychology**

Students will critically examine and evaluate the Canadian criminal justice system from a legal psychological perspective. They will study the structure and functions of the criminal justice system and its principal participants by examining current knowledge in the field of forensic and social psychology. Students will analyze theories and research relevant to the role of the police, prosecutor, defence lawyer, judge, jury, witness, and defendant. They will review the relevance and admissibility of psychological knowledge in criminal adjudications through case law analysis. Students will also explore the influences on the criminal justice process from the community, the public, and the media.

*Prerequisites: CRIM 1101 (CRIM 1107 and CRIM 1202 recommended)*

**CRIM 2205 CR-3****Crime, Criminal Justice, and the Media**

Students will critically examine the various ways in which crime and criminal justice are constructed in the media. They will explore crime and criminal justice representations in various media including films, television, print, and new media. Students will analyze how media constructions influence and shape historical and contemporary perceptions of crime and justice issues.

*Prerequisites: CRIM 1100*

*Transferable (refer to transfer guide)*

**CRIM 2211 CR-3 (formerly CRIM 1211)****Introduction to Policing**

Students will examine the organization, structure, and operation of Canadian policing. They will analyze police history, the police role, subculture, powers, and exercise of discretion. Students will critically analyze police procedures, operations, and management.

*Prerequisites: CRIM 1101*

*Transferable (refer to transfer guide)*

**CRIM 2213 CR-3 (formerly CRIM 1213 This course is being discontinued effective May, 2012)****Women, Girls, and Crime**

Students will develop an historical and analytical overview of the female offender and female victimization. They will take into account the function of gender in criminality and victimization and the social responses to crime and victimization. Students will examine various theories of female crime and delinquency, with an emphasis on feminist theories. They will focus on patterns of control and punishment for women and girls and the specific crimes for which women and girls are most often convicted.

*Prerequisites: CRIM 1100 or 1101*

*Transferable (refer to transfer guide)*

**CRIM 2214 CR-3****Corrections: Theory and Practice**

Students will develop a basic understanding of the history of corrections, correctional theory, contemporary correctional organization and the interaction of various correctional agencies, gender issues in corrections, trends in correctional practice in western societies, and restorative justice. They will also examine power dynamics and violence within correctional settings, and will examine the experiences and ideas of staff and convicts. The central focus of the course will be on North American corrections, with reference to international developments

*Prerequisites: CRIM 1100 and CRIM 1101*

*Transferable (refer to transfer guide)*

**CRIM 2249 CR-3 (formerly CRIM 1249)****Youth Justice**

Students will study the definition and control of youth misconduct in an historical and contemporary context. They will become familiar with the ways in which the definition of youth delinquency changes with shifting philosophical and socio-political circumstances with an emphasis on how these circumstances play out in a Canadian context. Students will critically analyze theories of juvenile delinquency. They will assess the social impact of programs and services implemented to deal with young offenders.

*Prerequisites: CRIM 1101*

*Transferable (refer to transfer guide)*

**CRIM 2311 CR-3****Police Administration and Management**

This course complements Introduction to Law Enforcement (CRIM 1211). The emphasis will be on the organizational dynamics of law enforcement as opposed to a focus on the role of police in society. This change in focus will enable the law enforcement student to attain a broader and more balanced perspective concerning the delivery of police service in contemporary society.

*Prerequisites: CRIM 1211*

*Transferable (refer to transfer guide)*

**CRIM 2330 CR-3****Psychological Explanations of Criminal Behaviour**

Students will receive an introduction to and critical examination of neurophysiological, bio-genetic, psychiatric, and psychological explanations of deviant and criminal behaviour. Special attention will be given to research that is exploring associations between criminality and genetics, brain chemistry, the endocrine system, mental disorders, personality, moral development and various forms of social learning.

*Prerequisites: PSYC 1100*

*Transferable (refer to transfer guide)*

**CRIM 2331 CR-3****Sociological Explanations of Criminal Behaviour**

This course will introduce students to sociological perspectives on the extent and distribution of crime and deviant behaviour in modern society. The logic underlying perspectives such as strain theories, cultural deviance, and conflict theories, interactionist theories, phenomenological and feminist theories, control theory and critical theory will be explored with a view to critical assessment.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**CRIM 2341 CR-3****Canadian Criminal Justice Administration**

Students will examine issues in the administration of criminal justice in Canada with regard to accountability, change and impact. They will use theories of the state and society to analyze criminal justice events, institutions and processes, and will examine the creation of public opinion and the influence of social, political and other groups. Students will compare the responses of the judiciary, the administration, and the legislature to the development of criminal justice policy and will consider the impact and application of scholarly research and views on policy development.

*Prerequisites: CRIM 1101 and CRIM 1107*  
*Transferable (refer to transfer guide)*

**CRIM 2355 CR-3****Police Deviance and Accountability**

This course will describe and analyze the issue of police accountability. Issues to be addressed include a look at the social, political, organizational and psychological factors which contribute to police deviance. Specific subject matters to be covered include: corruption, perjury, the use of excessive force, and personal or family repercussions of work pressures. Systemic racial and class discrimination will be examined. Emphasis will be placed on the unique Canadian aspects of this topic. The course analyzes our society's response to police deviance.

*Prerequisites: CRIM 1101*  
*Transferable (refer to transfer guide)*

**CRIM 3000 CR-3****Justice/Injustice**

Students will critically examine the concept of justice with respect to ongoing struggles for a just society. They will use a historical overview to explore how contemporary societies position themselves in relation to justice and injustice, including colonialism, post-colonialism, globalization, and counter-hegemonic movements. Students will be provided an opportunity to deconstruct taken for granted notions of how "justice" has become embedded in contemporary society. They will critically examine the interface between individual, collective, institutional, and global forces, and their impact on justice-related issues. Students will focus on the following paradigms of justice: social, restorative, retributive, distributive, and community. They will gain a critical understanding of the relationship between justice and injustice using both theory and praxis, while working in the classroom and the field.

NOTE: This is a seminar course.

*Prerequisites: CRIM 2341*

**CRIM 3100 CR-3****Advanced Theories of Crime and Community**

Students will critically examine theoretical and empirical issues in crime and community research. They will study the ways in which structural, cultural, and institutional components of communities impact crime and delinquency. Students will also examine the effect of crime and delinquency on communities.

*Prerequisites: CRIM 2330 and CRIM 2331*

**CRIM 3103 CR-3****Quantitative Data Analysis II**

Students will learn the important role that theory plays in guiding quantitative data analysis in criminal justice research. They will, through the use of computer software, use regression-based techniques to assess different types of variable relationships that are theorized in the field of criminology, including those that involve direct, indirect, and conditional effects.

*Prerequisites: CRIM 2103*

**CRIM 3104 CR-3****Qualitative Research Methods**

Students will learn the theory and practice of qualitative inquiry in criminological and criminal justice research. They will examine and assess data collection procedures that may include interviews, observation, and focus groups, and will evaluate strategies for organizing and analyzing qualitative data. Students will apply learned principles to selected examples.

*Prerequisites: CRIM 1208*

**CRIM 3111 CR-3****Contemporary Sociological Criminology**

Students will examine contemporary trends in sociological criminology. They will review current themes and debates arising from a variety of theoretical perspectives. Students also will explore how an increasing emphasis on integrative model building influences sociological thinking in criminology. They will critically assess policy implications arising from recent developments in sociological criminology.

Note: This is a seminar course.

*Prerequisites: 60 undergraduate credits including CRIM 2331*

**CRIM 3113 CR-3****Critical Criminology**

Students will examine the core elements of critical analysis within criminology and will assess their application to the study of crime and social control. They will differentiate between alternative critical perspectives in terms of underlying assumptions and conceptions of power and inequality in society.

*Prerequisites: CRIM 1100 and CRIM 2331*  
*Transferable (refer to transfer guide)*

**CRIM 3115 CR-3****Crime Mapping**

Students will examine the use of geographic information systems (GIS) techniques as applied to crime analysis and criminal investigations. They will critically analyze the developments within the past decade in the use of geographical concepts/methodology toward the spatial-statistical analysis of criminal activity. Students will conduct spatial analyses of criminal activity and criminal patterns via geographic software. They will critically analyze the interrelationships between various methodological and practical issues pertaining to applied crime mapping versus academic criminological spatial analyses.

*Prerequisites: CRIM 2103*  
*Transferable (refer to transfer guide)*

**CRIM 3118 CR-3****White-Collar and Corporate Crime**

Students will critically analyze conceptualizations of white-collar crime, corporate crime, and elite deviance. They will examine constructions of social harm and theoretical explanations of political, environmental, occupational, and corporate criminality. Students will study societal reactions to, and the prevention and regulation of, white-collar crime, corporate crime and elite deviance.

*Prerequisites: CRIM 1100 and (CRIM 2331 or CRIM 2341)*  
*Transferable (refer to transfer guide)*

**CRIM 3213 CR-3****Community Corrections**

Students will examine the role of community corrections as an alternative to incarceration and an approach to rehabilitation. They will critically analyze community corrections models and existing programs and sanctions as well as the advantages and disadvantages of working with offenders in community settings. Students will examine specific topics such as probation, the use and effectiveness of intermediate sanctions, conditional sentencing, conditional release options, community treatment programs, and restorative justice practices.

*Prerequisites: CRIM 2341*

**CRIM 3217 CR-3****Women, Crime, and Justice**

Students will develop an historical and analytical overview of female offending and female victimization. They will take into account the function of gender in criminality and victimization and the social responses to crime and victimization. Students will examine various theories of female crime and delinquency, with an emphasis on feminist theories. They will focus on patterns of control, punishment, policies and their implementation, as they affect women and girls in conflict with the law.

Note: This is a seminar course.

*Prerequisites: CRIM 2331 or CRIM 2341*

**CRIM 3249 CR-3****Issues in Youth Justice**

Students will critically and comparatively analyze current issues in youth justice. They will study issues such as the over-representation of aboriginal youth and/or other minority youth in the youth justice system, gender justice, models of youth justice, policy implications of theories of youth justice, sentencing youth, violent and/or persistent youth offenders, rehabilitation, and youth and the media.

*Prerequisites: (CRIM 1100 or CRIM 1101) and CRIM 2249 and CRIM 2331*  
*Transferable (refer to transfer guide)*

**CRIM 3302 CR-3 (formerly CRIM 1202)****Procedure and Evidence**

Students will learn the fundamentals of the law of criminal procedure and criminal evidence in Canada and will critically assess the policies behind the law. They will examine issues relating to charges, bail hearings, preliminary hearings, trials and appeals. Students will study the law on collecting and presenting evidence in light of current constitutional, statutory and common law limitations, and will compare criminal process with civil process.

*Prerequisites: CRIM 2341 and CRIM 1207*  
*Transferable (refer to transfer guide)*

**CRIM 3305 CR-3****Law and Society**

Students will learn about the relationship of law to different social and political structures. They will study the processes of making, enforcing and reforming law, from different sociological, historical, and jurisprudential perspectives. Students will study the development of public opinion about law within communities and in the broader society, and the role of public opinion in law reform. They will consider the role of legal reform in defining crime and deviance.

*Prerequisites: CRIM 2341 and (CRIM 2330 or CRIM 2331)*

**CRIM 3307 CR-3****Issues in Conflict Resolution**

Students will learn theories of conflict resolution and mediation. They will study emerging uses of conflict resolution and mediation in the criminal justice system and in other settings within the community. Students will engage in basic conflict resolution techniques and skills.

*Prerequisites: CRIM 2341 and (CRIM 2330 or CRIM 2331)*

**CRIM 3351 CR-3 (formerly CRIM 1251)****Philosophy of Law**

Students will study theories about the purpose and function of law from various historical eras. They will study major philosophical movements and perspectives on law including natural law, legal positivism, legal formalism, legal realism, law and economics and critical legal studies. Students will apply these philosophies and perspectives to current legal issues relating to topics such as rights, punishment and justice.

Note: this is a seminar course

*Prerequisites: CRIM 2341*

**CRIM 3512 CR-3****Mental Disorder and Canadian Law**

Students will critically examine the role mental disorder plays in Canadian civil and criminal proceedings. They will focus on the ways in which mentally disordered individuals are subject to different legal procedures and considerations in Canada. Students will examine the forensic assessment of mental disorder and its relationship to various legal standards and issues including civil commitment, the right to refuse treatment, fitness to stand trial, criminal responsibility, and dangerous and long-term offender hearings.

*Prerequisites: CRIM 2341*

**CRIM 3800 CR-6****Service Learning in Criminology and Justice**

Students will volunteer for a not-for-profit social service agency or other community group that is mandated to address issues related to criminology and/or social justice. They will integrate criminological theory, concepts, and methods with their own direct experience of working in a community agency. Students will also be involved in weekly classroom meetings with classmates to share experiences, self-reflections, and insights about their volunteer work. They will reflect on, and analyze, the connections and disconnections between 'academic' and other sources of knowledge at play at the community level.

Note: This is a seminar course combined with service learning.

Note: The volunteer placement will be established in advance in consultation with the instructor.

*Prerequisites: 45 credits at the 1100-level or higher, including CRIM 1215*

*Not Transferable*

**CRIM 4112 CR-3****Contemporary Psychological Criminology**

Students will study theoretical advancements that span a diverse spectrum of contemporary perspectives in psychological criminology. They will evaluate the explanatory scope and testability of models that examine a wide range of antisocial and criminal behaviour. Students will critically assess policy implications arising from recent developments in psychological criminology.

Note: This is a seminar course.

*Prerequisites: 60 undergraduate credits including CRIM 2330*

**CRIM 4150 CR-3****Directed Studies**

Students will carry out a detailed investigation of a criminological topic consisting of readings and research, under the supervision of a faculty member with expertise in the area. They will be required to identify relevant sources of information and to develop a comprehensive understanding of their topic, in addition to submitting a final assignment.

*Prerequisites: CRIM 2330 and CRIM 2331 and CRIM 2341*

**CRIM 4154 CR-3****Community Criminal Justice Project I**

Students will collectively participate in one or more stages of a community-based research project overseen by a faculty member. They will investigate, describe and analyze one or more criminal justice issues in the context of the specific community, drawing on historical sources, theory and comparable research from other projects and other communities. Students will identify and work with community stakeholders to communicate and evaluate their research findings

*Prerequisites: (CRIM 3103 or CRIM 3104 or PSYC 3300) and permission of the instructor*

**CRIM 4155 CR-3****Community Criminal Justice Project**

Students will participate in one or more stages of a research process within the context of a project overseen by a faculty member. They will conduct a literature review focusing on issues related to either the specific stage(s) of the research process in which they will be involved, or to the substantive focus of the research project. Students will relate their findings to research design, implementation, data analysis, and/or communication of results.

*Prerequisites: CRIM 3103 and CRIM 3104*

**CRIM 4201 CR-3****Community Safety and Crime Prevention**

Students will critically examine initiatives that can be undertaken at the community level to prevent crime and promote public safety. They will study crime prevention approaches that target elements of the built environment as well as the social and economic conditions that are linked to offending behaviour. Students will assess crime prevention and public safety not only in local neighbourhoods, but also at the municipal, provincial, national, and international levels.

Note: This is a seminar course.

*Prerequisites: CRIM 2331*

**CRIM 4235 CR-3****Minorities and the Criminal Justice System**

Students will critically analyze the practices of othering. They will learn how these practices separate, exclude and disempower based on profiles organized by race, ethnicity, nationality, gender, sexuality, religion, education, ability, socio-economic status and/or other such categorizations. Students will examine relations of power between minorities and majorities within and with the criminal justice system, investigating processes of criminalization, victimization, oppression, colonization and resistance.

Note: This is a seminar course.

*Prerequisites: CRIM 2331 or CRIM 2341*

**CRIM 4300 CR-3****Administrative and Regulatory Law**

Students will learn the principles of administrative law and consider the scope of their application in a wide variety of decision-making contexts. They will study the roles of decision-makers and advocates. Students will examine the concept of the public interest and the community interest and how it is defined and applied in individual cases. They will practice applying principles of administrative law in mock settings, both formal and informal.

*Prerequisites: CRIM 2341*

**CRIM 4301 CR-3****Community Advocacy and Human Rights**

Students will study the national and international evolution of human rights in public attitudes, political theory and practice. They will contrast ideas about individual human rights with collective rights, diversity and equality, paying specific attention to strategies used by Canada's First Nations and women. Students will become familiar with the legal framework of human rights in Canada, including provincial and federal legislation, the constitution, case law and international law and various means of articulating and advancing human rights claims and interests.

Note: This is a seminar course.

*Prerequisites: CRIM 2341*



**CRIM 4400 CR-3****Ethics and Professional Development**

Students will analyze critique and apply moral and ethical reasoning in preparation for their role as practitioners in the criminal justice field. They will examine contemporary ethical issues in the criminal justice system using an historical frame of reference as a theoretical foundation. Students will examine, develop and express their own positions relative to the ethical issues/dilemmas they may face as practitioners in the field. They will develop the written, oral, reasoning and interpersonal skills required to respond to ethically challenging situations in a competent and professional manner through simulations and written exercises.

Note: This is a seminar course.

*Prerequisites: CRIM 2341 and (CRIM 2330 or CRIM 2331)*

**CRIM 4410 CR-3****Policy and Program Evaluation**

Students will critically analyze the approaches to developing and conducting policy and program evaluations within the criminal justice system. They will examine quantitative, qualitative, and quasi-experimental methods for analyzing criminal justice initiatives, explore various goals and theories of evaluation, and learn how to interpret appropriately and communicate results. Students will analyze specific criminal justice policies and programs to illustrate possible alternative responses to social problems and the varying effects of criminal justice policies.

Note: This is a seminar course.

*Prerequisites: CRIM 2341 and (CRIM 2103 or PSYC 2300 or SOCI 2365 or MATH 1115)*

**CRIM 4800 CR-12****Practicum in Criminology and Justice**

Students will work within a criminal justice or community organization for one semester under the supervision of the faculty practicum coordinator and an agency representative. They will further their personal and professional development, integrating knowledge and skills acquired from the degree curriculum in the context of their practical field experience. Students will complete assignments addressing theoretical and practical issues relating to their placement, as well as attend periodic seminars as a class.

Note: Students must work with the faculty practicum coordinator to obtain a mutually agreed upon placement at the beginning of the semester prior to the start of this course as it is a competitive process and a placement cannot be guaranteed.

*Prerequisites: CRIM 4400; 90 course credits; Permission Department Level Advisor*

**CRIM 4900 CR-3****Special Topics**

Students will examine a selected topic in criminology, criminal justice, or law and advocacy. They will critically analyze relevant literature and develop a comprehensive understanding of the topic. Students will examine and evaluate recent developments in the specific field, assess the implications of these developments, and identify future directions of research or policy development.

Notes: The area of study will be established in advance by the department. Please check with the department for proposed offerings. This is a seminar course.

*Prerequisites: 45 credits at the 1100-level or higher, including CRIM 1100 or CRIM 1101*

*Transferable (refer to transfer guide)*

**CRIM 5000 CR-3****Honours Thesis I**

Students will carry out a detailed investigation of a topic of criminological interest. They will conduct the investigation, under the supervision of a faculty member with expertise in the area, in the form of a literature review. Students will identify and review relevant sources of information to develop a comprehensive understanding of their topic. They will submit to their Honours supervisor a final paper reviewing the literature relating to their topic and identifying potential research questions for further investigation.

NOTE: The literature review and the research issues identified in this course will be used for the completion of a research proposal in CRIM 5010 and completion of a thesis in CRIM 5020.

*Prerequisites: CRIM 3103 and CRIM 3104 and permission of the instructor*

*Co-requisites: CRIM 5010 CRIM 5010*

**CRIM 5010 CR-3****Honours Seminar**

Students will critically analyze issues relating to the conduct of research in criminology, beginning with the development of research questions through to the dissemination of research results in academic journals and at conferences. They will write a proposed research design or method of inquiry to investigate a specific research hypothesis or issue. Students are expected to present their research proposal to their supervising committee in an open forum.

NOTE: This is a seminar-based course. The research proposal for this course is based on an examination of the literature carried out in CRIM 5000 and will be used for the subsequent completion of CRIM 5020.

*Prerequisites: CRIM 3103 and CRIM 3104 and permission of the instructor*

*Co-requisites: CRIM 5000 CRIM 5000*

**CRIM 5020 CR-6****Honours Thesis II**

Students will carry out the original research project proposed in CRIM 5010 under the supervision of a faculty member with expertise in the area selected. They will, using appropriate methods, collect and interpret data, and write a thesis on the results of the project. Students will orally defend their thesis in an open forum.

*Prerequisites: CRIM 5000 and CRIM 5010 and permission of the instructor*

**CRITICAL CARE NURSING (CCNG)****CCNG 5000 CR-1****Professional Issues in Critical Care Nursing**

Students will examine their current practice and explore complex concepts and issues of adult critical care nursing. They will begin to transition their nursing practice into an evidence-based critical care nursing practice. Students will develop an understanding of the scope of a critical care nurse and begin to develop a nursing framework tool to use in their practice.

*Co-requisites: CCNG 5010 and CCNG 5020 or with the permission of the instructor CCNG 5010 and CCNG 5020 or with the permission of the instructor*

### **CCNG 5010 CR-3.5**

#### **Critical Care Nursing Theory 1**

Students will draw from experience and expand on their knowledge of the anatomy, physiology, pathophysiology, supporting labwork and pharmacology of the cardiovascular, hematological and immunological systems. They will integrate this knowledge to application of a nursing decision-making framework in critical care environments.

*Co-requisites: CCNG 5000 and CCNG 5020 or with the permission of the instructor CCNG 5000 and CCNG 5020 or with the permission of the instructor*

### **CCNG 5020 CR-3**

#### **Critical Care Nursing Practice 1**

Students will recognize and interpret basic cardiac rhythms and dysrhythmias as well as basic 12-lead electrocardiograms. They will have practice experience in the lab to learn advanced nursing skills common to critical care settings. Students will use a simulator for practice and competency testing. They will complete two hospital clinical placements; one in a coronary care unit and the other in a critical care step-down unit.

*Co-requisites: CCNG 5000 and CCNG 5010 CCNG 5000 and CCNG 5010*

### **CCNG 5030 CR-2**

#### **Critical Care Nursing Theory 2**

Students will draw from experience and expand on their knowledge of the anatomy, physiology, pathophysiology, supporting labwork and pharmacology of the pulmonary and neurological systems. They will integrate this knowledge to application of a nursing decision-making framework in critical care environments.

*Prerequisites: CCNG 5010*

### **CCNG 5040 CR-2**

#### **Critical Care Nursing Theory 3**

Students will draw from experience and expand on their knowledge of the anatomy, physiology, pathophysiology, supporting labwork and pharmacology of the gastrointestinal, endocrine and renal systems. They will learn about the care of clients with sepsis, shock, multisystem organ dysfunction, trauma, burns, surgery, ineffective thermoregulation and obstetrical emergencies. Students will integrate this knowledge to application of a nursing decision-making framework in critical care environments.

*Prerequisites: CCNG 5000 and CCNG 5010 and CCNG 5020  
Co-requisites: CCNG 5050 CCNG 5050*

### **CCNG 5050 CR-5.5**

#### **Critical Care Nursing Practice 2**

Students will practice in the lab and clinical settings to consolidate advanced critical care nursing skills. They will learn Advanced Cardiac Life Support (ACLS) theory and skills to current ACLS standards. Students will use simulators and case scenarios to integrate course theory and skills into practice.

*Prerequisites: CCNG 5000 and CCNG 5010 and CCNG 5020  
Co-requisites: CCNG 5040 CCNG 5040*

## **CULTURAL STUDIES (CUST)**

### **CUST 1200 CR-3**

#### **Introduction to Contemporary Japanese Society and Culture**

Students who have an interest in Japan, but little or no background in Japanese studies, will gain a broad overview of contemporary Japanese society and culture. They will read, watch, listen to, discuss, and write about a variety of materials introducing topics such as Japan's geography, history, customs and events, social structure, religion, family, demographics, regional cultures, minority groups and subcultures, politics, economy, sports, literature and arts.

NOTE: Students may earn credit for only one of CUST 1200 and JAPN 1200 as they are identical courses.

*Transferable (refer to transfer guide)*

### **CUST 2147 CR-3**

#### **Issues in Contemporary Art I**

Students will study theoretical issues relevant to the production and reception of visual art and popular culture in the last 35 years, including debates around semiotics, modernism/postmodernism, feminism(s), postcolonialism, and the attendant politics of identities produced through structures of race, class, gender and sexual preferences/practices. Students will examine the emergence of new technologies and their use in art practices. Students will visit exhibition venues, including public museums and galleries, commercial galleries and artist run centres.

NOTE: This is a seminar-based course.

Students may earn credit for only one of FINA 2147 and CUST 2147 as they are identical courses.

*Prerequisites: One of ARTH 1120 or ARTH 1121 or FINA 1165 or ENGL 1100 or by permission of the instructor*

*Transferable (refer to transfer guide)*

### **CUST 3100 CR-3**

#### **Interdisciplinary Expressive Arts 1**

Students will learn about the history, philosophy, and current application of interdisciplinary approaches within the expressive arts. They will develop interdisciplinary skills in creativity and academic inquiry, will become familiar with multiple expressive modalities (creative writing, music, movement, fine arts, theatre, expressive arts therapies, storytelling, photography, film making, etc.) and will explore the application of those modalities in an integrated learning environment.

NOTE: Students may earn credits for only one of CUST 3100 or IDEA 3100, as they are the same course.

*Prerequisites: 30 credits of 1100-level or higher courses*

**CUST 3147 CR-3****Issues in Contemporary Art II**

Students will expand their knowledge of issues in the field of contemporary art. They will explore principles of critical and cultural studies that inform contemporary art praxis. Students will actively participate in this seminar-based course, which is structured around a series of required readings and facilitated discussions, supplemented by relevant slides, video and digital materials. Students will also go on local field trips to galleries, museums and artist run centres.

NOTE: Students may earn credit for only one of FINA 3147 and CUST 3147 as they are identical courses.

*Prerequisites: FINA 2147/CUST 2147 or ARTH 2122 or ARTH 2222 or ANTH 2120*

*Transferable (refer to transfer guide)*

**CUST 3300 CR-3****German Culture through Film**

Students will view subtitled German films and read excerpts in translation from works of Germanic historiography, philosophy, psychology, and sociology, which highlight the key issues in the cultural history of the German-speaking countries. They will then apply critical reading, viewing, and writing strategies as they examine and evaluate the central concepts and themes used to organize Germanic cultural history, as well as the ways in which textual and visual media create, enforce, and challenge these assumptions.

NOTE: Students may earn credit for only one of CUST 3300 and GERM 3300 as they are identical courses.

*Prerequisites: ENGL 1100 and (one of ENGL 1202, ENGL 1204, CRWR 1100, FINA 1121) and 3 credits from any 2000-level course or higher*

*Transferable (refer to transfer guide)*

**CUST 3310 CR-3****Japanese Culture and Business**

Students will explore the role and characteristics of business in Japan and the powerful influence of business on contemporary Japanese culture. First, they will follow the development of industry and business in Japan from the beginning of the Edo Period until the end of the Second World War. Then students will examine the remarkable recovery and development of Japan's postwar economy that culminated, in 1980s and 90s, in theories and stereotypes relating to the concept of a unique Japanese business style. Finally, students will examine changes in the Japanese economy since the bursting of Japan's "economic bubble" in the mid-1990s, and the effects of these changes on business, society and culture today. Students will read texts as well as current articles in newspapers (such as the Wall Street Journal or The Daily Yomiuri (English edition), journals and magazines (such as The Economist), and watch movies and documentaries in order to explore a broad range of topics, from the role of business in Japan's international relations to its effects on the lives of individual Japanese and their environment.

NOTE: Students may earn credits for only one of CUST 3310 and JAPN 3310 as they are identical courses. The course will be conducted in English.

*Prerequisites: 30 credit of 1100-level courses or higher*  
*Transferable (refer to transfer guide)*

**CUST 3320 CR-3****Japanese Culture Through Film**

Students will deepen their understanding of contemporary Japanese art and culture by viewing important post-war Japanese movies. They will focus on influential directors and characteristic genres, including but not limited to comedies, samurai epics and anime [animation]. Students will view a variety of works (in English or Japanese with English subtitles), discuss important themes and cultural references, and connect these movies to the broader Japanese culture, especially youth culture. They will observe how movies both make and question "culture" and, in turn, how culture determines the content of movies and their popular success. Students will read works by critics who examine various characteristics of Japanese culture, especially its "visual bias", evident in arts ranging from Japanese writing (Kanji) and wood-block prints (ukiyo-e) to contemporary movies, magazines, commercials, and fashion. Students will also identify the contributions of Japanese film to international "movie culture" and discuss, more generally, the importance of visual media in the post-modern, post-literate, non-rhetorical age of film, television and the Internet. Finally, they will consider how the increasing success of Japanese animation in foreign markets might contribute to Japan's cultural integration into the global community and discuss the future of post-modern technological societies.

NOTE: Students may earn credits for only one of CUST 3320 and JAPN 3320 as they are identical courses. The course will be conducted in English.

*Prerequisites: 30 credits of 1100-level courses or higher*  
*Transferable (refer to transfer guide)*

**CUST 3340 CR-3****The Graphic Novel as Cultural Product**

This course critically investigates the graphic novel as cultural product and practice. Students will examine the unique manner in which comics communicate and be encouraged to analyze examples rigorously in both formal and narrative terms. Students will respond by means of ongoing forum posting, short formal analytic response papers and a creative term project suiting each student's individual interests and talents.

*Prerequisites: (ENGL 1100) and (one of ENGL 1202, ENGL 1204, CRWR 1100, FINA 1100, FINA 1165, FINA 1167) and (3 credits from any 2000-level course or higher)*  
*Transferable (refer to transfer guide)*

**CUST 4100 CR-3****Interdisciplinary Expressive Arts 2**

Students will learn to apply a diverse number of current interdisciplinary approaches within the expressive arts. They will develop the interdisciplinary skills to employ creativity across multiple expressive modalities (creative writing, music, movement, fine arts, theatre, expressive arts therapies, storytelling, mythopoeics, photography, film making, etc.) and will explore potential academic and career directions within the cultural and social services sectors.

NOTE: Students may earn credits for only one of CUST 4100 and IDEA 4100, as they are the same course.

*Prerequisites: CUST 3100, IDEA 3100, or permission from the instructor*

**E**

# ECONOMICS (ECON)

## ECON 1101 CR-3

### Foundation of Economics

Students will study basic economic principles and economic issues facing the Canadian economy. They will analyze and discuss such issues as free trade, environmental problems, economic growth, unemployment and inflation.

Note: Students with credit for ECON 1150 or ECON 1250 may not take ECON 1101 for further credit.

*Transferable (refer to transfer guide)*

## ECON 1110 CR-3

### Making Economic Sense of Life

Students are introduced to the explanatory power of microeconomic reasoning. They learn and practice basic methods for the appropriate economic explanation of human behavior. Students will consider behaviour such as discrimination, sexual activity, divorce, traffic patterns, and military participation.

## ECON 1150 CR-3

### Principles of Microeconomics

Students will learn how economists view the choices of households and firms. Topics covered include the nature and method of economics, scarcity, specialization and exchange, supply and demand analysis, elasticity, consumer behaviour, economics of the firm, perfect competition, monopoly and market failure.

*Transferable (refer to transfer guide)*

## ECON 1250 CR-3

### Principles of Macroeconomics

Students will study macroeconomic theory at an introductory level. Topics treated include macroeconomic performance measures, economic growth, inflation, unemployment, money and banking, interest rates, exchange rates and government policy in a small, open economy like Canada.

*Transferable (refer to transfer guide)*

## ECON 2208 CR-3

### History of Economic Thought

Students will survey the ideas of great economists, and examine the characteristics of their theories and their relation to economic problems of the time.

*Prerequisites: ECON 1150 and ECON 1250*

*Transferable (refer to transfer guide)*

## ECON 2210 CR-3

### Money and Banking

Students will examine the economics of the Canadian financial system. They will study the structure and operation of the banking system, money, financial and foreign exchange markets; theories of financial markets and financial intermediation; processes of monetary control and the regulation of the banking and the financial systems. The course also gives emphasis to monetary policy in the context of an open economy.

*Prerequisites: ECON 1150 and ECON 1250*

*Transferable (refer to transfer guide)*

## ECON 2255 CR-3

### Globalization in an Economic Framework

Students will address theoretical and policy issues related to globalization. They will learn about economic implications of lowered barriers to the international flow of information, capital, labour, and goods. They will study topics including theoretical foundations of globalization, international economic institutions, and the role of globalization in the process of economic development. Students will obtain an introduction to the relevant models, examine the evidence and discuss various arguments that figure in the debate.

*Prerequisites: ECON 1150 and ECON 1250*

*Transferable (refer to transfer guide)*

## ECON 2260 CR-3

### Environmental Economics

Students will examine the links between the economy and the environment. They will use economic principles to explain why environmental problems occur in a market economy and study how economic policy instruments can be used to deal with these problems.

*Prerequisites: ECON 1150 and ECON 1250*

*Transferable (refer to transfer guide)*

## ECON 2280 CR-3

### Labour Economics

Students will use economic theory to examine the decision-making processes that underlie the supply of and the demand for labour in the Canadian economy, with emphasis on the role of labour markets in determining wages and employment levels. They will analyze relevant labour market structures, theories that predict the outcome of collective bargaining, and policies with respect to unemployment and retraining.

*Prerequisites: ECON 1150 and ECON 1250*

*Transferable (refer to transfer guide)*

## ECON 2350 CR-3

### Intermediate Microeconomics

Students will study the price theory aspects of intermediate microeconomics, with a focus on consumer theory, production and cost, the firm under perfect and imperfect competition, markets for factor inputs, and general equilibrium. Students will learn to identify, analyze, and solve microeconomic problems within these topic areas.

*Prerequisites: (ECON 1150 and ECON 1250) and (MATH 1120 or MATH 1130 or MATH 1140)*

*Transferable (refer to transfer guide)*

## ECON 3100 CR-3

### Economics of Sustainability Policy

Students will study current sustainability issues and policies from an economic perspective. Students will examine differences between environmental and ecological economics. They will cover several topics including: the values and the limitations of the alternative measures of economic welfare, policy reports and studies, and the implications of complementarity between natural and human-made capital.

Note: Students may earn credit for only one of ECON 3100 and POST 3100 as they are identical courses.

*Prerequisites: ECON 2260*

**ECON 3150 CR-3****Managerial Economics**

Students will apply microeconomic theory and quantitative techniques to managerial decision making. They will use these tools to solve problems faced by firms. Students will examine such topics as demand analysis and estimation, production and cost analysis, pricing and output decisions within various market structures, competitive strategies, and risk analysis.

For graduation purposes students with credit for ECON 2350 cannot take ECON 3150 for further credit

*Prerequisites: ECON 1150 and ECON 1250 and (ACCT 1230 or MATH 2315 or MATH 2341 or PSYC 2300)  
Transferable (refer to transfer guide)*

**ECON 3208 CR-3 (formerly ECON 2208)****History of Economic Thought**

Students will survey the ideas of the major figures in the development of economic thought from the medieval period to the present. They will examine the characteristics of the prevailing economic theories in relation to the economic conditions of the time. Students will trace the evolution of economic theory from Classical Economics, the Marxist and Historicist challenges to Classicism, and proceed through a discussion of the development of Marginalism, the Neo-classical Economics of Alfred Marshall, the criticisms of Neo-classical Economics, and the Keynesian revolution and counter-revolution.

*Prerequisites: ECON 1150 and ECON 1250*

**ECON 3211 CR-3 (formerly ECON 2211)****Economic History of Canada**

Students will examine important issues in Canadian economic history such as the role of staples, land policy and agriculture, trade and investment policies, industrialization, banking and capital formation and regional variation in economic development. They will use basic concepts and methods of economic analysis to evaluate alternative explanations of such events.

*Prerequisites: ECON 1150 and ECON 1250, and 6 credits of 2000-level ECON courses*

**ECON 3251 CR-3****Women and the Economy**

Students will learn how gender differences impact women in both the household and the marketplace. They will obtain an introduction to the theoretical and empirical literature and use basic microeconomic tools to study relevant issues. Students will explore economic aspects of family formation; occupational and work choices; household versus market production; explanations of gender differences in earnings; the human capital investment theory; and how public policies affect paid work and the family.

*Prerequisites: ECON 1150 and ECON 1250*

**ECON 3270 CR-3****Industrial Organization**

Students will examine the economics of imperfect competition. They will learn how different market structures operate, study pricing strategies and examine government policy in these market structures and in various industries. Students will analyze the theory of the firm, monopoly, monopolistic competition, oligopoly, government policies and their effects, Canadian competition policies, regulation and deregulation. They will also discuss game theory and various aspects of strategic behaviour such as price discrimination.

*Prerequisites: ECON 1150 and ECON 1250 and 6 credits of 2000 level ECON courses.*

**ECON 3333 CR-3****Introductory Econometrics**

Students will be introduced to the techniques employed in the estimation and inference of economic modeling. They will learn the intuitive and practical application of the single-equation linear regression model and the use of statistical software.

*Prerequisites: One of the following: BUQU 1230; ACCT 1230; MATH 1115; MATH 2315; MATH 2341; PSYC 2300; CRIM 2103; SOCI 2365; or equivalent first-year statistics course*

**ECON 3350 CR-3****Intermediate Microeconomics II**

Students will study advanced and applied topics in microeconomic theory. Student will learn topics that include choice under uncertainty, inter-temporal decision-making, transaction cost economics, and the game theory aspects of competitive strategy. Students, within these areas, will learn to identify, analyze, and solve problems commonly experienced in the business world.

*Prerequisites: (ECON 1150 and ECON 1250 and ECON 2350) and (MATH 1120 or MATH 1130 or MATH 1140)*

**ECON 3362 CR-3****Natural Resource Economics**

Students will address theoretical and policy issues related to the use of natural resources. They will start with some basic concepts used for decision making over time, and will build the foundations (including biological and/or physical aspects) of the theoretical models used in the economics of renewable and non-renewable resources, in both the static and dynamic cases. Students will enrich the analysis by including the effects of market structure and regulations. They will also study the models for fisheries, forestry and mining.

*Prerequisites: ECON 2350*

**ECON 3450 CR-3****Intermediate Macroeconomics**

Students will study intermediate macroeconomic theory and will use it to help explain long- and short-run macroeconomic performance. They will analyze economic fluctuations and growth, income and employment theories, monetary theory, theory of exchange rate determination, and interest rates. Students will also examine macroeconomic policy debates, open economy issues and recent developments in macroeconomic theory.

*Prerequisites: ECON 1150 and ECON 1250 and MATH 1120 or MATH 1130 or MATH 1140*

**ECON 3451 CR-3****Macroeconomic Policy I**

Students will examine a modern approach to macroeconomics that builds macro models from microeconomic principles — an approach consistent with how macro research is done today. Students will use this theoretical apparatus to understand, interpret and predict the macroeconomic consequences of changes in physical environment and government policies.

*Prerequisites: ECON 1150 and ECON 1250*

**ECON 3455 CR-3****International Economics**

Students will examine economics of international trade and finance with an emphasis on international economic policy. They will study the determinants of international trade, balance of payments, and the determination of exchange rates. Students will also analyze trade policy including tariff and non-tariff barriers, capital mobility and the political economy of protection and exchange rate policy.

*Prerequisites: ECON 2210 and ECON 2350*

**ECON 3555 CR-3****Economic Development**

Students will investigate sources of economic growth in developing countries and requirements of successful development. They will also examine problems of emerging countries and study models of various developing economies. Students will examine theoretical foundations and empirical evidence on economic development. They will learn about issues such as trade liberalization and poverty, trade not aid for development, child labour, migration, debt, and linkage between poverty and terrorism as they apply to the development process will also be examined.

*Prerequisites: ECON 1150 and ECON 1250 and 6 credits of 2000-level ECON courses*

**ECON 4451 CR-3****Macroeconomic Policy II**

Students will study and analyze various macroeconomic models developed to understand the behaviour and impact of economic growth and business cycles. They will learn how these models have addressed the issues related to business cycles. Students will examine the important differences between fiscal and monetary policy as a tool to minimize business cycle fluctuations and bring about greater stabilization in economic growth. Students will use this theoretical apparatus to understand, interpret and predict the macroeconomic consequences of changes in physical environment and government policies.

*Prerequisites: ECON 3451*

**ECON 4700 CR-3****The Economics of Crime**

Students will examine issues related to crime and punishment from an economic perspective. They will study issues that centre on the economic causes of criminal behaviour, the markets for criminally produced goods and services, the costs of crime, and the economics of public policies aimed at dealing with crime. Students will review relevant economic models of crime and punishment, examine empirical evidence, and evaluate public policies.

*Prerequisites: ECON 2350 and (ACCT 1230 or BUQU 1230 or MATH 2315 or MATH 2341 or PSYC 2300 or CRIM 2103)*

**ECON 4710 CR-3****Law and Economics**

Students will apply microeconomic tools and concepts to the analysis of legal institutions and legal doctrines in the area of common law (property, tort, family law and contract). They will analyze the economic consequences of common property, the assignment of property rights, various kinds of liability rules, marriage and divorce, and remedies for breach of contract. Students will analyze legal cases from law and economics perspectives.

*Prerequisites: ECON 1150 and ECON 1250 and a minimum of 45 credits including 6 credits of 2000 level ECON courses*

**EDUCATION, COMMUNITY AND HEALTH SPECIALTIES (ECHS)****ECHS 1112 CR-1****Interpersonal Communications 1**

Students will examine basic principles of effective interpersonal communication. They will examine their own style of communicating. Students will demonstrate competency in areas of verbal and nonverbal communication.

**ECHS 1114 CR-2****Communications for Caring Professionals**

The student will explore self-awareness, increased understanding of others and the development of effective interpersonal communication skills that can be used in a variety of care-giving contexts. They will examine their own communication choices and patterns. Students will have opportunity to develop and use communication techniques that demonstrate personal awareness, respect and active listening skills.

**ECHS 1125 CR-1.5****Principles of Observation**

Students will explore the concepts and process of observation in their area of practice. They will consider the factors that influence observation, including their own values, beliefs, feelings and preconceptions. Students will focus on observation methods and the recording of observations in different settings. They will examine the ethical implications of observation in their practice.

**ECHS 1135 CR-3****Essentials to Person-Centered Practice**

Students will examine the principles of person-centered philosophy, collaborative team work and caring. They will consider the significance of community and family in their support to individuals. Students will examine the education, health, social services systems and interdisciplinary teams. They will explore roles and responsibilities and how their values, attitudes, feelings and actions impact their professionalism and their practice.

**ECHS 1212 CR-1.5****Interpersonal Communications 2**

Students will examine the concepts of power and conflict in interpersonal communications. They will demonstrate effective conflict resolution strategies in a variety of contexts.

*Prerequisites: ECHS 1112*

## EDUCATIONAL STUDIES (EDUC)

### EDUC 1100 CR-3 (formerly LCOM 1100)

#### Introduction to Higher Education

Students will develop an understanding of the purpose of post-secondary education and the ways in which becoming educated can enhance the quality of their lives and their communities. They will explore their place in the university through examining the history and functions of education (e.g., the exclusion of certain groups, the relation of education to living in a democratic society). Students will also begin to develop abilities necessary to maximize their education including the ability to participate in scholarly discourse, recognize connections between disciplines, and understand the world and act within it in new and creative ways through discussions, group work, special events, and service learning projects.

Note: Students may get credit for only one of: UNIV 1100, UNIV 1101, LCOM 1100, LCOM 1101, LCOM 1102, LCOM 1190, EDUC 1100, EDUC 1101, EDUC 1102 or EDUC 1190.

*Transferable (refer to transfer guide)*

### EDUC 1102 CR-3 (formerly LCOM 1102)

#### Introduction to Higher Education for Aboriginal Students

Aboriginal students will explore the purpose and value of higher education, and the many ways in which becoming educated can not only enhance their own lives, but also the communities to which they belong. They will discuss the relationship between Aboriginal worldviews and traditional academia. Students will develop their abilities to engage in academic discourse through focused discussion of readings of interest to First Nations, Métis, and Inuit peoples. They will examine various academic disciplines and explore the interdisciplinary nature of a polytechnic education. Students will find their academic voices through individual and group work, and they will develop their academic reading and writing abilities with ongoing instructor feedback.

Note: Students may get credit for only one of: UNIV 1100, UNIV 1101, LCOM 1100, LCOM 1101, LCOM 1102, LCOM 1190, EDUC 1100, EDUC 1101, EDUC 1102 or EDUC 1190.

*Transferable (refer to transfer guide)*

### EDUC 1190 CR-3 (formerly LCOM 1190)

#### Introduction to Post-Secondary Studies for High School Students

High school students will examine and evaluate the purpose and value of a university education. They will engage in the process of reconceptualizing themselves as university students through reflective and academic writing. Students will explore university culture through writing, reading, and discussion, with a focus on understanding the role of critique and debate. They will examine the value of arts, sciences, and applied disciplines in understanding complex issues. Students will examine their individual roles as global citizens, participate in a service learning project, and begin developing learning portfolios to be used throughout their post secondary experience.

Note: Students may get credit for only one of: UNIV 1100, UNIV 1101, LCOM 1100, LCOM 1101, LCOM 1102, LCOM 1190, EDUC 1100, EDUC 1101, EDUC 1102 or EDUC 1190.

### EDUC 2220 CR-3 (formerly LCOM 2220)

#### Introduction to Educational Psychology

Students will develop a broad understanding of major theories and research in educational psychology, as well as their application in classroom settings. They will develop an understanding of the history and continually evolving role of psychology in the classroom, and explore theories of cognitive, social/emotional, and moral development as well as their implications for instruction and understanding motivation, learning and problem-solving, abilities and disabilities, and peer interactions in diverse, inclusive educational settings. Students will also learn how educational psychology can be utilized to develop strong student-teacher relationships and create dynamic learning environments.

Note: Students may get credit for only one of EDUC 2220 or LCOM 2220 as these are identical courses.

*Prerequisites: 30 credits at 1100-level or higher  
Transferable (refer to transfer guide)*

### EDUC 3210 CR-3 (formerly LCOM 3210)

#### Classroom Management and Discipline

Students will develop a broad understanding of contemporary approaches to classroom management and discipline and how these approaches translate into specific skills and interventions. They will reflect on how personal beliefs, values and worldviews about what constitutes appropriate behaviour influences, teaching practices, and approaches to discipline.

*Prerequisites: LCOM 2220 or EDUC 2220  
Transferable (refer to transfer guide)*

### EDUC 3220 CR-3

#### Children's Social and Emotional Development at School

Students will be introduced to major theories, research, and practice concerning children's social and emotional development during the school years. They will gain an understanding of the role of social interactions and relationships in development and the role of schools in promoting positive interactions among students and between students and teachers through film, readings, lectures, on-line discussions, and presentations.

*Co-requisites: EDUC 2220 EDUC 2220  
Transferable (refer to transfer guide)*

### EDUC 3320 CR-3 (formerly LCOM 3320)

#### Career Counselling and Career Education

Students will develop a broad understanding of major theories of career development and related assessments. They will explore historical and cross-cultural perspectives on the meaning of work and considerations for career development, counseling, and education with diverse populations and in diverse settings (i.e., elementary, secondary, post-secondary, and community agencies). Students will also critically examine moral and ethical issues related to this work, and they will apply theoretical concepts to their own process of career development.

Note: Students may get credit for only one of CNPS 3320, EDUC 3320 or LCOM 3320 as these are identical courses.

*Prerequisites: At least 45 credits of coursework completed at the 1100-level or higher  
Transferable (refer to transfer guide)*

**EDUC 4100 CR-3 (formerly LCOM 4100)**  
**Transitioning to Work, Graduate School, and Post-University Life**

Students will develop representational portfolios in the transition from university into work, graduate studies, and post-university life. They will integrate their educational experiences by tracing their intellectual journey through reflective writing and examining artifacts from their undergraduate career. Students will prepare for the job search process through developing resume writing, cover letters, job search strategies as well as simulated employment interviews. They will investigate graduate school admission, international work and educational opportunities as well as cultivating a professional disposition. Students will consider what it means to be educated in the context of leadership roles in their alumni, national, and international communities and will participate in a service-learning project.

Note: Students may get credit for only one of UNIV 4100, LCOM 4100 or EDUC 4100.

*Prerequisites: 60 credits of 1100-level or higher courses*

## **ELECTRICAL (ELEC)**

**ELEC 1100 CR-2**  
**Basic Skills**

Students will study effective learning and job search techniques. They will problem-solve using mathematics and apply science concepts appropriate to the electrical trade.

**ELEC 1110 CR-1**  
**Workplace Safety**

Students will be exposed to and learn the application of safe work practices, WorkSafe BC Standards and Regulations, lockout and confined space procedures. They will learn practical components of rigging, scaffolding, and ladders. Students will also receive certificates in Workplace Hazardous Materials Information System (WHMIS), Powder Actuated Tools, and Basic First Aid.

**ELEC 1120 CR-5**  
**Basic Electrical Theory**

Students will be introduced to the nature and principles of electricity, the operation of electrical devices and the operation of testing / metering equipment. They will focus on the analysis and problem solving of Direct Current (DC) circuits. Students will learn the basic principles of magnetism.

**ELEC 1130 CR-1**  
**Code and Blueprint Reading**

Students will be introduced to the history and importance of the Canadian Electrical Code (CEC). They will learn the CEC and other related regulatory standards. Students will be introduced to the use of construction drawings, manufacturer's specifications, and job and material planning.

**ELEC 1140 CR-1**  
**Electrical Controls**

Students will learn the basics of simple motor controls circuits. They will cover the means of monitoring the processes being controlled. Students will learn the safety procedures and operating principles of manual and magnetic motor starters and control circuits.

**ELEC 1150 CR-10**  
**Installation of Low-Voltage Distribution Systems**  
Students will use shop projects and hands-on activities to reinforce electrical theory and electrical code knowledge. They will receive practical training for the job-site. Students will learn the importance of workplace safety.

## **ENGLISH (ENGL)**

**ENGL 1100 CR-3**  
**Writing, Reading and Thinking: An Introduction**

Students will learn to apply principles of rhetoric and critical analysis in response to selected readings, which will include examples of scholarly writing and academic argument. They will develop their writing skills through exploratory writing, academic argument, and critical analyses of material from a variety of contexts.

Note: Transferable and qualifies for "W" status at SFU

*Prerequisites: English 12 (B) or English 12 First Peoples (B) or ENGQ 1099 or ABEE 0091 or ENGP 1091 or ABEE 0092 or ABEE 0097 or ENGP 1097 or Kwantlen English Placement Test or an LPI Essay score of 30 – Level 5 or (ELST 0381 (B) and 0383 (B)) or IELTS 6.5 with no band less than 6.0 or iBT 86 with no sub score less than 20 or (TOEFL 570 with TWE 5.5)*  
*Transferable (refer to transfer guide)*

**ENGL 1202 CR-3**  
**Reading and Writing about Selected Topics: An Introduction to Literature**

Students will engage in writing-intensive activities as they analyze a topic or theme in selected literary texts. They will apply skills of literary analysis to literature through close reading, informed discussion, and formal writing.

*Prerequisites: ENGL 1100*  
*Transferable (refer to transfer guide)*

**ENGL 1204 CR-3**  
**Reading and Writing about Genre: An Introduction to Literature**

Students will engage in writing-intensive activities as they analyze the conventions of poetry, drama, and fiction in selected literary texts. They will apply skills of literary analysis to literature through close reading, informed discussion, and formal writing.

*Prerequisites: ENGL 1100 or ENGL 1110*  
*Transferable (refer to transfer guide)*

**ENGL 2300 CR-3**  
**Advanced Writing and Research Skills**  
Students will study and practice the principles of effective argumentative writing. They will acquire a variety of research and editing skills, and will explore the ways that style, logic, and evidence influence audience response.

*Prerequisites: ENGL 1100 , and one 1200-level ENGL course*  
*Transferable (refer to transfer guide)*

**ENGL 2301 CR-3**  
**Canadian Literature in English**  
Students will study representative Canadian literature drawn primarily from the nineteenth to the twenty-first centuries from a variety of genres. They will focus on major figures and themes in Canadian literature and will respond to these works through discussion and written assignments.

*Prerequisites: ENGL 1100 , and one 1200-level ENGL course*  
*Transferable (refer to transfer guide)*



**ENGL 2309 CR-3****Literature of the United States of America**

Students will study representative American literature drawn primarily from the nineteenth and twentieth centuries from a variety of genres. They will focus on major figures and themes in American literature and will respond to these works through discussion and written assignments.

*Prerequisites: ENGL 1100 , and one 1200-level ENGL course  
Transferable (refer to transfer guide)*

**ENGL 2315 CR-3****The Comic Voice**

Students will study representative works of literature that demonstrate the scope and depth of the comic voice. They will focus on the theory, conventions, and practice of comedy. Students will respond to these works through discussion and written assignments.

*Prerequisites: ENGL 1100 , and one 1200-level ENGL course  
Transferable (refer to transfer guide)*

**ENGL 2316 CR-3****English Literature: 14th to 18th Centuries**

Students will study representative works of English literature from the 14th to the 18th centuries as literature within social, cultural, and historical contexts. They will respond to these works through written and oral work.

*Prerequisites: ENGL 1100 , and one 1200-level ENGL course  
Transferable (refer to transfer guide)*

**ENGL 2317 CR-3****English Literature: 18th to 20th Centuries**

Students will study representative works of English literature from the 18th to 20th centuries as literature within social, cultural, and historical contexts. They will respond to these works through written and oral work.

*Prerequisites: ENGL 1100 , and one 1200-level ENGL course  
Transferable (refer to transfer guide)*

**ENGL 2319 CR-3****The Novel in English: Its Development**

Students will study works representing the development of the novel from the eighteenth to the early twentieth century. They will focus on the styles and themes of representative novelists. Students will respond to these works through discussion and written assignments.

*Prerequisites: ENGL 1100 , and one 1200-level ENGL course  
Transferable (refer to transfer guide)*

**ENGL 2320 CR-3****Studies in Poetry**

Students will study the relationship between form and meaning, and between sound and sense in a variety of poems. They will study the traditions, conventions, and elements of different poetic forms drawn from different times and socio-cultural contexts.

*Prerequisites: ENGL 1100 , and one 1200-level ENGL course  
Transferable (refer to transfer guide)*

**ENGL 2330 CR-3****Studies in Drama**

Students will study drama drawn from different times and different socio-cultural contexts. They will study plays from a wide variety of dramatic genres such as tragedy, romance, history, comedy, theatre of the absurd, realism, naturalism, and postmodernism.

*Prerequisites: ENGL 1100 , and one 1200-level ENGL course.  
Transferable (refer to transfer guide)*

**ENGL 2340 CR-3****Studies in Fiction**

Students will study various fictional forms. They will study works from a wide variety of genres such as romance, realism, science fiction or fantasy, the mystery or gothic novel, the modern, postmodern, or cyberpunk novel, drawn from different times and different socio-cultural contexts.

*Prerequisites: ENGL 1100 , and one 1200-level ENGL course.  
Transferable (refer to transfer guide)*

**ENGL 2350 CR-3****Critical Studies in Film**

Students will study select films in English from the silent era to the present day, paying particular attention to the formal elements of film as a narrative art form, and to the relation of film to other art forms, including literature. They will focus on representative films from different historical periods and genres and will respond to these films through discussion and written assignments.

*Prerequisites: ENGL 1100, and one 1200-level ENGL course  
Transferable (refer to transfer guide)*

**ENGL 3300 CR-3****Critical Theory**

Students will examine selected topics in critical theory. They will consider critical theory as a socially engaged mode of inquiry. Students will develop critical thinking and writing skills through discussions and essay assignments.

*Prerequisites: 3 credits of 2000-level ENGL  
Transferable (refer to transfer guide)*

**ENGL 3301 CR-3****19th-Century Canadian Literature in English**

Students will study Canadian literature in English from the nineteenth century. They will focus on work by aboriginal peoples, explorers, sojourners, early settlers, and writers of the Confederation period. Students will study the changes and developments in the literature and respond to works through discussion and written assignments. They will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL  
Transferable (refer to transfer guide)*

**ENGL 3302 CR-3****Canadian Prose in English from 1900**

Students will study the changes and developments in Canadian prose in English from 1900 to the present and write critical essays about the prose. They will respond to the texts through discussion and written assignments. Students will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL  
Transferable (refer to transfer guide)*

**ENGL 3303 CR-3****Canadian Poetry in English from 1880 to the Present**

Students will study the changes and developments in Canadian poetry in English from 1880 to the present and write critical essays about the poetry. They will focus on texts starting with the pre-modernist poetry of the end of the nineteenth century and study the changes and developments in poetry up to the present. They will respond to the works through discussion and written assignments. Students will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL*

*Transferable (refer to transfer guide)*

**ENGL 3306 CR-3****Literature of the United States: Beginnings to 1865**

Students will study the literature of the United States in English from beginnings to 1865. They will focus on themes and issues related to the developing nation and to the forging of a national literature. Students will study several different types of expression, chosen from among the following genres: explorers' accounts, histories and autobiographies, sermons, pamphlets and treatises, letters and addresses, essays, novels, stories, and poems. They will respond to these works through discussion and written assignments. Students will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL*

*Transferable (refer to transfer guide)*

**ENGL 3307 CR-3****Literature of the United States: 1865 to 1910**

Students will study American Literature in English of the period 1865 to 1910, and they will write critical essays about the literature. Students will study the literature in the context of important social phenomena such as the Civil War, industrialization and urbanization, and social radicalism. Students will study texts from a variety of genres. They will respond to these works through discussion and written assignments. Students will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL*

*Transferable (refer to transfer guide)*

**ENGL 3308 CR-3****Literature of the United States: 1910 to 1945**

Students will study American Literature in English of the period 1910 to 1945, and they will write critical essays about the literature. They will study Modernism as an international movement in conflict with American literary traditions. They will also study the Harlem Renaissance, women writers of the interwar period, and developments in drama. Students will study representative works from a variety of genres and will respond to them through discussion and written assignments. Students will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL*

*Transferable (refer to transfer guide)*

**ENGL 3309 CR-3****Literature of the United States: 1945 to the Present**

Students will study representative literary works from a variety of genres written in English in the United States from 1945 to the present. Topics of study will include the impact of the Civil Rights and Women's movements upon both the production and reception of literature, post-modernism as a literary and cultural phenomenon, the relationship of literature to other contemporary art forms such as film, music, and the fine arts, and the influence of multiculturalism upon contemporary American society and literary culture. Students will write at least one research paper that integrates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL*

*Transferable (refer to transfer guide)*

**ENGL 3310 CR-3****Literature in Translation**

Students will study literary works in translation. They will focus on literature from a variety of cultural/literary traditions such as European, African, Latin American or Asian. Students will respond to these works through discussion and written assignments, and will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL*

*Transferable (refer to transfer guide)*

**ENGL 3313 CR-3****Reading Canonical Writers**

Students will study literature written by one or two authors considered part of the canon of literature in English. They will explore issues related to the definition and construction of the canon. Students will respond to these works through discussion and written assignments, and will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL*

*Transferable (refer to transfer guide)*

**ENGL 3315 CR-3****Chaucer: Saints, Sinners, and Sex**

Students will study literary works of Geoffrey Chaucer. They will focus on *Troilus and Criseyde*, *The Canterbury Tales*, and selections from shorter works. They will consider these works in their historical, cultural, and literary contexts such as social class, gender, the church, the tradition of courtly love, and sex. Students will respond to these works through discussion and written assignments, and will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL*

*Transferable (refer to transfer guide)*

**ENGL 3316 CR-3****History of the English Language**

Students will study the evolution of the English language from its origins in the dialects established in England in the seventh century to the present national and regional variations of the language. They will focus on the linguistic, historical, and social factors that have influenced the development of the language. Students will respond to the study of this evolution through discussion and written assignments. They will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL*

*Transferable (refer to transfer guide)*

**ENGL 3317 CR-3****Readings in the History of Ideas**

Students will study influential texts that have helped shape Western culture, imagination, and intellectual history. They will read texts drawn from philosophical, political, scientific, religious, and literary discourses. Students will respond to these works through discussion and written assignments and will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL  
Transferable (refer to transfer guide)*

**ENGL 3320 CR-3****Studies in Shakespeare**

Students will study literary works written by Shakespeare. They will study plays representative of a broad range of Shakespeare's work: history, comedy, tragedy, and romance. Students will respond to these works through discussion and written assignments, and will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL  
Transferable (refer to transfer guide)*

**ENGL 3323 CR-3****Seventeenth-Century British Literature**

Students will study literary works of the earlier seventeenth century, 1590 to 1649. They will focus on major works of prose and verse, both dramatic and non-dramatic. They will respond to these works through discussion and written assignments. Students will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL  
Transferable (refer to transfer guide)*

**ENGL 3325 CR-3****Eighteenth-Century British Literature**

Students will study British literature of the "long" eighteenth century (1688-1815). They will focus on selected poetry, fiction, drama, and non-fiction. They will respond to these works through discussion and written assignments. Students will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL  
Transferable (refer to transfer guide)*

**ENGL 3328 CR-3****Romantic Poetry and Poetics**

Students will study poetry and poetic theory from the British Romantic Period. They will respond to these works through discussion and written assignments. Students will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL  
Transferable (refer to transfer guide)*

**ENGL 3330 CR-3****Children's Literature**

Students will study literature written for children and young adults as it has evolved from early didactic tales to contemporary adolescent novels of crisis. They will examine classics and popular children's literature from a variety of theoretical perspectives. Students will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL  
Transferable (refer to transfer guide)*

**ENGL 3332 CR-3****Victorian Poetry and Non-Fiction**

Students will study poetry and non-fiction in English from the British Victorian period. They will respond to these works through discussion and written assignments. Students will write at least one research paper.

*Prerequisites: 3 credits of 2000-level ENGL  
Transferable (refer to transfer guide)*

**ENGL 3336 CR-3****The Victorian Novel, 1837-1900**

Students will study three or more major Victorian novels and will acquire knowledge of the formal features, thematic preoccupations, and cultural contexts of Victorian fiction. They will respond to the readings through discussion and written assignments, and will compose at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL  
Transferable (refer to transfer guide)*

**ENGL 3340 CR-3****World Literature in English**

Students will study works of world literature written in English, drawn primarily from the twentieth century. They will explore issues arising from colonialism/post-colonialism, globalization, and marginalization. Students will respond to the literature through discussion and written assignments, and will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL  
Transferable (refer to transfer guide)*

**ENGL 3345 CR-3****Diasporic Literatures**

Students will study literary works in English or in translation concerned with problems faced by displaced, minority, and diasporic communities. They will focus on literature from various parts of the world written in various genres and periods. Students will respond to these works through discussion and written assignments, and will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL  
Transferable (refer to transfer guide)*

**ENGL 3350 CR-3****Literature and Film**

Students will study literary works and their cinematic interpretations. They will focus on film adaptations of literary works drawn from a variety of genres, periods, and cultures. Students will respond to these works through discussion and written assignments, and will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL  
Transferable (refer to transfer guide)*

**ENGL 3351 CR-3****Studies in Modernism**

Students will study literary works by Modernist writers in English. Students will focus on literature that reflects the political, moral, philosophical, and psychological concerns of the first half of the twentieth century. They will consider the aesthetic innovations that emerged in response to the complexities of the modern period. Students will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL  
Transferable (refer to transfer guide)*

**ENGL 3352 CR-3****The British Novel, 1900-1945**

Students will study the development of the modern British novel from 1900 to 1945. They will examine the ways British Modernism departed from previously held ideas about fiction. They will respond to the readings through discussion and written assignments. Students will write at least one research paper.

*Prerequisites: 3 credits of 2000-level ENGL*  
*Transferable (refer to transfer guide)*

**ENGL 3355 CR-3****Modern and Contemporary Drama**

Students will study works written for dramatic performance from the modern period to the present. They will focus primarily on works written for the theatre, and students may also examine scripts written for film, television, and radio. They will respond to these works through discussion and written assignments. Students will write at least one research paper.

*Prerequisites: 3 credits of 2000-level ENGL*  
*Transferable (refer to transfer guide)*

**ENGL 3358 CR-3****British Fiction since 1945**

Students will study British fiction since 1945. They will study literature in its socio-historical context with respect to issues such as class, gender, individual and communal identities, and changing demographics. Students will respond to these works through discussion and written assignments, and they will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL*  
*Transferable (refer to transfer guide)*

**ENGL 3360 CR-3****Writing Women/Women Writing**

Students will study literature by and about women. They will examine issues central to women's identity, creativity, and lived experiences. Students will apply critical methods of literary analysis in written and oral responses to the literature, and will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL*  
*Transferable (refer to transfer guide)*

**ENGL 3370 CR-3****Life-Writing**

Students will study various kinds of life-writing: autobiography, biography, memoirs, reflections, journals, and letters, drawn from different times and socio-cultural contexts. They will respond to these works through discussion and written assignments, including at least one major research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL*  
*Transferable (refer to transfer guide)*

**ENGL 3380 CR-3****Popular Writing**

Students will study works drawn from a variety of categories of popular writing. They will analyze the readings as literature, as entertainment, and/or as social criticism. Students will examine how the literature reinforces or challenges ideology, genre, and cultural, social and aesthetic values. They will respond to these works through discussion and written assignments, and will write at least one research paper that incorporates critical source material.

*Prerequisites: 3 credits of 2000-level ENGL*  
*Transferable (refer to transfer guide)*

**ENGL 3390 CR-3****Indigenous Narratives, Oral and Written**

Students will study Indigenous narratives rendered in or translated into English, drawn from various socio-cultural and historical contexts. They will consider the impact of writing cultures on oral cultures through the critical exploration of scholarly materials produced by both Indigenous scholars and conventional scholars, and examine scholarly perspectives in relation to primary texts.

*Prerequisites: 3 credits of 2000-level ENGL*  
*Transferable (refer to transfer guide)*

**ENGL 4350 CR-3****Topics in Film Studies**

Students will study select topics in film as chosen by the instructor. They will write at least one documented essay requiring the use of both primary and secondary materials. In addition to attending class regularly, students may be required to attend scheduled film screenings outside of regular class time.

Notes: As the topic for this course will vary from semester to semester, students may take this course more than once, provided they have received the permission of the instructor and the department chair. Students are expected to have some knowledge of the critical language of film studies. If they do not, they should consult with the instructor before registering for this course.

*Prerequisites: 3 credits of 3000-level ENGL*  
*Transferable (refer to transfer guide)*

**ENGL 4400 CR-3****English Studies and the Classroom**

Students will study theories related to the teaching of English literature, composition, and/or rhetoric. They will, in this seminar, research, design, and complete a major project that integrates theory and practice. Student will produce a portfolio of written work.

*Prerequisites: ENGL 3300*  
*Transferable (refer to transfer guide)*

### **ENGL 4401 CR-3**

#### **Topics in Canadian Literature**

Students will study a topic (or topics) in Canadian literature in one or more genres as chosen by the instructor. They will trace this topic through several texts, discussing it in the broader context of Canadian literature and culture and considering it from various theoretical perspectives. In addition to continuing to develop their own ability to analyze, discuss, and write about individual texts, students will also read relevant literary criticism and will write at least one research paper that incorporates critical source material.

Notes: The specific topic for this course will be available on the English department website when the course is being offered. Students may take this course more than once, provided that both the instructor and the topic are different.

*Prerequisites: 3 credits of 3000-level ENGL  
Transferable (refer to transfer guide)*

### **ENGL 4409 CR-3**

#### **Topics in Literature of the United States**

Students will study topics related to the literature of the United States, which may include the pre-national period. Students will analyze primary works, which may be drawn from various genres (e.g. poetry, fiction, drama, sermons, personal essays, aboriginal writing, life writing). They will read recent scholarship of primary works, as well as literary and cultural theory relevant to the selected topic. This may include a consideration of the relationship between the political categories of race, gender, and class and the themes, characters, events, and language of the works studied, as well as newer approaches such as transnational approaches to American literature. Students will engage with the topics through integrative study of materials that contextualize the primary literature, in-class presentations, discussion, and written assignments. They will write at least one research essay that incorporates current critical responses to the literature under consideration.

*Prerequisites: 3 credits of 3000-level ENGL  
Transferable (refer to transfer guide)*

### **ENGL 4700 CR-3**

#### **Special Topics in Literature**

Students will study special topics in literature selected by instructors, and will focus on primary texts, critical writing by the authors, and readings in literary and cultural theory relevant to the topic. They will analyze the topics through in-class presentations, discussion, and written assignments, and will write at least one research essay that incorporates current critical responses to the literature under consideration.

*Prerequisites: ENGL 3300  
Transferable (refer to transfer guide)*

## **ENGLISH LANGUAGE STUDIES (ELST)**

### **ELST 0020 CR-12 (formerly ENLT 0020)**

#### **Pre-foundations Intensive General English Level 2**

Students in this full-time course will learn and practice all four language skills: speaking, listening, reading and writing. The primary focus of this course is on upper beginner functional English for everyday communication.

*Prerequisites: Kwantlen ESL Writing Band 1 and Accuplacer between 35 and 67*

### **ELST 0031 CR-6**

#### **Pre-Foundation Reading and Writing**

Students will develop reading and writing skills to a lower intermediate level of competence. They will practice using English for general reading and written communication by participating in a variety of in-class communicative learning tasks and completing reading and writing assignments.

*Prerequisites: ENLT 0310 or (Accuplacer 68 and KIST 20 and Kwantlen ESL Writing Band 2)*

### **ELST 0033 CR-6**

#### **Pre-Foundation Speaking and Listening**

Students will develop listening and speaking skills to a lower intermediate level of competence. They will practice using English for general communication by participating in a variety of in-class communicative learning tasks.

*Prerequisites: (Accuplacer 68 and KIST 20 and Writing Band 2) or (Accuplacer 78 and KIST 15 and Writing Band 2)*

### **ELST 0041 CR-6**

#### **Foundations Level – Reading and Writing**

Students at the intermediate level will learn and practice reading, writing and study skills in preparation for further studies in English for general communication or academic purposes.

*Prerequisites: ELST 0031 with B- or [(Accuplacer 78 or TOEFL iBT 32 or cb-TOEFL 97 or TOEFL 400) and (Kwantlen ESL Writing Band 3 or TOEFL iBT writing sub-score 12 or TWE 2)] or IELTS 4.5 with no sub-score less than 4.0*

### **ELST 0043 CR-6**

#### **Foundation Level - Listening and Speaking**

Students at the intermediate level will learn and practice listening and speaking skills in preparation for further studies in English.

*Prerequisites: ELST 0033 with B- or [KIST 25 and (Accuplacer 68 or Cb-TOEFL 97 or TOEFL 400)] or TOEFL iBT 32 with listening sub-score 6 and speaking sub-score 6 or IELTS 4.5 in listening/speaking and no sub-score less than 4.0 in any other skills*

### **ELST 0061 CR-3**

#### **Intermediate Pronunciation**

Students at the intermediate and upper-intermediate levels will work on improving the overall clarity of their speech. They will practice identifying, producing, and predicting English sounds patterns accurately.

*Prerequisites: ELST 0033 with B- or Accuplacer 78 or TOEFL iBT 32 or Cb-TOEFL 97 or TOEFL 400 or IELTS 4.5 with no sub-score less than 4.0*

### **ELST 0063 CR-3**

#### **Intercultural Awareness and Communication**

Students will develop an awareness of Canadian culture and the English language while living in a homestay placement. They will learn and practice effective communication skills to enhance intercultural awareness within the homestay environment.

Note: Students must be placed in an approved Kwantlen English-speaking homestay for the duration of the course.

*Prerequisites: ELST 0031 with B- or (Accuplacer 78 and KIST 25) or TOEFL iBT 32 or cb-TOEFL 97 or TOEFL 400 or IELTS 4.5 with no sub-score less than 4.0*

### **ELST 0064 CR-3**

#### **An Introduction to Canada**

Students at the upper-intermediate level will practice listening, speaking, reading, and writing skills by using fiction and non-fiction material about Canada.

*Prerequisites: ELST 0031 with B- or [(Accuplacer 78 or TOEFL iBT 32 or cb-TOEFL 97 or TOEFL 400) and (Kwantlen ESL Writing Band 3 or TWE 2)] or IELTS 4.5 with no sub-score less than 4.*

### **ELST 0137 CR-3**

#### **Canadian Language and Culture**

Students at the intermediate level will learn about topics such as Canadian culture (i.e., holidays, special events, and social etiquette), communication skills for daily living (e.g., common expressions), and contemporary issues (e.g., immigration and the environment). They will explore key historical events, famous Canadians, the diversity of Canadian cultures, and citizenry. Students will develop both language and communication skills through discussions and projects.

Note: Students may not earn credits for both ELST 0064 and ELST 0137

*Prerequisites: ELST 0031 with B- or [Accuplacer 78 or TOEFL iBT 32 or cb-TOEFL 97 or TOEFL 400] and [(Kwantlen ESL Writing band 3 or TWE 2) and KIST score of 25 ] or IELTS 4.5 with a minimum sub-score of 4.0.*

### **ELST 0160 CR-3**

#### **Trades English 1**

Students will develop their vocabulary and English communication skills while gaining proficiency with fundamental language related to tools, machines, and technical processes in preparation for entry-level trades training.

*Prerequisites: EITHER 1:ELST 0041 with B- or [(Accuplacer 88 or cb- TOEFL 133 or TOEFL 450) and (Kwantlen ESL Writing Band 4 or TWE 3)] AND ELST 0043 with B- or KIST 30 or [TSE 30 and (cb-TOEFL Scaled Listening Score 11 or TOEFL Scaled Listening Score 46)] OR 2: TOEFL iBT 45 with no sub-score less than 11*

### **ELST 0162 CR-3**

#### **Grammar I**

Students will study the meaning, form and use of grammar at the intermediate level. They will also develop strategies to identify and correct common grammar and usage errors.

*Prerequisites: (ELST 0041 with B- and 0043 with B-) or [Accuplacer 88 or TOEFL iBT 45 or cb-TOEFL 450) and (Kwantlen ESL Writing Band 4 or TOEFL iBT writing sub-score 15 or TWE 3)] or IELTS 5.0 with no sub-score less than 4.5*

### **ELST 0167 CR-6**

#### **English for Special Purposes**

Students at the intermediate level will learn and practice reading and writing skills that use formats and themes appropriate to selected career paths.

*Prerequisites: Accuplacer 88 AND Kwantlen ESL Writing Band 4*

### **ELST 0181 CR-6**

#### **English for Academic Purposes - Level 1**

Students at the upper-intermediate level will learn and practice academic reading, writing, and study skills.

*Prerequisites: ELST 0041 with B- or [Accuplacer 88 or TOEFL iBT 45 or cb-TOEFL 133 or TOEFL 450) and (Kwantlen ESL Writing Band 4 or TWE 3)] or TOEFL iBT 45 with no sub-score less than 15 or IELTS 5.0 with no sub-score less than 4.5*

### **ELST 0183 CR-6**

#### **Academic Listening and Speaking Skills – Level 1**

Students at the upper-intermediate level will learn and practice listening and speaking skills in preparation for further studies in English.

*Prerequisites: ELST 0043 with B- or (Accuplacer 78 and KIST 30) or [KIST 30 and (TOEFL iBT 45 or cb-TOEFL 97 or TOEFL 400)] or TOEFL iBT 45 with listening sub-score 11 and speaking sub-score 11 or IELTS 5 with 5 in listening/speaking and no sub-score less than 4.5 in any other skills*

### **ELST 0256 CR-3**

#### **TOEFL iBT- Test Preparation**

Students with TOEFL experience and students without TOEFL experience will learn the skills necessary for the TOEFL iBT (Test of English as a Foreign Language- Internet-based Test). They will practice both the independent task portions of the test and the integrated skills portions of the test. Students will also review grammar, vocabulary, and note taking.

*Prerequisites: [ELST 0181 with a B- AND (ELST 0183 with a B- or ELST 0173 with a B-)] or TOEFL iBT 61 or [(Accuplacer 98 or cbTOEFL 173) AND (TSE 35 or SPEAK 35 or IELTS Speaking Band 5 or KIST 35)] or English 12 with a C*

### **ELST 0257 CR-3**

#### **IELTS - Test Preparation**

Students will study materials and test-taking strategies to prepare them for the International English Language Test (IELTS). They will concentrate on the Academic Mode version of the listening, speaking, writing, reading, grammar, vocabulary, and note-taking skills specific to the exam. Students will take practice IELTS tests and perform filmed practice interviews.

*Prerequisites: [ELST 0181 with B- AND (ELST 0183 with B- or ELST 0173 with B-)] or TOEFL iBT 61 or [(Accuplacer 98 or cbTOEFL 173) AND (TSE 35 or SPEAK 35 or IELTS Speaking Band 5 or KIST 35)] or English 12 with C. Note: This course can be taken in conjunction with ELST 0256 TOEFL iBT test preparation (3.0 credits), and ELST 0258 TOEFL iBT (3.0 credits)*

### **ELST 0258 CR-3**

#### **TOEFL iBT- Integrated Skills Practice**

Students with previous TOEFL experience will focus on the more demanding integrated-skills portions of the TOEFL iBT (Test of English as a Foreign Language- Internet-based Test) in order to improve test results. They will learn how to integrate information taken from related listening and reading materials in order to complete writing and speaking tasks. Students will also review selected independent skill areas such as taking notes, recognizing tone, and selecting and using patterns of organization.

*Prerequisites: TOEFL iBT 61 or [cbTOEFL 173 AND (ELST 0183 with a B-, or ELST 0173 with a B-, or TSE 35, or SPEAK 35, or IELTS Speaking Band 5, or KIST 35)].*

**ELST 0260 CR-3****Trades English 2**

Students will develop their English communication skills for entry into Appliance Servicing, Automotive-Industrial Trim, Automotive Parts and Light Warehousing, Automotive Service Technician, Millwright/Industrial Mechanic, Outdoor Power Equipment Technician, or Welding.

*Prerequisites: EITHER 1: ELST 0160 with B- or ELST 0181 with a B- or [(Accuplacer 98 or cb-TOEFL 173 or TOEFL 500) and (Kwantlen ESL Writing Band 5 or TWE 4)] AND ELST 0183 with a B- or KIST 35 or [TSE 35 and (cb- TOEFL Scaled Listening 16 or TOEFL Scaled Listening 50 or IELTS Listening Band 5)]. OR 2: TOEFL iBT 61 with no sub-score less than 15*

**ELST 0261 CR-3****Advanced Pronunciation**

Students at the lower and upper-advanced level will learn and practice skills needed to improve speech clarity.

*Prerequisites: ELST 0183 with a B- or (ELST 0061 with C and ELST 0183 with C) or KIST 35 or TSE 35 or IELTS Speaking Band 5 or SPEAK 35*

**ELST 0262 CR-3****Grammar II**

Students will learn how to identify and correct common grammatical and stylistic errors made by English as a Second Language learners. They will also develop strategies to expand their knowledge of idiomatic usage.

*Prerequisites: ELST 0181 with B- or [Accuplacer 98 and (Kwantlen ESL Writing Band 5 or TWE 4)] or TOEFL iBT 61 with writing sub-score 18 or [cb-TOEFL 173 and (Kwantlen ESL Writing Band 5 or TWE 4)] or [TOEFL 500 and (Kwantlen ESL Writing Band 5 or TWE 4)] or ABEE 0060 or (ABER 0065 and ABEW 0064) or ENGP 1060 or PSPE 1060*

**ELST 0267 CR-3****Writing for Business Concepts - Level 2**

Students will develop writing skills to a lower-advanced level of competence in business English. They will write a range of business communications in order to expand their knowledge of business English, idioms, and vocabulary. Students will improve written accuracy in order to produce effective and credible business communications.

*Prerequisites: ELST 0181 with B- or [(Accuplacer 98 or TOEFL iBT 61 or cb-TOEFL 173 or TOEFL 500) and (Kwantlen ESL Writing Band 5 or TWE 4)] or TOEFL iBT 61 with writing sub-score 18*

**ELST 0273 CR-3****Listening and Speaking Skills for Business - Level 2**

Students will develop listening and speaking skills to a lower-advanced level of competence in business English in order to succeed in university business courses as well as in business settings.

*Prerequisites: ELST 0183 with a B- or (Accuplacer 88 and KIST 35) or TOEFL iBT 61 with listening sub-score 15 and speaking sub-score 15 or [(TSE 35 or SPEAK 35) and (cb-TOEFL Listening Scaled Score 16 or TOEFL Listening Scaled Score 50)] or IELTS 5.5 with no sub-score less than 5.0*

**ELST 0281 CR-6****English for Academic Purposes - Level 2**

Students at the lower-advanced level will learn and practice academic reading, writing, and study skills.

*Prerequisites: ELST 0181 with a B- or [(Accuplacer 98 or TOEFL iBT 61 or cb-TOEFL 173 or TOEFL 500) and (Kwantlen ESL Writing Band 5 or TWE 4)] or TOEFL iBT 61 with writing sub-score 18 or IELTS 5.5 with no sub-score less than 5.0*

**ELST 0283 CR-3****Academic Listening and Speaking Skills – Level 2**

Students at the lower-advanced level will learn and practice listening and speaking skills in preparation for further studies in English.

*Prerequisites: ELST 0183 with a B- or (Accuplacer 88 and KIST 35) or TOEFL iBT 61 with listening sub-score 15 and speaking sub-score 15 or IELTS 5.5 with 5.5 in listening/speaking with no sub-score less than 5.0 in any other skills*

**ELST 0365 CR-6****English Language and Culture**

Students will learn about key events and ideas that have influenced English speaking cultures and the English language so they will understand some of the cultural references encountered in their academic studies. They will develop vocabulary and appropriate usage while learning some of the cultural content covered in the British Columbia curriculum for grades eight through twelve. Through lecture, readings in various genres, film and music, students will study topics such as the influence of the Greeks and Romans.

*Prerequisites: ELST 0281 with C+ or [Accuplacer 108 and (Kwantlen ESL Writing Band 6 or TWE 4.5)] or [TOEFL iBT 79 or cb-TOEFL 213 or TOEFL 550) and (Kwantlen ESL Writing Band 6 or TWE 4.5 or TOEFL iBT writing sub-score 17)] or IELTS 6.0*

**ELST 0367 CR-3****Writing for Business Concepts - Level 3**

Students will learn to write clearly and effectively for business communications. Students will write business letters, faxes, reports, and email messages using contemporary language and idioms. Through group discussions and interactive tasks, students will analyze business texts and situations in order to develop skills for future career success.

*Prerequisites: ELST 0281 with B- or [Accuplacer 108 and (Kwantlen ESL Writing Band 6 or TWE 4.5)] or [ib-TOEFL min. 79 and (Kwantlen ESL Writing Band 6 or TWE 4.5)] or [pb-TOEFL min. 550 and (Kwantlen ESL Writing Band 6 or TWE 4.5)] or (KIST 40 or Accuplacer 108)*

**ELST 0381 CR-6****English for Academic Purposes - Level 3**

Students at the advanced level will learn and practice academic writing and reading skills.

*Prerequisites: ELST 0281 with B- or [(Accuplacer 108 or TOEFL iBT 79 or cb-TOEFL 213 or TOEFL 550) and (Kwantlen ESL Writing Band 6 or TOEFL iBT writing sub-score 21 or TWE 4.5)] or IELTS 6.0 with no sub-score less than 5.5*

### **ELST 0383 CR-3**

#### **Academic Listening and Speaking Skills – Level 3**

Students at the advanced level will practice listening and speaking skills in preparation for further academic studies.

*Prerequisites: ELST 0283 with B- or (Accuplacer 98 and KIST 40) or TOEFL iBT 79 with TOEFL iBT listening sub-score 19 and TOEFL iBT speaking sub-score 19 or IELTS 6.0 with 6.0 with 6.0 in listening/speaking and with no sub-score less than 5.5 in any other skills*

## **ENGLISH QUALIFYING (ENGQ)**

### **ENGQ 1090 CR-1.5 (formerly ENGP 1078)**

#### **Public Speaking**

Students will develop their public speaking skills by learning to express their ideas in an organized and clear manner appropriate to a specific audience and purpose. They will learn about the physiology and psychology of communication anxiety and will learn methods to reduce it. Students will develop their abilities to use effective body language, verbal tone, pace and mannerisms when speaking, and will learn to create speeches that are interesting and clear, using audiovisual aids where appropriate. They will also gain experience in listening to and critiquing peers' speeches and practice constructive ways to give and receive feedback.

*Prerequisites: English 9 (B) or English 10 (C) or ( ABEE 0060 or ENGP 1060) or {( ABEW 0064 or ENGW 1064) and ( ABER 0065 or ENGR 1065)} or ELST 0181 (B) or ELST 0281 (C) or ACP Assessment.*

### **ENGQ 1095 CR-3 (formerly ENGR 1095)**

#### **College Preparatory Reading**

Students will improve their reading skills and comprehension by studying factual and fictional readings. They will recognize organizational patterns, apply reading strategies, expand their vocabularies, listen to and practice oral reading, and recognize purpose, tone and other literary features.

*Prerequisites: English 12 (C) or English 12 First Peoples (C) or English 11 (B) or ENGQ 1099 or ABEE 0091 or ABEE 0092 or ENGQ 1098 (B-) or ABEE 0089 (B-) or ABEE 0081 (B) or [ELST 0381 and ELST 0383 (C+)] or IELTS 6.0 (no band less than 6.0) or iBT 80 or PBT 550 (TWE 4.5) or ACP Assessment*

### **ENGQ 1096 CR-1.5**

#### **University Writing Workshop**

Students will improve their writing skills by receiving instruction and practice in the writing process, editing techniques and the active reading process. They will also study selected language, mechanics and grammar topics chosen according to the needs of the students. Students will use their own completed and graded assignments to study and practice writing in a workshop environment.

Note: This course will support students who are taking Qualifying and Preparatory English courses (ABEE 0091, ABEE 0092, ENGQ 1099)

*Prerequisites: English 12 (C) or English 12 First Peoples (C) or Kwantlen EPT or LPI score 26 or higher-Level 4 or ABEE 0091 (C-) or ENGP 1091 (C-) or ABEE 0097 (C-) or ABEE 0092 (C-) or ENGP 1097 (C-) or ENGQ 1092 (C-) or ELST 0381 (C+) or ENGP 1089 (C) or ENGQ 1098 (C) or ABEE 0081 (B) or ENGP 1081 (B) or IELTS 6.0 (no band less than 6.0) or iBT 80 or PBT 550 (TWE 4.5) or ACP Assessment*

*Co-requisites: It is strongly recommended that students registering in this course take one of ABEE 0091, ABEE 0092 or ENGQ 1099 concurrently. It is strongly recommended that students registering in this course take one of ABEE 0091, ABEE 0092 or ENGQ 1099 concurrently.*

### **ENGQ 1097 CR-3 (formerly ENGP 1079)**

#### **Writing Skills - Focus on Sentences**

Students will learn and practice effective writing, with major focus on correct and effective sentences. They will study and practice the writing process and will write basic paragraphs. Students will practice writing in response to reading critically.

Note: This course does not offer instruction at the Fundamental level of English skills or English as a Second Language.

It is strongly recommended that students seek an individual assessment through the ACP department and register for supplemental coursework as required.

*Prerequisites: English 11 (C) or Comm 12 (C+) or ELST 0281 (C) or ACP Assessment or EPT placement*

### **ENGQ 1098 CR-3 (formerly ENGP 1089)**

#### **Writing Skills - Focus on Paragraphs**

Students will acquire, review and practice grammar skills for writing effective sentences and paragraphs. They will study and practice the process of composition (including brainstorming ideas, thesis creation, composing an outline, writing a draft, revising a draft, editing and proofreading). Students will practice writing in response to reading critically, and they will practice summarizing. They will focus on sentences and paragraphs.

Note: This course does not offer instruction at the Fundamental level of English skills or English as a Second Language.

*Prerequisites: English 12 (P) or English 12 First Peoples (P) or English 11 (C+) or Comm 12 (B) or ABEE 0079 (C) or ENGP 1079 (C) or ENGQ 1097 (C) or ABEE 0070 (C) or ENGP 1070 (C) or LPI score 23, level 3 or ACP assessment or EPT placement*



## **ENGQ 1099 CR-3 (formerly ENGL 1099)**

### **Writing Skills with Readings**

Students will study and practice the process of composition (including brainstorming ideas, thesis creation, composing an outline, writing a draft, revising a draft, editing and proofreading). They will acquire, review and practice grammar skills. Students will practice writing in response to reading critically. They will apply the writing process to the composition of paragraphs and short essays.

NOTE: This course does not offer instruction at the Fundamental or Intermediate level of English skills or English as a Second Language.

*Prerequisites: English 12 (C) or English 12 First Peoples (C) or Kwantlen EPT or LPI score 26 or higher-Level 4 or ABEE 0091 (C-) or ENGP 1091 (C-) or ABEE 0097 (C-) or ABEE 0092 (C-) or ENGP 1097 (C-) or ELST 0381 (C+) or ABEE 0089 (C) or ENGP 1089 (C) or ENGQ 1098 (C) or ABEE 0081 (B) or ENGP 1081 (B) or ACP Assessment or IELTS 6.0 (no band less than 6.0) or iBT 80 or PBT 550 (TWE 4.5)*

*Co-requisites: Students who are entering with a C grade in ENGL 12 are strongly recommended to take ENGQ 1096 concurrently. Students who are entering with a C grade in ENGL 12 are strongly recommended to take ENGQ 1096 concurrently.*

## **ENGLISH FOR TRADES (ENGT)**

### **ENGT 1015 CR-1.5 (formerly MWIN 1145)**

#### **Communication Skills for Trades I**

Students will develop the basic oral and written communication skills needed to complete their trades courses and to function efficiently on the job site. They will practice and develop skills in active listening and speaking and learn correct presentation for classroom and work-related writing. Students will also develop skills in technical reading.

### **ENGT 1025 CR-1.5 (formerly MWIN 1245)**

#### **Communication Skills for Trades II**

Students will further develop their oral and written communication skills to complete their trades courses and to function efficiently on the job site. They will expand their oral communication skills by looking at job-related conflict resolution and their writing skills by learning specific task-related skills.

*Prerequisites: ENGT 1015*

## **ENTREPRENEURIAL LEADERSHIP (ENTR)**

### **ENTR 3000 CR-3 (formerly ENTR 3500)**

#### **Advanced Professional Business Communications**

Students will study theories and principles for writing correspondence including electronic proposals, business plans, executive summaries and other research reports, including a collaborative report. They will complete written and oral communication assignments that emphasize interpersonal, team-building and leadership skills.

### **ENTR 3110 CR-3**

#### **Advanced Organizational Behaviour**

Students will complete a diagnosis of an organizational setting for the purposes of: managing change, improving performance and increasing organizational effectiveness. Students will use their diagnosis to develop a portfolio that will include: activity management, personal management, conflict and stress management, values, attitudes, group dynamics, leadership and team development, corporate politics and business negotiations.

### **ENTR 3120 CR-3**

#### **Managerial Accounting for Entrepreneurs**

Students will learn managerial accounting tools to help make decisions in a business environment. Students will review and analyze managerial accounting practices of different industries. Students will study topics which include relevant costs and revenues, budget development and analysis, capital budgeting and performance measurement tools. Students will apply concepts learned by using cases and applied exercises.

### **ENTR 3130 CR-3**

#### **Production and Operations Management**

Students will learn and practice the strategic approaches and implementation tools used in the field of production and operations management. They will be exposed to leading practices employed by entrepreneurs and managers particularly in small and medium-sized enterprises in Canada. Students will apply these approaches and tools to solve problems through exercises, case analyses, and a term project involving direct or simulated work with real-world organizations.

### **ENTR 3140 CR-3**

#### **Entrepreneurial Marketing**

Students will learn to address complex marketing problems that need to be addressed with limited resources and recognition of the financial, operational, and HR consequences of the chosen strategy. Students will develop their problem solving, decision-making and planning skills through case analyses and applied exercises. They will also complete a marketing project for a local small business or community organization. Students will be required to undertake both individual and group work, drawing from the full range of business courses taken thus far.

### **ENTR 3150 CR-3**

#### **Business Economics**

Students will learn and apply economic concepts that directly relate to decisions made in small and medium-sized businesses. They will develop broad analytical skills useful for entrepreneurial decision-making.

### **ENTR 3160 CR-3**

#### **Information Technology for Business**

Students will learn and practice how Information Technology (IT) can assist decision makers in business to be more efficient and effective. They will also learn and practise how to plan, analyze, develop, implement, use and manage information and systems that support the business process from a strategic and competitive advantage perspective.

### **ENTR 3170 CR-3**

#### **Entrepreneurial Finance**

Students will learn current financial management theories along with the technical skills necessary to maximize the economic value of the firm for its shareholders. Using the case-study method, students will learn how to identify, define and resolve the issues faced by financial managers in small and medium-sized companies.

**ENTR 4105 CR-3****Corporate Communications and Investor Relations**

Students will study the policies and procedures that inform, govern, and regulate corporate communications and investor relations within Canada's equity markets with an emphasis on junior companies trading on the TSX and TSX-Venture exchanges. They will complete written and oral assignments that will help prepare them for employment opportunities in public companies. Students will gain a thorough understanding of disclosure requirements, mandated corporate communications, and investor-relations strategies.

*Prerequisites: Acceptance into the Bachelor of Business Administration Program*

**ENTR 4110 CR-3****Business Leadership**

Students will study the business leadership process as well as applied and practical leadership techniques. They will develop and practice leadership skills through self-assessment exercises, role-playing simulations and other 'hands-on' experience. Students will study other topics such as leadership in entrepreneurial and intrapreneurial settings, small- to medium-size business culture, effective team leadership and self-leadership.

*Prerequisites: (ENTR 3000 or ENTR 3500) and (ENTR 3110 or HRMT 3115)  
Transferable (refer to transfer guide)*

**ENTR 4120 CR-3****Human Resource Management**

Students will acquire an in depth understanding of the human resource (HR) management needed to enable an organization to face changes and challenges. Students will engage in research, present key findings and engage in best practice dialogues around a variety of key human resource management concepts, including legal and diversity issues, employee acquisition and deployment, performance management, career development, employee compensation and rewards, employee communications and discipline, union- management relations, occupational health and safety, and international human resource management.

*Prerequisites: ENTR 3110*

**ENTR 4140 CR-3****Entrepreneurial Sales and Customer Service**

Students will be introduced to the basic selling process, make formalized sales presentations and learn and practice effective customer service with emphasis placed on understanding loyalty, total quality management (TQM), benchmarking, internal customers and communications.

*Prerequisites: ENTR 3140*

**ENTR 4200 CR-3****Business Strategy**

Students will focus on the conceptual and practical aspects of strategic decision making in business. They will learn how to formulate strategies, evaluate strategic alternatives using financial and non financial criteria, implement strategies and manage strategic change in organizations through a series of case analyses, business exercises and current examples from industry.

*Prerequisites: ENTR 3130 and ENTR 3140 and (either ENTR 3170 or ACCT 2380 or ACCT 3380)*

**ENTR 4250 CR-6****Entrepreneurial Leadership Practicum**

Students will manage, design, prepare and present a comprehensive project that will meet the requirements of a client organization. They will develop and complete a significant project in partnership with businesses or as part of developing an entrepreneurial endeavour. Students will gain the opportunity to practice the integration of business skills and concepts.

*Prerequisites: 27 ENTR credits, including ENTR 4200*

**ENTR 4300 CR-3****Entrepreneurial Management for Service Companies**

Students will analyze and gain insight into a variety of service industry sectors such as the tourism and sports and entertainment industries. They will design and implement a plan for the marketing of services and service companies through the use of cases, industry projects and applied assignments. Students will acquire a practical and strategic understanding of how the marketing of services and service companies differs from that of product marketing.

*Prerequisites: ENTR 3140*

**ENTR 4848 CR-3****Global Marketing Strategies**

Students will explore various marketing strategies and activities that enable corporations to be competitive in the global economy and market. Areas of emphasis include segmentation, market analysis, international advertising and promotion, personal selling and personnel management, pricing, distribution systems, export trade mechanics and logistics, financial requirements for international marketing, and coordinating and controlling global operations.

## ENVIRONMENTAL PROTECTION TECHNOLOGY (ENVI)

**ENVI 1106 CR-4****Environmental Chemistry I**

Students will study chemistry with a focus on environmental issues and applications. They will study concentration units, volumetric and gravimetric analysis, gases and organic chemistry with applications relevant to environmental issues.

*Prerequisites: (CHEQ 1094 or Chemistry 11 [C+] or Chemistry 12 [P] and (MATQ 1093 or ABEM 0011 or MATP 1011 or PSPM 1082 or Principles of Mathematics 11)*

*Co-requisites: MATH 1117 MATH 1117*

**ENVI 1121 CR-3****Environmental Issues**

Students will learn to identify the basic scientific and social principles that underlie the main current environmental issues. They will also examine local and global case studies and will study the effects of pollution and resource degradation on society.

**ENVI 1206 CR-4****Environmental Chemistry II**

Students will study chemistry with a focus on environmental issues and applications. They will study oxidation-reduction reactions, general equilibria (with applications to electrochemistry, solubility, and acids and bases), intermolecular forces (with applications to miscibility and boiling/freezing points), with focus on environmental applications.

*Prerequisites: (ENVI 1106 or CHEM 1110) and (MATH 1117 or [Principles of Mathematics 12 with a C+] or [Pre-calculus 12 with a C+])*

*Transferable (refer to transfer guide)*

**ENVI 1216 CR-4****Introduction to Earth Sciences**

Students will study the basic principles of geology, hydrogeology, hydrology, and atmospheric science. They will learn the key physical mechanisms that affect the transport and transformation of pollutants released in the environment.

*Prerequisites: ENVI 1121*

*Transferable (refer to transfer guide)*

**ENVI 2305 CR-3****Environmental Toxicology**

Students will study the principles of toxicology and the toxicological testing of chemicals, with emphasis on environmental pollutants.

*Prerequisites: (ENVI 1206 or CHEM 1210) and BIOL 1210*

*Transferable (refer to transfer guide)*

**ENVI 2307 CR-4****Environmental Physics**

Students will learn the basic principles of physics that apply to environmental concerns. They will study topics in fluid mechanics and electricity and perform labs that illustrate the physical principles underlying common environmental instrumentation.

*Prerequisites: (MATH 1117 or MATH 1112 or [MATH 1111 and 1113] or Principles of Math 12 with a C) and (PHYP 1011 or PHYQ 1098 or Physics 11 with a C)*

**ENVI 2310 CR-3****Solid Waste Management**

Students will learn the principles of pollution prevention, waste minimization, recycling, landfill operation, incineration, and composting. They will study the basic concepts of environmental management systems and environmental audits.

*Prerequisites: ENVI 1121*

**ENVI 2315 CR-4****Water and Soil Sampling**

Students will gain experience with the field sampling procedures, instrumentation and analytical methods used in water, soil, and sediment assessment and control.

*Prerequisites: ENVI 1121 and (ENVI 1106 OR CHEM 1110)*

**ENVI 2405 CR-3****Environmental Legislation**

Students will study current environmental legislation at the federal, provincial, and municipal levels. They will learn the correct procedures for adhering to current legislation. Students will participate in a case study, and will identify stakeholders and relevant legislation and regulations.

**ENVI 2410 CR-3****Water Resources Protection**

Students will learn the principles of operation of physical, chemical, and biological treatment systems for water and wastewater. They will also learn the principles of flood control, erosion prevention, and other methods of aquatic protection.

*Prerequisites: ENVI 1216 and ENVI 2307 and ENVI 2315*

**ENVI 2415 CR-4****Air Quality Monitoring**

Students will gain experience with comprehensive sampling, instrumentation and analytical techniques used in ambient air and source monitoring, and will learn to apply the scientific principles underlying air monitoring and air quality issues.

*Prerequisites: ENVI 1216 and ENVI 2307*

**ENVI 2420 CR-4****Contaminated Sites Management**

Students will learn the basic principles of contaminated sites management, including site assessment procedures, remediation methods, and the regulatory framework. They will also study the movement of contaminants in soils and groundwater.

*Prerequisites: (ENVI 1206 or CHEM 1210) and ENVI 1216*

**ENVI 2426 CR-3.5****Health and Safety**

Students will study the dangers of hazardous materials through WHMIS and Transportation of Dangerous Goods systems and will learn safe emergency response procedures for spill incidents and the use of protective suits and respirators. They will also learn to recognize and control common contaminated sites hazards through the development of site health and safety plans

*Prerequisites: (ENVI 1206 or CHEM 1210) and ENVI 2305*

**ENVI 2900 CR-3****Research Project**

Students will engage in an intensive study of a selected topic in environmental protection technology. They will select a research topic, collect and interpret data, write a report on the results of the project, and present their results.

*Prerequisites: (ENVI 1106 or CHEM 1110) and ENVI 2315 and MATH 1115*

**ENVI 3112 CR-3****Environment and Society**

Students will analyze environmental issues within their social contexts. They will examine the origins of public perception of environmental issues, including the role of the media, activists, whistle-blowers, and the artistic community. Students will debate the respective importance of science and public perception in influencing government policy in selected case studies

*Prerequisites: 60 credits of 1100-level or higher courses*

**ENVI 3212 CR-3****The Urban Environment**

Students will analyze environmental issues within the contexts of community projects. They will conduct a local project, from initial fact-finding and community liaison to formal proposal, and will quantify its potential impacts using local case studies as a guide.

*Prerequisites: 60 credits of 1100-level or higher courses*

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# FARRIER TRAINING (FARR)

## FARR 1111 CR-2

### Introduction to Horseshoeing

This introductory course teaches the student farrier the professional responsibilities of the trade. The student also reviews the fundamentals of horse handling and learns the basics of foot preparation and shoeing.

*Prerequisites: Two years' horse handling experience & standard entry requirements.*

*Co-requisites: FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116 FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116*

## FARR 1112 CR-3

### Introduction to Equine Anatomy

The student farrier learns the conformation of the normal horse in FARR 1112. The anatomy and physiology of the lower limbs are also studied in preparation for basic shoeing exercises.

*Prerequisites: Two years' horse handling experience and standard Kwantlen entry requirements.*

*Co-requisites: FARR 1111, FARR 1113, FARR 1114, FARR 1115, FARR 1116 FARR 1111, FARR 1113, FARR 1114, FARR 1115, FARR 1116*

## FARR 1113 CR-2

### Introduction to Horse Husbandry and Handling

FARR 1113 teaches the basic elements of horse care and management. Students work at handling and shoeing average and difficult horses in the shop.

*Prerequisites: Two years' horse handling experience and standard Kwantlen entry requirements.*

*Co-requisites: FARR 1111, FARR 1112, FARR 1114, FARR 1115, FARR 1116 FARR 1111, FARR 1112, FARR 1114, FARR 1115, FARR 1116*

## FARR 1114 CR-2

### Introduction to Gaits and Forge Work

This course teaches the student the analysis of a horse's way of going. Lameness and the various gaits are studied and basic forge work is carried out in the shop.

*Prerequisites: Two years' horse handling experience and standard Kwantlen entry requirements.*

*Co-requisites: FARR 1111, FARR 1112, FARR 1113, FARR 1115, FARR 1116 FARR 1111, FARR 1112, FARR 1113, FARR 1115, FARR 1116*

## FARR 1115 CR-2

### Introduction to Horse Lameness

In this course, the student learns how to identify lameness and unsoundness in horses, as well as how to communicate effectively with horse owners and veterinarians using professional terminology.

*Prerequisites: Two years' horse handling experience and standard entry requirements.*

*Co-requisites: FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1116 FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1116*

## FARR 1116 CR-1

### Introduction to Specialized Horses

FARR 1116 teaches identification and general characteristics of common breeds and performance horses. Selection and safe operation of mobile units conclude this basic course.

*Prerequisites: Two years' horse handling experience and standard entry requirements.*

*Co-requisites: FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115 FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115*

## FARR 1211 CR-2

### Intermediate Horseshoeing

FARR 1211 builds on the foot preparation and shoeing skills acquired in the introductory program. The field of public relations is practiced with professionals.

*Prerequisites: FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116*

*Co-requisites: FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216 FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216*

## FARR 1212 CR-3

### Intermediate Equine Anatomy

FARR 1212 advances the student's knowledge of horse conformation to an intermediate level. Anatomy and physiology are studied in depth as well for application in shoeing.

*Prerequisites: FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116*

*Co-requisites: FARR 1211, FARR 1213, FARR 1214, FARR 1215, FARR 1216 FARR 1211, FARR 1213, FARR 1214, FARR 1215, FARR 1216*

## FARR 1213 CR-2

### Intermediate Horse Husbandry and Handling

FARR 1213 teaches the intermediate skills of horse care and management. Students work in the shop handling and shoeing average and difficult horses.

*Prerequisites: FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116*

*Co-requisites: FARR 1211, FARR 1212, FARR 1214, FARR 1215, FARR 1216 FARR 1211, FARR 1212, FARR 1214, FARR 1215, FARR 1216*

## FARR 1214 CR-2

### Intermediate Gaits and Forge Work

This course teaches the student intermediate skills in the analysis of a horse's way of going. Gaits and lameness are studied, and forge work is refined to the intermediate level.

*Prerequisites: FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116*

*Co-requisites: FARR 1211, FARR 1212, FARR 1213, FARR 1215, FARR 1216 FARR 1211, FARR 1212, FARR 1213, FARR 1215, FARR 1216*

## FARR 1215 CR-2

### Intermediate Studies of Lameness

The intermediate farrier student learns to identify and report on lameness, unsoundness and faulty ways of going. Business skills are further refined in this intermediate course.

*Prerequisites: FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116*

*Co-requisites: FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1216 FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1216*

### **FARR 1216 CR-1**

#### **Intermediate Study of Specialized Horses**

This intermediate course strengthens the farrier student's knowledge of specialized breeds and performance horses. Show regulations of the American Horse Show Association are studied.

*Prerequisites:* FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116

*Co-requisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215 FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215

### **FARR 1311 CR-2**

#### **Advanced Horseshoeing**

In FARR 1311, the student farrier advances to the professional level of skill in shoeing. Accompanying this practical study, the student refines knowledge of professional relationships and effective public relations as a business person.

*Prerequisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216

*Co-requisites:* FARR 1312, FARR 1313, FARR 1314, FARR 1315, FARR 1316 FARR 1312, FARR 1313, FARR 1314, FARR 1315, FARR 1316

### **FARR 1312 CR-3**

#### **Advanced Equine Anatomy**

The student farrier conducts advanced study of the conformation of the normal horse in FARR 1312. The anatomy and physiology of the lower limbs are studied in preparation for advanced shoeing exercises.

*Prerequisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216

*Co-requisites:* FARR 1311, FARR 1313, FARR 1314, FARR 1315, FARR 1316 FARR 1311, FARR 1313, FARR 1314, FARR 1315, FARR 1316

### **FARR 1313 CR-2**

#### **Advanced Horse Husbandry and Handling**

FARR 1313 teaches the advanced skills of horse care and management. Students work in the shop handling and shoeing specialized horses.

*Prerequisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216

*Co-requisites:* FARR 1311, FARR 1312, FARR 1314, FARR 1315, FARR 1316 FARR 1311, FARR 1312, FARR 1314, FARR 1315, FARR 1316

### **FARR 1314 CR-2**

#### **Advanced Gaits and Forge Work**

In FARR 1314 the student completes the study of gaits and lameness. The forge skills of the farrier's trade are mastered.

*Prerequisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216

*Co-requisites:* FARR 1311, FARR 1312, FARR 1313, FARR 1315, FARR 1316 FARR 1311, FARR 1312, FARR 1313, FARR 1315, FARR 1316

### **FARR 1315 CR-2**

#### **Advanced Studies of Lameness**

FARR 1315 completes the student farrier's work in the areas of lameness, unsoundness and faulty ways of going. Effective techniques in business and customer relations prepare the student for individual enterprise in the farrier field.

*Prerequisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216

*Co-requisites:* FARR 1311, FARR 1312, FARR 1313, FARR 1314, FARR 1316 FARR 1311, FARR 1312, FARR 1313, FARR 1314, FARR 1316

### **FARR 1316 CR-1**

#### **Advanced Study of Specialized Horses**

This advanced course concludes the farrier's study of breeds and performance horses. The safe, effective and economical operation of a mobile shoeing unit are also covered in FARR 1316.

*Prerequisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216

*Co-requisites:* FARR 1311, FARR 1312, FARR 1313, FARR 1314, FARR 1315 FARR 1311, FARR 1312, FARR 1313, FARR 1314, FARR 1315

## **FASHION DESIGN AND TEXTILE STUDIES (FSDN)**

### **FSDN 4100 CR-2**

#### **Textile Studies for Teachers: Pattern Drafting & Garment Construction**

Students will practice, assess, and update classroom techniques in pattern drafting and manipulation, and garment construction. They will develop patterns for one top (hooded sweatshirt, vest, blouse or simple jacket) and one bottom (skirt or pants) to be produced as full-scale garments. Students will use a wide range of garment construction techniques.

Note : This course, offered as part of a certificate in collaboration with UBC, is designed for teachers of secondary and post-secondary textiles studies who want to strengthen their knowledge in the area, or for teachers who want to develop expertise for the teaching of textiles studies.

*Prerequisites:* Teacher training or teaching experience in secondary Home Economics or post-secondary Fashion or Clothing & Textiles and sewing experience

### **FSDN 4102 CR-2**

#### **Textile Studies for Teachers: Personal Pattern-Making Using Adterns® Software**

Students will learn to create and use basic garment pattern blocks as templates to style fashionable pre-fitted sewing patterns. They will use CADTERNS® software to instantly draft and use their own personal fitted patterns for testing and assignments.

Note: This course, offered as part of a certificate in collaboration with UBC, is designated for teachers of secondary and post-secondary textile studies who want to develop expertise for the teaching of textile studies.

*Prerequisites:* Teacher training or teaching experience in secondary Home Economics or post-secondary Fashion or Clothing & Textiles and sewing experience

### **FSDN 4103 CR-2**

#### **Textile Studies for Teachers: Computer Applications for Textile Studies and Fashion Design**

Students will learn to use a variety of computer programs that can be applied in their high school classroom. Emphasis will be on using Photoshop® to manipulate fashion images, create story boards and develop fabric prints. They will use CADterns® software to draft personally fitted basic garment pattern blocks. Students will also explore the Internet to develop research skills and find suitable websites for teaching costume history, textiles, design, and merchandising. Students will compile course work into a PowerPoint® presentation.

Note: This course, offered as part of the Textile Studies certificate in collaboration with UBC, is designated for teachers of secondary and post-secondary textile studies who want to develop expertise for the teaching of textile studies. Students enrolled or planning to enroll in Home Economics Education may take this course. Basic computer skills required.

## **FASHION MARKETING (FMRK)**

### **FMRK 1105 CR-3**

#### **Computer Applications for Fashion Marketing**

Students will examine the role of computers in the business world of fashion. They will be introduced to the Microsoft Windows operating system, and will use the Internet and the Microsoft Office spreadsheet, presentation and word processing software to develop solutions for fashion-related business activities. Students will explore the capabilities of Adobe Photoshop® using various tools and techniques to create fashion marketing-related artwork. They will use Adobe InDesign® to design and build layouts and create print materials.

*Co-requisites: FMRK 1115 FMRK 1115*

### **FMRK 1115 CR-2.5**

#### **The Apparel Market**

Students will acquire an historical awareness of the apparel industry and the current workings of the industry in local, national and global contexts. They will learn to identify the sectors of the industry from raw materials through to design, production and marketing to the consumer. Through market research students will explore and attend events, network with store owners and develop job contacts for marketing related opportunities. They will also explore a variety of careers available in design and marketing and how these positions interrelate.

Note: This course is identical to FASN 1115. Students will not be able to earn credits for more than one of FASN 1115 or FMRK 1115.

*Co-requisites: FMRK 1105 FMRK 1105*

### **FMRK 1150 CR-2**

#### **Fashion Retail Work Experience**

Students will work 80 hours, paid or volunteer, to gain an understanding of the retail component of fashion in order to further their fashion marketing knowledge and skills. They will provide evidence of their learning in journal form, self assessment, and reference letters.

Note: This course is identical to FASN 1150. Students will not be able to earn credits for more than one of FASN 1150 or FMRK 1150.

### **FMRK 1205 CR-3**

#### **Visual Communication for Fashion Marketing**

Students will develop their fashion communication skills in a visual context. They will explore the fundamental elements and principles of design, and apply them to current visual fashion marketing strategies. Students will experiment with concepts of layout using fashion figures, terminology, and fashion product such as apparel and accessories. They will create a variety of fashion marketing images to increase their visual literacy in relation to prevailing industry formats.

*Prerequisites: FMRK 1105 and FMRK 1115 or FASN 1115*

*Co-requisites: MRKT 1199 MRKT 1199*

### **FMRK 1215 CR-3**

#### **Textile Science**

Students will develop their knowledge of how fabrics are created and used, and will be able to apply that understanding to make appropriate fabric choices in design and production. They will learn how factors such as industry issues, sourcing practices, labeling laws, fabric finishes and care instructions affect design, production and marketing decisions.

Note: Students may get credit for only one of FMRK 1215 or FASN 1215.

*Prerequisites: FMRK 1115 or FASN 1115*

### **FMRK 1250 CR-3**

#### **Fashion and Consumers**

Students will study the supply and demand for fashion products and services and business opportunities for local retail and wholesale markets. They will practice matching consumer preferences to finished product. Students will investigate job opportunities and entrepreneurial ventures in sales and marketing and explore local fashion districts. They will research, write market reports and present a marketing plan for a new start-up fashion business.

Note: Students may earn credits for only one of FMRK 1250 or FMRK 2250 or FASN 2250 as they are equivalent courses.

*Prerequisites: FMRK 1105 and FMRK 1115 and FMRK 1150*

### **FMRK 2105 CR-3**

#### **Visual Fashion Merchandising and Promotion**

Students will explore visual concepts of fashion marketing and promotion in 2-dimensional and 3-dimensional formats. They will interpret the elements and principles of design as they relate to 3-D areas, such as retail display spaces. Students will examine careers in visual merchandising and fashion promotion by experimenting with window and in-store display, creating merchandising floor plans for retail, styling still-photography shoots and creating fashion runway looks with garments. Students will identify current local and global trends in apparel, display, advertising and promotion as it pertains to the fashion industry.

*Prerequisites: FMRK 1205*

*Co-requisites: FASN 1150 or FMRK 1150 FASN 1150 or FMRK 1150*

**FMRK 2115 CR-3****Fashion Forecasting**

Students will engage in examination of historical fashion trends to determine how influences such as politics, economics, social and cultural movements impact the evolution of apparel and textiles. Through analysis of consumer trends and market segmentation, students will research applicable influences from areas such as design, art, music, architecture and lifestyle. Students will present a visual, verbal, and written proposed forecast with a rationale, based on interpretation and resulting analysis.

*Prerequisites: FMRK 1205*

**FMRK 2120 CR-3****Fashion Writing**

Students will examine techniques for effective writing in the context of fashion marketing and promotion. Students will practice various fashion writing techniques such as show reporting, web writing, print and broadcast advertising, public relations copy, and editorial content in newspapers and magazines. Students will apply research, critical thinking, and writing skills using case studies and industry profiles

*Prerequisites: FMRK 1205 and (FASN 1215 or FMRK 1215)*

**FMRK 2205 CR-3****Fashion Buying**

Students will expand their knowledge of the retail industry including development and distribution of consumer apparel products. They will examine the financial aspects of merchandising including pricing strategies, sales planning and purchasing of retail inventories. Students will also analyze merchandise control, productivity assessment, and in-store presentation.

*Prerequisites: (ACCT 1110 or ACCT 1130 or ACCT 2293) and FMRK 2105 and FMRK 2115*

**FMRK 2215 CR-3****Fashion Events and Promotions**

Students will learn to organize and manage a fashion event including: event project management, research and design of on-site coordination, logistics, budgeting, promotion, fundraising, and evaluating the event's success. They will determine venue, theme, activities and will stage the event in the semester. Students will learn about publicity and will prepare media releases, public service announcements, and event communications plans.

*Prerequisites: FMRK 2120*

**FMRK 2240 CR-1.5****Fashion Marketing Work Experience**

Students will conduct a 40 hour work placement in an apparel marketing organization. They will increase their knowledge of fashion marketing practices, develop contacts in the industry and identify opportunities for their place as professionals in the field.

*Prerequisites: FMRK 2105*

# FASHION AND TECHNOLOGY (FASN)

**FASN 1100 CR-3****Fundamentals of Fashion Design**

Students will work with the elements and principles of design as they relate to fashion. They will develop their ability to experiment with design process in two- and three-dimensions, and to formulate solutions to fashion design problems (with an emphasis on textiles and the use of a sketchbook).

*Co-requisites: FASN 1120 FASN 1120*

**FASN 1115 CR-2.5****The Apparel Industry**

Students will acquire an historical awareness of the apparel industry and the current workings of the industry in local, national and global contexts. They will learn to identify the sectors of the industry from raw materials through to design, production and marketing to the consumer. Through field research, students will discover the wide range of local niche market apparel companies. Students will explore a variety of careers available in design, production and marketing of apparel and how the positions interrelate. They will determine their place as professionals in the field.

Note: This course is identical to FMRK 1115. Students will not be able to earn credits for more than one of FASN 1115 or FMRK 1115.

*Prerequisites: English 12 (B) or ENGL 1099 or ABEE 0091 or ENGP 1091 or ABEE 0092 or ABEE 0097 or ENGP 1097 or Kwantlen English Placement Test placement or an LPI Essay score of 30 – Level 5 or (ELST 0381 & 0383 B)*

**FASN 1120 CR-3.5****Production Basics I**

Students will analyze and draft basic patterns. They will research, draft and construct basic apparel components and create production reference binders. They will study and practice the fundamentals of quality control.

*Co-requisites: FASN 1100 FASN 1100*

**FASN 1150 CR-2****Fashion Retail Work Experience**

Students will work 80 hours, paid or volunteer, to gain an understanding of the retail component of fashion in order to further their design, production and marketing knowledge and skills. They will provide evidence of their learning in journal form, self assessment, and reference letters.

Note: This course is identical to FMRK 1150. Students will not be able to earn credits for more than one of FASN 1150 or FMRK 1150.

*Prerequisites: English 12 (B) or ENGQ 1099 or ABEE 0091 or ENGP 1091 or Kwantlen English Placement Test or an LPI essay score of 30 or higher or [ELST 0381(B) and 0383 (B)]*

**FASN 1205 CR-3****Computer Applications for Fashion**

Students will examine the role of computers in the business world of fashion. They will be introduced to the Microsoft Windows® operating system, and will use the Internet and the Microsoft Office® spreadsheet, presentation and word processing software to develop solutions for fashion related business activities. Students will explore the capabilities of Adobe Illustrator® using Illustrator's tools and techniques to create fashion related visuals.

**FASN 1215 CR-3****Textile Science**

Students will develop their knowledge of how fabrics are created and used, and will be able to apply that understanding to make appropriate fabric choices in design and production. They will learn how factors such as industry issues, sourcing practices, labeling laws, fabric finishes and care instructions affect design, production and marketing decisions.

*Prerequisites: FASN 1115*

**FASN 1220 CR-6****Production Basics II**

Students will select and manipulate blocks to develop finished patterns. They will research fit and construction techniques to complete finished garments. Students will learn the basics of specification sheets and flat garment measurement. They will build on their production reference binders through drafting and constructing more complex components. Students will continue to study and practice quality control. They will begin to develop a critical eye for line and proportion.

*Prerequisites: FASN 1120*

**FASN 1230 CR-2****Fashion Drawing I**

Drawing nude and clothed figures, students will observe, analyze, imagine, and record fashion design ideas for various target markets. They will examine different kinds of fashion drawing, and will develop initial design sketches into presentation sketches, using drawing to communicate messages in design, production and marketing contexts. Students will develop critical awareness through studying cultural and historical influences affecting fashion drawing.

*Prerequisites: FASN 1100*

**FASN 2100 CR-3****Fashion Design I**

Students will apply their knowledge and skills in a practical focus through links with industry and concurrent fashion classes. They will explore garment design solutions for specific contexts using historical, international, and local resources. They will formulate design solutions based on trend, forecasting, and market research. Students will critically analyze the diversity of design solutions and connect them to a social context.

*Prerequisites: FASN 1100 and FASN 1150 and FASN 1230 and 3 credits of any 1st year (or higher) MRKT course*

*Co-requisites: FASN 2120 and FASN 2130 FASN 2120 and FASN 2130*

**FASN 2115 CR-2.5****History of Costume**

Students will examine costume history and its relationship to social, economic, and political events. They will investigate western fashion developments and expand their appreciation of fashion sources from other areas of the world. Through class projects, students will draw on historical knowledge to analyze and predict current fashion and to create design solutions which reference historical costume.

*Prerequisites: 3 credits of ENGL 1100 or any first year post secondary English or higher*

**FASN 2120 CR-7****Style Production I**

Students will apply complex drafting and construction skills and knowledge to create marketable garments, making connections to FASN 2100 Fashion Design I. They will create specification packages, work with specialty fabrics, and expand their production resource binders. Students will continue to study and practice fit and quality control as well as critique line and proportion in garments.

*Prerequisites: FASN 1220*

*Co-requisites: FASN 2100 FASN 2100*

**FASN 2130 CR-2****Technical Fashion Drawing**

Students will understand the different uses and kinds of technical fashion drawing. They will convey design ideas using technical drawings and terminology to accurately specify proportion, style and detail. Drawings will be developed initially by hand and developed using Adobe Illustrator® and incorporating Adobe Photoshop®. Students will produce a digital based portfolio focusing on technical fashion drawings.

*Prerequisites: FASN 1230, FASN 1205, FASN 1220*

*Co-requisites: FASN 2100 FASN 2100*

**FASN 2200 CR-5****Fashion Design and Drawing II**

Students will examine how design decisions affect production and marketing. Through links with industry, they will apply their knowledge and abilities in a practical focus. They will explore and critically analyze the balance between creativity and marketability through colour and textile experiments and choices. Students will create a portfolio of work applicable to job interviews.

*Prerequisites: FASN 2100, FASN 2130, FASN 2115*

*Co-requisites: FASN 2220 FASN 2220*

**FASN 2220 CR-7****Drafting and Sewing IV**

Students will be able to draft and sew high quality, marketable garments using standard-size body measurements. They will further develop their drafting manipulation skills to create production-ready patterns. By using sewing sample techniques acquired in previous courses, they will produce full-size garments such as swimsuits, coats, outdoor jackets, and menswear. There will be an emphasis on quality and efficiency. Students will be able to translate an original design into a saleable, finished product.

*Prerequisites: FASN 2120*

*Co-requisites: FASN 2200 FASN 2200*

**FASN 2240 CR-3****Computer-Based Pattern Drafting**

Students will learn how to operate the TukaCAD™ computer pattern drafting systems in preparation for industry practice in grading, marker making, and pattern manipulation, with emphasis on manipulating pattern pieces to create new styles. Students will become familiar with computer-based drafting systems and the use of computers in local apparel design and manufacturing companies

*Prerequisites: FASN 1205 and FASN 2120*



**FASN 2250 CR-3****The Business of Fashion**

Students will develop skills and practice in researching a fashion product from concept to customer. They will study the influences on fashion change, supply and demand for products and services, and explore business opportunities for the local retail and wholesale sector. Students will explore job opportunities and entrepreneurial ventures. They will write customer profiles, market district critiques, and a marketing plan for a small fashion-oriented business, and practice presenting their results

*Prerequisites: FASN 1115 and 3 credits of MRKT 1100-level or higher courses*

**FASN 3100 CR-3****Textile Design**

Through the study and analysis of the fabric traditions of different cultures, combined with class exercises, students will be able to create and produce unique textiles. They will increase their understanding of the components of structural and surface design processes in producing textile designs using a variety of media and techniques. They will understand the nature of textile design problems and will communicate solutions visually and verbally. This course connects to fashion design courses.

*Prerequisites: acceptance into 3rd year*

**FASN 3120 CR-7****Mass Manufacturing**

Students will research and practice mass manufacturing methodologies. They will practice pattern grading techniques manually and digitally using apparel industry-specific software. Computer-based markers (pattern piece layouts on fabric) will be produced from student-generated graded patterns. They will study and simulate domestic and global production planning and management. They will create complete specification packages and quality control manuals. Students will also review the use of CAD in the apparel industry. They will practice and assess team dynamics in a production environment. They will analyze the inter-relationships between production, design, and marketing functions within an apparel company.

*Prerequisites: acceptance into FASN 3rd year*

**FASN 3130 CR-4****Draping**

Students will study, research and apply the techniques of draping in design and patternmaking. They will develop skills in translating draped designs to flat patterns. Students will create a digital reference of draped designs which will include examples of design concepts and provide a visual record that portrays stages of development in a variety of draped techniques. They will continue to develop an eye for line and proportion in design.

*Prerequisites: acceptance into FASN 3rd year*

**FASN 3150 CR-1.5****Preparation for Fashion Industry Internship**

Students will learn the knowledge and skills to carry out a job search to secure a (volunteer) position with an apparel design/manufacturing company. They will develop skills in personal career assessment, resume writing, cover letters, portfolio presentation, and interview techniques. They will develop awareness of the career opportunities in the local apparel industry, internship policies and procedures and have an appreciation of human relations in the workplace.

*Prerequisites: acceptance into 3rd year*

*Co-requisites: FASN 3120 FASN 3120*

**FASN 3200 CR-3****Product Development**

Students will examine and analyze the product development process as it applies to the apparel industry. In a collaborative environment, they will formulate design solutions for specific target markets, based on forecasting and market research.

*Prerequisites: acceptance into 3rd year*

*Co-requisites: FASN 3250 FASN 3250*

**FASN 3250 CR-3****Fashion Industry Internship**

Students will transfer their previous learning to a "real world" situation during an internship with a local design/manufacturing company in the apparel sector. They will increase their knowledge of industry practices, develop contacts in the industry and be able to identify opportunities for their place as professionals in the field.

*Prerequisites: FASN 3150*

**FASN 4100 CR-5.5****Line and Portfolio Development**

Students will integrate personal direction with fashion industry practice through the process of designing a line of clothing for a chosen market niche. They will critically analyze the balance between creativity and marketability required for success in the profession, and link production plans to FASN 4150. Through consultations with industry professionals, students will create a comprehensive portfolio of work appropriate for their career directions.

*Prerequisites: FASN 3200*

**FASN 4130 CR-3****Advanced Computer Studies in Fashion**

Students will increase their visual communication skills by augmenting their Adobe Illustrator and Photoshop skills with desktop publishing software to produce professional print and electronic publications for Fashion. They will develop skills in designing and implementing a fashion webpage. They will increase their marketing skills through practicing animation software to create dynamic visual presentations. Students will integrate previous CAD skills with advanced 2D to 3D imaging software in order to test designs before sample production.

*Prerequisites: FASN 2130 (B), FASN 3120, FASN 3200*

**FASN 4150 CR-4****Apparel in the Global Economy**

Students will analyze the apparel global economy by studying international trade agreements, importing and exporting regulations, fabric testing standards, and sourcing of raw materials and production. Students will explore logistics issues such as inventory control, packaging, warehousing and transportation systems. They will create a business plan, costing scheme, quality control strategy, product specifications and production schedules according to domestic and international standards. Students will learn how to work with contractors locally and globally, including negotiating costs and terms. They will use current software such as Excel, Word and Adobe Illustrator or KaratCAD.

*Prerequisites: FASN 3120 and FASN 3140*

### **FASN 4210 CR-4**

#### **Event Planning and Promotion**

Students will plan and produce a fashion show as a form of promotion (self, Fashion Program and Kwantlen). They will practice a variety of professional, industry-based marketing strategies, individually and in teams, to promote previously developed apparel product. They will practice essential "behind the scenes" promotional activities such as media contacts, show styling, and professional follow-up. Students will develop and present a current cohesive brand package.

*Prerequisites: FASN 4100*

*Co-requisites: FASN 4220 FASN 4220*

### **FASN 4220 CR-7**

#### **Collection Production**

Students will draft and sew to produce professional quality, originally designed garments to create a sample line for their individual niche markets. Students will fit garments on models and critique line and proportion. They will use resources developed in previous years and work efficiently to meet their own production schedules. They will develop standard size specification packages using advanced manual and computer-assisted pattern manipulation techniques.

*Prerequisites: FASN 3120, FASN 4100, FASN 4150*

*Co-requisites: FASN 4210 FASN 4210*

### **FASN 4250 CR-3**

#### **Self-Directed Study**

Students will have the opportunity in their final year to integrate personal areas of interest with practice in the profession (subject to faculty approval). They will gain proficiency in entry level job knowledge and skills, as well as develop habits of independent learning through planning, researching, developing and presenting a negotiated area of fashion study.

*Co-requisites: FASN 3200 and FASN 3250 FASN 3200 and FASN 3250*

## **FINANCIAL SERVICES (FNSR)**

### **FNSR 3350 CR-3**

#### **Securities Analysis**

Students examine the central elements of the securities industry: financial products, markets and intermediaries. They will analyze different types of investment products, how they are sold and what role they play in a well-planned portfolio. They will have the option of writing the Canadian Securities Course exam concurrently.

*Prerequisites: ECON 1150 and ECON 1250 and (ACCT 2293 or [ACCT 1110 and 1210]) and (ACCT 1130 or BUQU 1130 or [MATH 1112 or higher])*

## **FINE ARTS (FINA)**

### **FINA 1100 CR-3**

#### **Introduction to Drawing**

Students will learn the fundamentals of drawing in the field of visual art. They will study and practice various technical approaches to drawing in a variety of media. Students will also explore personal subjectivity through lectures and class discussions.

*Transferable (refer to transfer guide)*

### **FINA 1110 CR-3**

#### **Introduction to Painting**

Students will study the fundamental materials, methods, and techniques of painting. They will practice and develop painting skills through technical and creative challenges. Students will also explore personal subjectivity in relation to historical movements and current trends in art through studio activity, lectures, and class discussions.

*Co-requisites: FINA 1100 FINA 1100*

*Transferable (refer to transfer guide)*

### **FINA 1130 CR-3**

#### **Ceramics I**

Students will learn fundamental processes of handling and firing ceramic materials of different sizes, thicknesses, and textures. They will work with basic techniques of clay preparation, joining, building, drying, glazing, and firing while developing personal expression through form, colour, and texture.

*Transferable (refer to transfer guide)*

### **FINA 1131 CR-3**

#### **Sculpture I**

Students will be introduced to the fundamental concepts, methods, and materials of contemporary sculpture. They will survey major movements in sculpture over the last century through slide lectures, demonstrations, and individual and group critiques. Students will integrate theory and practice through technical challenges presented by processes and materials.

*Transferable (refer to transfer guide)*

### **FINA 1135 CR-3**

#### **Introduction to Digital Media I**

Students will learn to use digital software such as Photoshop™ and Imovie™ in a lab setting. They will create artwork that emphasizes the historical and conceptual elements of digital technologies in contemporary art.

*Transferable (refer to transfer guide)*

### **FINA 1142 CR-3**

#### **Introduction to Print Media**

Students will study the historical and contemporary role of print in the field of visual arts. They will develop visual imagery by exploring conceptual interests and learning technical aspects of relief, screenprinting, and intaglio.

*Transferable (refer to transfer guide)*

### **FINA 1144 CR-3**

#### **Introduction to Printmaking**

The course will commence with the most direct and least technically complex printmaking method, collograph, and move on to the more complex methods of silk screen, relief printmaking and etching. The definition of Fine Arts prints, as opposed to reproductions, will be discussed.

*Transferable (refer to transfer guide)*

### **FINA 1145 CR-3**

#### **Monotype -The Painted Print**

Students will explore processes that combine painting and drawing with printmaking. They will investigate the interdisciplinary possibilities in these areas of study. Students will experiment with a variety of different techniques under the categories of both monotype and monoprint.

*Transferable (refer to transfer guide)*

**FINA 1165 CR-3****Visual Language and Composition**

Students will study the fundamental principles of constructing and analyzing two-dimensional images. They will gain knowledge of the strategies necessary for creating two-dimensional space through the exploration of materials and techniques. Students will familiarize themselves with the role of the artist as a producer of meaning through the study of both historical and contemporary examples. They will explore the significance of the relationship between media, visual elements and concept in the realization of finished works.

*Transferable (refer to transfer guide)*

**FINA 1166 CR-3****Color Theory and Practice**

Students will learn the theory and uses of color in art and the contemporary environment. Students will gain practice in color mixing and manipulating color to produce specific visual effects.

*Transferable (refer to transfer guide)*

**FINA 1167 CR-3****Introduction to Visual Culture: Look Now!**

Students will be introduced to how we shape and are shaped by visual culture through forms such as art, video, film, and advertising. Students will be also be introduced to the role of the artist as a producer of meaning through the use of historical and contemporary examples. They will gain theoretical and practical knowledge of various approaches to viewing, understanding and making images by exploring the relationship between form, content and context. Readings, discussion, critical writing, and creative responses will enable students to better understand visual culture and its making and meaning.

*Transferable (refer to transfer guide)*

**FINA 1170 CR-3****Photography I**

Students will explore conceptual and practical approaches to black-and-white photography. They will learn to operate a 35mm single-lens-reflex camera, and learn to use basic darkroom techniques. Students will study the history of photography, and contemporary photography through class critiques and lectures.

*Transferable (refer to transfer guide)*

**FINA 1175 CR-3 (formerly FINA 1265)****Form, Structure and Materials**

Students will study the fundamental principles behind the conception and design of three-dimensional form and space within the field of contemporary art. They will explore the relationships between form, structure, and materials through a range of processes and the realization of three-dimensional objects and compositions.

*Transferable (refer to transfer guide)*

**FINA 1200 CR-3****Drawing II**

Students will investigate both traditional and non-traditional strategies for creating art through drawing. They will practice the fundamentals of drawing while expanding their artistic expression in relation to contemporary art.

*Prerequisites: FINA 1100*

*Transferable (refer to transfer guide)*

**FINA 1210 CR-3****Painting II**

Students will focus on the fundamental materials, methods, and issues of contemporary painting. They will also develop their abilities to complete projects in an innovative and creative manner.

*Prerequisites: FINA 1110*

*Transferable (refer to transfer guide)*

**FINA 1230 CR-3****Ceramics II**

Students will review and reinforce skills and develop them to a higher degree of sophistication and complexity. They will focus on developing complete control of the medium at this level and will accept more responsibility for firing. Students will search for unusual approaches to, and ways of, using ceramic materials and will work toward defining their own personal style.

*Prerequisites: FINA 1130*

*Transferable (refer to transfer guide)*

**FINA 1231 CR-3****Sculpture II**

Students will build on concepts and materials introduced in Sculpture I and will investigate and debate a blend of traditional and non-traditional strategies for making sculpture. They will be introduced to new processes and materials to reflect the complex nature of contemporary sculptural practice and will participate in slide lectures, demonstrations, and individual and group critiques. Students will also use local resources such as libraries, galleries, and museums.

*Prerequisites: FINA 1131*

*Transferable (refer to transfer guide)*

**FINA 1235 CR-3****Introduction to New Media II**

Students will expand their knowledge of various digital software such as Photoshop™, Final Cut Express™, Director™ and Flash™. They will apply these programs to create artwork that will encompass digital stills, online work, installation, video and sound. Students will also learn to locate contemporary digital practices within the broader history of cultural production.

*Prerequisites: FINA 1135*

*Transferable (refer to transfer guide)*

**FINA 1237 CR-3****Issues in Photography**

Students will study issues in photography from its invention in the 19th Century to the digital imaging of the present. Within the context of contemporary critical theory, they will explore meanings in various photographic genres including snapshots, documentary, advertising, and fine art.

*Prerequisites: One of FINA 1120, FINA 1121, FINA 1122, FINA 1124, FINA 1126, FINA 1147, FINA 1222, or One of ARTH 1120, ARTH 1121, ARTH 1126, or One of ENGL, HIST, or POLI 1100 or higher*

*Transferable (refer to transfer guide)*

**FINA 1242 CR-3****Print Media II**

Students will explore a wide variety of techniques in both intaglio and screenprinting including photographic and digital imaging. They will explore the potentials of mixed media prints on different surfaces in two- or three-dimensional structures. Students will also develop their conceptual interests and visual language through assigned projects and class discussions.

*Prerequisites: FINA 1142*

*Transferable (refer to transfer guide)*

**FINA 1270 CR-3****Photography II**

Students discuss and develop a body of photo-based works, which explore issues related to concepts and visual representations in photography. They will study works of past and contemporary artists and explore photography as art. Students will learn alternative processes in black and white, archival printing techniques, and basic digital manipulations in photography.

*Prerequisites: FINA 1170*

*Transferable (refer to transfer guide)*

**FINA 2111 CR-3****Professional Practices**

Students will study professional issues and practices useful to visual artists, arts administrators, and cultural workers in the field of art. They will focus on developing skills relating to portfolio development and documentation, grant proposals, and curriculum vitae writing and acquiring knowledge towards issues including copyright law, promotional practices, and art institutions.

*Prerequisites: 6 credits of FINA 1100-level course and ENGL 1100*

*Transferable (refer to transfer guide)*

**FINA 2135 CR-3****Digital Media: Design in Contemporary Art**

Students will learn to work with Adobe Illustrator™ software to create vector based artwork. They will expand their knowledge of digital software such as Photoshop™. They will apply these programs to create artwork that will encompass digital stills, an artist book and online work. Students will also learn to locate contemporary digital practices in the context of contemporary cultural production.

*Prerequisites: FINA 1135 or permission of the instructor*

*Transferable (refer to transfer guide)*

**FINA 2147 CR-3****Issues in Contemporary Art I**

Students will study theoretical issues relevant to the production and reception of visual art and popular culture in the last 35 years, including debates around semiotics, modernism/postmodernism, feminism(s), postcolonialism, and the attendant politics of identities produced through structures of race, class, gender and sexual preferences/practices. Students will examine the emergence of new technologies and their use in art practices. Students will visit exhibition venues, including public museums and galleries, commercial galleries and artist run centres. Note: This is a seminar-based course.

**NOTE:** Students may earn credit for **only one** of FINA 2147 and CUST 2147 as they are identical courses.

*Prerequisites: One of ARTH 1120 or ARTH 1121 or FINA 1165 or ENGL 1100 or by permission of the instructor*

*Transferable (refer to transfer guide)*

**FINA 2235 CR-3****Digital Media: Interactive Art on the Web**

Students will expand their knowledge of various digital software such as Photoshop™, Dreamweaver™, Director™ and Flash™. They will apply these programs to create artwork that will encompass digital stills, online work, installation, video and sound. Students will also learn to locate contemporary digital practices within the broader history of cultural production.

*Prerequisites: FINA 1135*

*Transferable (refer to transfer guide)*

**FINA 2300 CR-3****Advanced Drawing I**

Students will focus on developing their abilities to respond, in a personal and creative way, to the challenges of assignments. They will investigate and research alternative forms of expression as they develop and re-evaluate their work. To assist in this investigation, students will study contemporary trends in art and various artistic practices, both current and historical.

*Prerequisites: FINA 1200*

*Transferable (refer to transfer guide)*

**FINA 2310 CR-3****Advanced Painting Studio I**

Students will develop their abilities to respond in a self-directed manner to the challenges of painting assignments. They will investigate and research alternative forms of expression as they develop and re-evaluate their work. Students will study contemporary trends in art and various artistic practices, both current and historical, to assist in this process.

*Prerequisites: FINA 1210*

*Transferable (refer to transfer guide)*

**FINA 2330 CR-3****Ceramics III**

Students will build on existing skills and engage in personal research, experimentation and self-directed learning. They will use additional techniques such as slip casting and mural tile production with the goal of developing greater expression, originality, and a defined personal style.

*Prerequisites: FINA 1230*

*Transferable (refer to transfer guide)*

**FINA 2331 CR-3****Sculpture III**

Students will build on the materials and concepts explored in Sculpture I and Sculpture II. They will further develop and be challenged with projects which address craft, process, concepts, and materials. They will explore contemporary sculpture practices including the creation of independent sculptures and sculptural installations. Students will work within a framework of thematic and site-specific projects. They will explore assignments centered on advanced uses of the studio.

*Prerequisites: FINA 1231*

*Transferable (refer to transfer guide)*

**FINA 2335 CR-3****Digital Media: Video and Installation**

Students will expand their knowledge of various digital software such as Imovie™ and Photoshop™. They will also learn to use digital video software such as Final Cut Express™ in a lab setting. They will apply these programs to create artwork that will encompass online work, installation, video and sound. Students will also learn to locate contemporary digital practices within the broader history of cultural production

*Prerequisites: FINA 1135 or permission of the instructor  
Transferable (refer to transfer guide)*

**FINA 2342 CR-3****Print Media III**

Students will continue to explore different techniques in both intaglio and screenprinting. They will investigate and research the possibilities of interdisciplinary approach to print in contemporary print context. Students will also develop their conceptual interests and visual language through assigned and self-directed projects.

*Prerequisites: FINA 1242  
Transferable (refer to transfer guide)*

**FINA 2370 CR-3****Photography III**

Students will study current themes and issues pertaining to contemporary photography. They will use various format cameras and photographic techniques to produce both digital and manual work. Students will work collaboratively to produce mural photography, and narrative and non-linear photographic sequences. They will produce a body of photo-based works that communicate personal concepts and ideas.

*Prerequisites: FINA 1270  
Transferable (refer to transfer guide)*

**FINA 2400 CR-3****Advanced Drawing II**

Students will pursue and define their own personal approach to drawing in the field of contemporary art. They will conduct research and complete both assigned and self-directed projects. Students will lead discussions and critique the work of contemporary artists, as well as the work of their peers.

*Prerequisites: FINA 2300  
Transferable (refer to transfer guide)*

**FINA 2410 CR-3****Advanced Painting Studio II**

Students will pursue and define their own approach to painting in the field of contemporary art. They will conduct research and complete both assigned and self-directed projects. Students will lead discussions and critique the work of contemporary artists, as well as the work of their peers.

*Prerequisites: FINA 2310  
Transferable (refer to transfer guide)*

**FINA 2430 CR-3****Ceramics IV**

Students will concentrate on the integration of ceramic forms, surfaces, and materials in the development of a personal style and will aim for originality and expressiveness. They will set many of their own objectives within the framework of specific assignments and learn advanced firing techniques.

*Prerequisites: FINA 2330  
Transferable (refer to transfer guide)*

**FINA 2431 CR-3****Sculpture IV**

Students will work with the material and technical possibilities afforded by the sculpture studios to develop independent projects under supervision of the instructor. The student and instructor will agree on timelines, material and conceptual research, and a detailed series of questions guiding the students' inquiry. Students will initiate their own body of research and work closely with the instructor to develop work that encompasses a strong conceptual element as well as a focused material exploration. They will prepare for and generate class discussions.

*Prerequisites: FINA 2331  
Transferable (refer to transfer guide)*

**FINA 2442 CR-3****Print Media IV**

Students will specialize in one or more print media to develop a portfolio of works. Building on independent work habits, students will examine ideas and practices in contemporary print media through assigned and self-initiated projects. They will investigate the possibilities of extending print media into multi-media prints, print-based installation or other art forms. They will develop an increased insight into their work and will improve their ability to articulate conceptual and critical issues in class discussions.

*Prerequisites: FINA 2342  
Transferable (refer to transfer guide)*

**FINA 3100 CR-3****Open Studio and Seminar I**

Students will pursue and define individual and collaborative approaches to their art practice. They will be expected to develop artwork based on thematic assignments with the goal of understanding their own practice in relation to contemporary art production. Students are required to identify an area of practice to be developed. To assist in this investigation, students will study trends in art and various artistic practices, both contemporary and historical

*Prerequisites: (Any 6 credits of FINA 2300, FINA 2310, FINA 2330, FINA 2331, FINA 2335, FINA 2342, FINA 2370 or FINA 2400) and (FINA 1120 or FINA 1121 or FINA 1147 or ARTH 1120 or ARTH 1121) and ENGL 1100  
Transferable (refer to transfer guide)*

**FINA 3110 CR-3****Introduction to Curatorial Studies**

Students will be engaged in discussions and workshops around various aspects of working in museum or gallery environments. They will explore the issues and procedures of mounting an exhibition which include organization, documentation, curatorial responsibilities, financial and budgetary matters, ethical and legal implications, and conservation of artwork. They will visit public art galleries and museums, artist-run centres, and alternative art exhibitions to analyze and respond to the theme and genre for those venues. Students are required to organize and curate an exhibition

*Prerequisites: (Any 6 credits of FINA 2300, FINA 2310, FINA 2330, FINA 2331, FINA 2335, FINA 2342, FINA 2370 or FINA 2400) and (FINA 1120 or FINA 1121 or FINA 1147 or ARTH 1120 or ARTH 1121) and ENGL 1100  
Transferable (refer to transfer guide)*

### **FINA 3112 CR-3**

#### **Public Art: Theory and Practice**

Students will explore, both in theory and in practice, the questions raised by public art. They will study the solutions offered by artists working in the field as well as the critical issues surrounding its diverse audience. Students will create a public art proposal exploring model making and other presentation methods for review by their peers.

*Prerequisites: (Any 6 credits of FINA 2300, FINA 2310, FINA 2330, FINA 2331, FINA 2335, FINA 2342, FINA 2370 or FINA 2400) and (ARTH 1120 or ARTH 1121 or FINA 1120 or FINA 1121 or FINA 1147) and ENGL 1100*  
*Transferable (refer to transfer guide)*

### **FINA 3135 CR-3**

#### **Advanced Digital Media: Open Studio 1**

Students will pursue and define individual and collaborative approaches to their digital art practice. They will develop artwork based on thematic assignments with the goal of understanding their own practice in relation to contemporary art production. Students will work in a number of digital medias such as Photoshop™, Illustrator™, Dreamweaver™, Flash™, Premiere Pro™ and After Effects™.

*Prerequisites: FINA 2235 or FINA 2335 or permission of the instructor*  
*Transferable (refer to transfer guide)*

### **FINA 3147 CR-3**

#### **Issues in Contemporary Art II**

Students will expand their knowledge of issues in the field of contemporary art. They will explore principles of critical and cultural studies that inform contemporary art praxis.

Students will actively participate in this seminar-based course, which is structured around a series of required readings and facilitated discussions, supplemented by relevant slides, video and digital materials. Students will also go on local field trips to galleries, museums and artist-run centres.

NOTE: Students may earn credit for only one of FINA 3147 and CUST 3147 as they are identical courses.

*Prerequisites: FINA 2147/CUST 2147 or ARTH 2122 or ARTH 2222 or ANTH 2120*  
*Transferable (refer to transfer guide)*

### **FINA 3200 CR-3**

#### **Open Studio and Seminar II**

Students will continue to pursue and define individual and collaborative approaches to their art practice and writing skills. They will be expected to develop artwork based on thematic assignments and also to identify an area of independent, self-directed work with the goal of understanding their own practice in relation to contemporary art production. To assist in this investigation, students will study trends in art and various artistic practices, both contemporary and historical.

*Prerequisites: FINA 3100*  
*Transferable (refer to transfer guide)*

### **FINA 3201 CR-3**

#### **Artistic Practice In The Community**

Students will study the various forms and methods of introducing art, and issues surrounding art, into the community. They will formulate a plan and initiate an individual or group driven, community-based project, for which guidelines will be varied and tailored to each student's interests in the arts. Students might choose a commercial art project, long-term volunteer or committee work in the arts, a public art project, developing and teaching workshops, giving docent tours, and performing non-profit work relating to the arts.

*Prerequisites: [FINA 3112 or (Any 6 credits of FINA 2300, FINA 2310, FINA 2330, FINA 2331, FINA 2335, FINA 2342, FINA 2370 or FINA 2400)] and (FINA 1120 or FINA 1121 or FINA 1147 or ARTH 1120 or ARTH 1121) and ENGL 1100*  
*Transferable (refer to transfer guide)*

### **FINA 3202 CR-3**

#### **Special Topics in Studio Arts**

Students will engage in an intensive study of a special topic in studio arts chosen by the instructor. They will study the techniques of a particular art process and/or consider a topic from a specific thematic or conceptual approach.

*Prerequisites: (Any 6 credits of FINA 2300, FINA 2310, FINA 2330, FINA 2331, FINA 2335, FINA 2342, FINA 2370 or FINA 2400)] and (FINA 1120 or FINA 1121 or FINA 1147 or ARTH 1120 or ARTH 1121) and ENGL 1100*  
*Transferable (refer to transfer guide)*

### **FINA 3235 CR-3**

#### **Advanced Digital Media: Open Studio 2**

Students will develop a substantial body of work based on personal research, with the goal of articulating their digital art practice in relation to contemporary art production. They will be required to identify an area of practice to be developed, which could include experimentation and innovation in different digital media such as Photoshop™, Illustrator™, Flash™, Premiere Pro™, Final Cut Pro™ and After Effects™. Students will also focus their studio practice critically through reading, research and writing.

*Prerequisites: FINA 3135*  
*Transferable (refer to transfer guide)*

### **FINA 4300 CR-6**

#### **Advanced Open Studio and Thesis I**

Students will begin to develop a body of work in relation to their personal research. They are required to identify an area of practice to be developed, along with experimentation and innovation in different media and materials. Students will also focus their studio practice critically through reading, research and writing.

*Prerequisites: FINA 3200 or by permission of the instructor*  
*Transferable (refer to transfer guide)*

### **FINA 4400 CR-6**

#### **Advanced Open Studio and Thesis II**

Students will develop a substantial body of work based on personal research, with the goal of articulating their practice in relation to contemporary art production. They are required to identify an area of practice to be developed, which could include experimentation and innovation in different media and materials. Students will create a culminating body of work accompanied by a written thesis in which the intentions of the work are articulated and theorized.

*Prerequisites: FINA 4300 or by permission of the instructor*

## FOUNDATIONS IN DESIGN (FIND)

### **FIND 1100 CR-3 (formerly IDDS 1160)**

#### **Design Processes, Methods and Materials**

Students will study basic design processes, methods and materials common to a variety of design disciplines. They will plan, produce and present creative solutions to design problems in two and three dimensions.

### **FIND 1110 CR-3 (formerly IDDS 1161)**

#### **Drawing for Design**

Students will develop drawing and rendering skills to communicate two- and three-dimensional objects. They will explore drawing (sketching, rapid visualization, perspective systems, and scaling and rendering techniques) in order to develop and convey ideas for design-related projects.

### **FIND 1120 CR-3 (formerly IDDS 1162)**

#### **Design History 1**

Students will develop an understanding of the evolving role of design from antiquity to the mid-19th century through research, analyses, discussions, presentations, and project work. They will examine design in the context of world cultures and will consider how historical events, political ideologies, belief systems, and other social and cultural factors have influenced and shaped design.

### **FIND 1130 CR-3 (formerly IDDS 1163)**

#### **Design Explorations**

Students will examine design-related issues, theories and practices as a basis for expanding their knowledge of the field of design. They will participate in seminar discussions and project work to promote communication, research, team building, and critical thinking. Students will also investigate opportunities for continuing design studies and potential career options.

### **FIND 1140 CR-3 (formerly IDDS 1164)**

#### **Colour Theories**

Students learn colour theories and explore their application within design contexts. They will review and examine the physical characteristics, psychological effects, and the cultural and social implications of colour.

### **FIND 1150 CR-3 (formerly IDDS 1165)**

#### **Designing for Humanity**

Students will examine the relationship between design decisions, humanity and current and historical environmental issues. They will understand the way design impacts individuals, society and the environment through research, case studies and field trips. Students will also investigate such things as over-packaging, built-in obsolescence, toxic materials and sustainable development.

### **FIND 1160 CR-3 (formerly IDDS 1166)**

#### **Communication through Visual Language**

Students will explore the historical, theoretical and contextual developments of signs and symbols (semiotics) as they relate to visual language. They will study the concepts, theories and roles text and images play in contemporary visual information and communication across a variety of design disciplines.

### **FIND 1200 CR-3 (formerly IDDS 1260)**

#### **Two-Dimensional Design**

Students will design solutions for a series of comprehensive, two-dimensional projects that emphasize the development of creative conceptualization and problem-solving skills relating to a range of design disciplines. They will create designs for a variety of contexts and will utilize diverse mediums, materials and presentation methods.

*Prerequisites: FIND 1100 and FIND 1110 or IDDS 1160 and IDDS 1161*

### **FIND 1210 CR-3 (formerly IDDS 1261)**

#### **Three-Dimensional Design**

Students will apply creative conceptualization and problem-solving skills to comprehensive three-dimensional design projects. They will explore principles and processes, mediums and materials as well as three-dimensional modeling techniques and presentation methods relating to a range of design disciplines.

*Prerequisites: FIND 1100 and FIND 1110 or IDDS 1160 and IDDS 1161*

### **FIND 1220 CR-3 (formerly IDDS 1362)**

#### **Interdisciplinary Design History II**

Students will examine developments in visual design from the Industrial Revolution to the present day, primarily in the context of the Western world. They will study concepts from design and fine arts history, sociology, and cultural anthropology that influence design movements, designers, and consumers of design.

### **FIND 1230 CR-3 (formerly IDDS 1363)**

#### **Drafting For Design**

Students will learn to produce drawings using computer assisted drafting software relating to a variety of design disciplines. They will create two- and three-dimensional drawings that will communicate design ideas visually through a variety of design projects.

## FRENCH (FREN)

### **FREN 1100 CR-3**

#### **French for Beginners I**

Students will use the communicative approach to develop basic oral, listening, reading, and writing skills in French while exploring Francophone cultures.

*Transferable (refer to transfer guide)*

### **FREN 1101 CR-3**

#### **French for Beginners II**

Students will use the communicative approach to build on basic skills and continue to develop oral, listening, reading, and writing skills while further exploring Francophone cultures.

*Prerequisites: FREN 1100 or assessment by instructor*

*Transferable (refer to transfer guide)*

### **FREN 2200 CR-3 (formerly FREN 1105)**

#### **Intermediate French I**

Students will build on previously acquired listening, speaking, reading, and writing skills. They will continue developing interpersonal and intercultural communication skills while further exploring Francophone cultures.

*Prerequisites: French 11, or FREN 1101, or assessment by instructor*

*Transferable (refer to transfer guide)*

**FREN 2201 CR-3 (formerly FREN 1106)****Intermediate French II**

Students will reinforce and expand previously acquired listening, speaking, reading, and writing skills. They will continue developing interpersonal and intercultural communication skills while further exploring Francophone cultures.

*Prerequisites: FREN 2200 (formerly FREN 1105) or equivalent, or assessment by instructor*

*Transferable (refer to transfer guide)*

**FREN 3300 CR-3 (formerly FREN 1110)****Upper Intermediate French I**

Students will consolidate the foundations established in earlier courses and will increase proficiency in all language skills at an upper-intermediate level. They will focus on complex grammatical structures and specialized vocabulary. Students will read and discuss the works of Francophone writers and journalists, as well as analyze contemporary Francophone movies.

*Prerequisites: FREN 2201 (formerly FREN 1106) or French 12 or assessment by instructor*

*Transferable (refer to transfer guide)*

**FREN 3301 CR-3 (formerly FREN 1210)****Upper Intermediate French II**

Students will further consolidate the foundations established in earlier courses and increase proficiency in all language skills at an upper-intermediate level. They will continue their advanced study of complex grammatical structures and specialized vocabulary. They will read and discuss the works of Francophone writers and journalists, as well as analyze contemporary Francophone movies.

*Prerequisites: FREN 3300 (formerly FREN 1110) or assessment by instructor*

*Transferable (refer to transfer guide)*

**FREN 3305 CR-3 (formerly FREN 2205)****French Through the Media**

Students will enhance their knowledge of written and spoken French and will develop their understanding of contemporary Francophone societies through discussions and analyses of current political, economic, scientific and cultural events as covered in French language mass media.

*Prerequisites: FREN 2201 (formerly FREN 1106) or assessment by instructor*

**G****GEOGRAPHY (GEOG)****GEOG 1101 CR-3****Introduction to Geography**

Students will examine the nature and diversity of geography, which attempts to describe and to understand human growth, distribution, social-cultural and economic activities and interactions. They will also learn how the physical environment facilitates or constrains these activities and how human activities may, in turn, affect the natural environment, including the atmosphere, soil, and plant and other natural resources.

*Transferable (refer to transfer guide)*

**GEOG 1110 CR-3****Introduction to the Atmosphere**

Students will apply basic scientific principles to study the atmosphere, examine weather processes, and describe patterns of climate worldwide. They will explain how the flows and transfer of energy and water to and from the Earth's surface. They will examine the integration of producing a variety of atmospheric phenomena ranging from microscale weather events, such as local convection and clouds with vertical development, to macroscale frontal systems, wind belts, and general air mass circulation. Students will also discuss evidence and theories concerning long term climate change.

*Transferable (refer to transfer guide)*

**GEOG 1120 CR-3****Introduction to Earth Science**

Students will examine the origin, composition and evolution of the solid Earth through a study of its rocks and minerals, the geologic time scale, and the role of tectonic processes in creating and modifying continents, regulating volcanism and seismic activity. They will also demonstrate how the Earth's surface has been modified by weathering, fluvial (stream), glacial, and slope processes.

*Transferable (refer to transfer guide)*

**GEOG 1130 CR-3****Human Impacts on Canadian Environments**

Students will examine the relationships between humans and physical environments, with particular emphasis on Canada, a country whose natural resource base has long been the main driver of its development. They will examine a range of views on sustainability, apply these to the selected environmental issues in Canada, and then compare and contrast the effectiveness of public policy towards improving and preserving Canadian environments.

*Transferable (refer to transfer guide)*

**GEOG 1160 CR-3****Regional Geography of British Columbia**

Students will examine the evolution of regional patterns of socio-economic growth and development in British Columbia from a geographical perspective. They will examine interactions between physical resources and constraints and cultural and economic landscapes.

*Transferable (refer to transfer guide)*

**GEOG 2120 CR-3****Economic Geography**

Students will analyze the location and distribution of economic activities, and the socioeconomic causes and consequences of these patterns over space. They will examine issues and theories relevant to natural resources, manufacturing, transportation and communications, and services, at a range of scales. Students will explore issues of land use and environmental sustainability in an economic and spatial context. They will study the structure of the world economy, socioeconomic development, methods of flexible production, gendered labour and processes of globalization.

*Prerequisites: GEOG 1101 or ECON 1101*

*Transferable (refer to transfer guide)*



**GEOG 2130 CR-3****Social and Cultural Geography**

Students will explore the interactions among culture, society, and geographic space. They will examine the geographic origins, spatial variation, and spatial diffusion of various social/cultural phenomena, as well as their reflection in the material landscape, approaches characteristic of 'traditional' social/cultural geography. Students will also employ the concepts and theoretical perspectives characteristic of the 'new' cultural geography to critically examine the spatial dimensions of social/cultural issues at various scales of analysis

*Prerequisites: GEOG 1101*

*Transferable (refer to transfer guide)*

**GEOG 2140 CR-3****Regional Geography of Canada**

Students will examine the evolution of physical and human environments, and regional patterns of socioeconomic development in Canada, from a geographical perspective. They will analyze and critically comment on interactions between regions within Canada, on patterns of trade, immigration, and other activities within national, continental, and international contexts, and on possible futures for Canada and its regions.

*Transferable (refer to transfer guide)*

**GEOG 2170 CR-3****Regional Geography of Europe**

Students will examine the physical and human geography of the countries of Eastern and Western Europe. They will examine the roles played by the physical, cultural and economic resources in the development of the region.

*Prerequisites: GEOG 1101 (HIST 1101 strongly recommended)*

*Transferable (refer to transfer guide)*

**GEOG 2185 CR-3 (formerly GEOG 1185)****Regional Geography of East Asia**

Students will explore the physical and human geography of South Asia. They will examine South Asia's landforms, climate, settlement, population, historical geography, economic activities, and cultural landscapes. Students will gain an understanding of the major geographical patterns, processes, issues, and problems of South Asia.

*Transferable (refer to transfer guide)*

**GEOG 2190 CR-3 (formerly GEOG 1190)****Regional Geography of South Asia**

Students will explore the physical and human geography of South Asia. They will examine South Asia's landforms, climate, settlement, population, historical geography, economic activities, and cultural landscapes. Students will gain an understanding of the major geographical patterns, processes, issues, and problems of South Asia.

*Transferable (refer to transfer guide)*

**GEOG 2250 CR-3****Urban Geography**

Students will discover how cities are complex networks of infrastructure and built form, whose character is central to human activities. They will examine how cities emerged, and how they vary in character globally, with special attention to current cities in Canada. Students will consider models of urban structure and function, along with concepts of land use, governance, and planning for local development. They will also explore socioeconomic and ecological aspects of urbanization, including its dimensions worldwide, issues of stratification and livability, and possible futures for urban regions.

*Prerequisites: GEOG 1101 or SOCI 1125*

*Transferable (refer to transfer guide)*

**GEOG 2310 CR-3****Climatology**

This course applies scientific principles and methods to climatological processes. The study investigates concepts such as the radiation and energy balance, lapse rates and stability, water budgets and general circulation modeling as well as forecasting and climatic change.

*Prerequisites: GEOG 1110 (C) and GEOG 1120 (C)*

*Transferable (refer to transfer guide)*

**GEOG 2320 CR-3****Geomorphology**

Students will examine geological and environmental processes that sculpt, modify, and erode landforms at the Earth's surface. They will focus on processes taking place in or on slopes, streams, soils, groundwater, and glacial environments. Students will also examine the interrelationships between human activities and environmental degradation.

*Prerequisites: GEOG 1120*

*Co-requisites: GEOG 1110 GEOG 1110*

*Transferable (refer to transfer guide)*

**GEOG 2330 CR-3****Introduction to Hydrology**

Students will examine theoretical and applied aspects of the hydrology of the near-surface environment of the Earth's surface. They will analyze the hydrologic cycle, precipitation processes, groundwater flow, surface runoff and snowmelt processes. Students will examine applied techniques including the collection, compilation and processing of field data.

*Prerequisites: GEOG 1110 and GEOG 1120*

*Transferable (refer to transfer guide)*

**GEOG 2340 CR-3****Biogeography**

Students will examine the past and present geographic distribution of wild plants and animals. They will study terms and theories applicable to biogeography, and the systems used to classify wild animals and plants. Students will investigate the various factors that influence the spatial and temporal patterns in the distribution of the earth's biomes, as well as the evolution and extinction of species. They will examine the impacts of humans on the biosphere, and human awareness of, and responses to, these impacts

*Prerequisites: GEOG 1110 and GEOG 1120*

*Transferable (refer to transfer guide)*

**GEOG 2390 CR-3****Geographic Information and Data Analysis**

Students will explore techniques for describing, analyzing and visualizing geographic information. They will examine the use and application of descriptive and inferential statistical methods in geographical research.

*Prerequisites: GEOG 1101, GEOG 1110, GEOG 1120*

*Transferable (refer to transfer guide)*

**GEOG 2395 CR-3****Cartographic Techniques**

Students will study the theoretical and practical aspects of cartography. They will discuss the value of maps in geography, and will examine the techniques and appropriate uses of various maps in geographical contexts. Students will review map projections, field surveying, and topographic maps, and also construct thematic maps related to selected topics in geography. They will study other cartographic techniques, such as remote sensing (aerial photographs and satellite images), geographical information systems and computer assisted mapping.

*Prerequisites: 3 credits in GEOG at 1100-level or higher*

*Transferable (refer to transfer guide)*

**GEOG 2400 CR-3****Introduction to GIS**

Students will explain the basic theory of Geographic Information Systems (GIS) and apply GIS concepts to practical problems in geography at an introductory level. They will discuss a range of GIS technical issues, apply GIS operations using a popular desktop GIS software package, and through these applications improve their skills in designing and creating appropriate graphics

*Prerequisites: 3 credits GEOG 1100-level or higher*

*Transferable (refer to transfer guide)*

**GEOG 3100 CR-3****Research Methods in Human Geography**

Students will examine the scope, nature, and practices of research in human geography. They will critically analyze the advantages and limitations of selected methods, and then study how research is designed and revised through the interplay of various theoretical perspectives, their testing and their advancement through empirical studies. Students will outline and apply the sequence of sampling plans, data collection and data analysis to create a research design.

*Prerequisites: 45 credits at 1100-level or higher*

*Transferable (refer to transfer guide)*

**GEOG 3210 CR-3 (formerly GEOG 2110)****Geography of Cultures**

Students will study the major traditions, themes, and theories of social and cultural geography, all within an ecological approach to the study of human societies. They will examine the character of selected world regions, analyze their present level of development, and identify socioeconomic, political, ecological, and cultural factors that influence development outcomes, past and present. Students will analyze selected rural and urban landscapes, ancient and contemporary, and discuss a series of examples of the spatial diffusion of cultural phenomena.

*Prerequisites: (GEOG 1101 or ANTH 1100) and 18 credit of 1100-level or higher courses*

*Transferable (refer to transfer guide)*

**GEOG 3220 CR-3****Political Geography**

Students will investigate the origins, concepts, theories, and applications of political geography. They will examine the ties between politics and space, various forms of political organization over time, and the historical development of political geography as a branch of human geography. Students will also study forms of political organization at different geographic scales, from the local to the global, and critically assess contemporary political issues associated with each of these scales.

*Prerequisites: (GEOG 1101 or POLI 1125) and 18 credits of 1100-level or higher courses*

*Transferable (refer to transfer guide)*

**GEOG 3240 CR-3****Development and Globalization**

Students will examine the implications for development of the increasing interconnectedness of economic activity, using the region as a unit of analysis. They will examine development as a multifaceted and complex process of social, cultural, political and economic change, and will explore theories of how and where development occurs. Students will examine relationships between rich and poor countries with attention to how links between regions have changed over time. They will pay particular attention to relationships between the multinational corporation and the state in the context of long-run technological change.

*Prerequisites: GEOG 2120 and 18 credits of any 1100-level or higher courses*

*Transferable (refer to transfer guide)*

**GEOG 3260 CR-3****Geographic Thought**

Students will critically examine the perspectives, concepts, theories, and methodologies characteristic of geographic thought and the discipline of Geography. They will survey the historical development of geographic thought both before and after the establishment of Geography as a modern university discipline. Students will assess contemporary approaches to geographic knowledge within physical and human geography, and debates about Geography's ability to provide a holistic perspective to challenges facing humanity.

*Prerequisites: 18 credits of 1100-level or higher, including GEOG 1101, GEOG 1110 and GEOG 1120*

*Transferable (refer to transfer guide)*

**GEOG 3310 CR-3****Natural Hazards**

Students will investigate physical processes and initiation of natural hazards such as geologic hazards (earthquakes, volcanoes), atmospheric hazards (hurricanes, tornadoes), hydrologic hazards (flooding, water pollution), biologic hazards (pests, disease), as well as more general topics such as global climate change and its perceived effects on hazard frequency. Students will analyze why certain populations are at risk and how humans try to prepare for and mitigate hazardous conditions. They will examine new technologies and investigate historic and recent events in case studies, lab and field trip settings.

*Prerequisites: GEOG 1110 and GEOG 1120 and 18 credits of any 1100-level course*

*Transferable (refer to transfer guide)*

### **GEOG 3320 CR-3**

#### **Seminar in Natural Resource Management**

Students will examine the character, roles, and interactions among the private sector, public sector, and non-government organizations in the management of resource bases in selected countries and regions worldwide. They will discuss critically a range of conceptualizations of resources, and approaches to their management, including the effectiveness of those management systems in addressing environmental issues, preserving ecological capital, and achieving socioeconomic goals.

Note: This is a seminar course

*Prerequisites: Any 18 credits of 1100-level or higher, including 3 credits of GEOG 1160 or GEOG 2140 or GEOG 2170 or GEOG 2185 or GEOG 2190*

*Transferable (refer to transfer guide)*

### **GEOG 4350 CR-3**

#### **Climate Change**

Students will evaluate the causes of climate change, including the scope and significance of human modifications of the earth's surface and atmospheric composition. They will examine the controls on global-scale climate, investigate climate change assessments at a variety of time-scales, assess proxy measurements of climate change, and explore the modeling of future climate projections. Students will survey the impacts of climate change on human society, and evaluate efforts to mitigate the process and effects of climate change.

*Prerequisites: 45 credits at 1100-level or higher, including GEOG 2310*

*Transferable (refer to transfer guide)*

### **GEOG 4380 CR-3**

#### **Applications in GIS**

Students will further their knowledge of Geographic Information Systems (GIS) by applying GIS technology to spatial analysis problems. They will use GIS to analyze case studies in fields such as environmental science, resource management, urban planning, social science, criminology and medicine. Students will explore the techniques, methods and processes involved in the development of a GIS, technical issues and project management.

*Prerequisites: GEOG 2400 plus 18 credits of 1100-level or higher courses*

*Transferable (refer to transfer guide)*

### **GEOG 4501 CR-3**

#### **Special Topics in Geography**

Students will engage in an intensive study of a selected topic in geography, as determined by the instructor. They will review relevant literature, develop a research proposal, write a comprehensive report, and present the results of their research.

Note: the topic of study will be established in advance by the department. Please check with the department for proposed offerings. Students may take this course multiple times for further credit on different topics.

*Prerequisites: 45 credits at the 1100-level or higher, including GEOG 1101, GEOG 1110 and GEOG 1120*

### **GEOG 4599 CR-3**

#### **Directed Studies**

Students will carry out a detailed investigation of a geographic topic consisting of readings and research, under the supervision of a faculty member with expertise in the area. They will be required to identify relevant sources of information and to develop a comprehensive understanding of their topic, in addition to submitting a final assignment.

*Prerequisites: 30 credits in GEOG*

## **GEOLOGY (GEOL)**

### **GEOL 1210 CR-4**

#### **Our Changing Earth**

Students will study the geologic history and paleontology of the Lower Mainland. They will apply elementary geologic principles to the interpretation of the geologic history of field sites in several locations. Students will also study paleontology with special emphasis placed on paleoclimatology and the evolution of vertebrates.

*Prerequisites: GEOG 1120*

*Transferable (refer to transfer guide)*

## **GERMAN (GERM)**

### **GERM 1100 CR-3**

#### **Basic German I**

Students will use the communicative approach to develop basic oral, listening, reading, and writing skills in German while exploring the Germanic culture.

*Transferable (refer to transfer guide)*

### **GERM 1101 CR-3**

#### **Basic German II**

Students will use the communicative approach to build on basic skills and continue to develop oral, listening, reading, and writing skills at the intermediate level while further exploring the Germanic culture.

*Prerequisites: GERM 1100 or equivalent, or German 11, or assessment by instructor.*

*Transferable (refer to transfer guide)*

### **GERM 2200 CR-3**

#### **Intermediate German I**

Students will use the communicative approach to review and expand their knowledge of basic German grammar. They will continue to develop oral, listening, reading, and writing skills at the intermediate level while further exploring the Germanic culture.

*Prerequisites: German 11 with a grade of B, or German 12 with a C or GERM 1101, or assessment by instructor*

*Transferable (refer to transfer guide)*

### **GERM 2201 CR-3**

#### **Intermediate German II**

Students will use the communicative approach to reinforce and expand their linguistic skills through integrated and interactive practice in reading, writing, listening and speaking. Students will also continue to work on their intercultural learning skills.

*Prerequisites: GERM 2200 or equivalent, or German 12 with a grade B or higher, or assessment by instructor*

*Transferable (refer to transfer guide)*

**GERM 3300 CR-3****German Culture through Film**

Students will view subtitled German films and read excerpts in translation from works of Germanic historiography, philosophy, psychology, and sociology, which highlight the key issues in the cultural history of the German-speaking countries. They will then apply critical reading, viewing, and writing strategies as they examine and evaluate the central concepts and themes used to organize Germanic cultural history, as well as the ways in which textual and visual media create, enforce, and challenge these assumptions.

NOTE: Students may earn credit for only one of GERM 3300 and CUST 3300 as they are identical courses.

*Prerequisites: ENGL 1100 and (one of ENGL 1202 or ENGL 1204 or CRWR 1100 or FINA 1121) and 3 credits from any 2000-level course or higher*

*Transferable (refer to transfer guide)*

## **GERONTOLOGY-BASED THERAPEUTIC RECREATION (GBTR)**

**GBTR 1100 CR-3****Introduction to Aging**

Students will explore concepts, theories, demographics and trends of aging and the community resources available for the older adult. They will explore the role of the gerontology-based therapeutic recreation practitioner. Students will explore personal attitudes towards wellness and aging.

**GBTR 1111 CR-3****Facets of Aging**

Students will explore health challenges commonly found in the elder population and implications for the clients, societal relationships, and quality of life. They will explore client-focused care philosophy within the context of activity programming. Students will reflect on personal values and beliefs regarding death and dying.

**GBTR 1120 CR-2****Program Planning and Design**

Students will explore models of practice in gerontology-based therapeutic recreation. They will examine the process of program planning and reflect upon their role in the delivery of programs.

**GBTR 1130 CR-1.5****Introduction to Fitness for Seniors**

Students will learn the basis of human movement. They will design adapted exercise programs based on common health challenges experienced by seniors. Students will demonstrate a variety of exercises in a simulated environment.

*Prerequisites: GBTR 1100 and GBTR 1111 and GBTR 1120*

**GBTR 1200 CR-3****Identity and Dementia**

Students will explore the pathology of dementias and the variety of philosophies and models of practice in special care programming. They will integrate the concepts of personhood and client-centred care as they relate to persons with dementia and the community that supports them.

*Prerequisites: GBTR 1100 and GBTR 1111 and GBTR 1120*

**GBTR 1210 CR-2****Dementia Care Programming**

Students will identify adaptations needed for programming for people at different stages of dementia. They will explore a variety of concepts, models and philosophies for implementing programs for people with different types of dementia.

*Prerequisites: GBTR 1200*

**GBTR 1235 CR-3****Recreation Assessment and Planning**

Students will examine the continuing care system and professional roles and responsibilities of the gerontology-based therapeutic recreation practitioner. They will apply the principles of person-centred practice to the development of individualized recreation care plans.

*Prerequisites: ECHS 1125 and ECHS 1135 and GBTR 1120*

**GBTR 1241 CR-2****Valuing Ethnicity and Diversity**

Students will learn about prevalent ethnocultural beliefs, values, norms, and traditions and reflect on how these concepts affect gerontology-based therapeutic programs. They will explore their own cultural being and develop an awareness and understanding of ethnocultural groups different from their own.

*Prerequisites: GBTR 1120*

**GBTR 1250 CR-2****Practicum I**

Students will practice skills and apply theory while performing the duties of a gerontology-based therapeutic recreation programmer in external community settings. They will develop caring relationships with clients and respectful working relationships with peers and facility staff. Students will participate in seminars to discuss self, theory and practice issues.

*Prerequisites: GBTR 1100 and GBTR 1111*

**GBTR 1255 CR-2****Practicum II**

Students will practice skills and apply theory while performing the duties of a gerontology-based therapeutic recreation programmer in external community settings. They will develop caring relationships with clients and respectful working relationships with peers and facility staff. Students will participate in seminars to discuss self, theory and practice issues.

*Prerequisites: GBTR 1250*

**GBTR 1320 CR-3****Leadership in Therapeutic Recreation**

Students will analyze the different leadership roles and responsibilities of a gerontology-based therapeutic recreation programmer in the workplace. They will analyze and discuss the importance of being role models and leaders of programs involving residents, volunteers, staff and family members. Students will reflect on how individuals and organizations contribute to the advancement of the profession.

*Prerequisites: GBTR 1120 and GBTR 1150 and ECHS 1115 and ECHS 1125*

**GBTR 1350 CR-2****Practicum III**

Students will integrate and apply theoretical concepts from their coursework in a final practicum in an extended care or special care setting. They will develop caring relationships with clients and effective working relationships with peers and facility staff. Students will participate in seminars to discuss self, theory, and practice issues.

*Prerequisites: GBTR 1255 and GBTR 1241*

## GRADUATE NURSE QUALIFYING (GNQU)

**GNQU 1301 CR-3****Fundamentals of Mental Health Nursing**

Students will recognize the effects of mental health challenges and will assess the bio-psychosocial, environmental, spiritual, cultural and economic influences that affect mental health. They will apply mental health nursing concepts based on the lived experience of the individual. Students will complete the self-paced modules on-line.

**GNQU 1305 CR-3****Mental Health Preceptorship**

Students will be working with preceptor in a mental health care setting. They will apply knowledge and skills necessary for caring for mental health clients.

*Prerequisites: GNQU 1301*

**GNQU 1309 CR-3****Fundamentals of Maternal-Child Nursing**

Students will focus on competency-based theory and processes inherent in maternal/newborn nursing. They will learn to assess and plan care for Canadian childbearing families during pregnancy, labour, delivery, and early parenthood. Students will apply principles of health promotion, prevention, holistic assessment, primary health care, and the social determinants of health in their course work. Students will complete the self-paced modules on-line.

**GNQU 1317 CR-3****Maternal / Child Preceptorship**

Students will be working with a preceptor in a maternal child setting. They will apply knowledge and skills necessary for caring for clients in maternal child settings.

*Prerequisites: GNQU 1309*

**GNQU 1321 CR-3****Fundamentals of Pediatric Nursing**

Students will explore the role of the Canadian nurse in caring for children. They will study the effects of illness and treatment on the child and family within the contexts of the stages of growth and development. Students will complete the self-paced modules on-line.

**GNQU 1327 CR-3****Pediatric Preceptorship**

Students will be working with a preceptor in a pediatric setting. They will apply knowledge and skills necessary for caring for pediatric client.

*Prerequisites: GNQU 1321*

## GRADUATE NURSE RE-ENTRY (GNUR)

**GNUR 1104 CR-2.5****Pharmacology**

Students will use a computer based program to review fundamental principles of pharmacology. They will explore the use of these principles in their occupational roles, including relevant legislation, drug action and interaction, routes of administration, principles of medication administration, and calculation of dosages for drugs used for common health problems in Canada. Students will become familiar with the generic and trade names of drugs prescribed for common health challenges.

**GNUR 1120 CR-3****Graduate Nurse Re-entry: Theory**

Students will use a computer based program to upgrade their nursing knowledge for community health nursing and the nursing care of patients requiring hospitalization.

**GNUR 1180 CR-3****Lab and Workshop**

Students will upgrade their knowledge and skills related to nursing practice. They will examine the impact of research and technology on the practice of specific psychomotor skills and compare current practice standards to their own level of knowledge, judgment, and skill. Students will complete labs and workshops related to psychomotor and interpersonal communication skills.

*Prerequisites: GNUR 1120 or GNUR 1110*

*Co-requisites: GNUR 1104 GNUR 1104*

**GNUR 1210 CR-6.5****Preceptorship**

Students will be working with a preceptor in a nursing practice setting. They will develop confidence and competence in their nursing practice in preparation for the role of the Registered Nurse. Students will apply knowledge and skills for current nursing practice.

*Prerequisites: GNUR 1180*

## GRADUATE NURSE WITH ENGLISH AS AN ADDITIONAL LANGUAGE (GNEA)

**GNEA 1104 CR-2.5****Pharmacology**

Students will learn the fundamental principles of pharmacology and will explore the use in their occupational roles, including relevant legislation, drug action, routes of administration, principles of medication administration, and calculation of dosages for drugs used for common health problems in Canada. They will become familiar with the generic and trade names of drugs prescribed for common health challenges.

*Co-requisites: GNEA 1106 and GNEA 1108 GNEA 1106 and GNEA 1108*

**GNEA 1106 CR-3****Nursing Experience I: Medicine**

Students will integrate knowledge of Canadian nursing standards and nursing competencies in an adult acute care unit. They will research patient information, critically analyze the information, formulate plans of care, set appropriate priorities, and provide nursing care for two patients. Students will develop professional caring relationships with patients and effective working relationships with peers and the health care team. They will participate in post conferences to discuss self, theory and practice.

*Prerequisites: Current CPR Level C, TB screen, Immunizations consistent with requirements of clinical agencies, Criminal Records Search within 6 months prior to enrolling in GNEA 1106*  
*Co-requisites: GNEA 1104 and GNEA 1108 GNEA 1104 and GNEA 1108*

**GNEA 1108 CR-8.5****Nursing Theory I**

Students will explore the fundamental concepts of nursing in the Canadian setting. They will have opportunities to acquire new psychomotor skills and to practice previously learned psychomotor skills consistent with the scope of registered nursing practice in acute, sub-acute, and long-term care settings in Canada.

*Co-requisites: GNEA 1104 and GNEA 1106 GNEA 1104 and GNEA 1106*

**GNEA 1204 CR-1****Canadian Culture and the Health Care Environment**

Students will examine social epidemiology, health seeking behaviour, and the health care delivery system in Canada. They will explore public and professional values and expectations related to health care.

*Prerequisites: GNEA 1108 and GNEA 1104 and GNEA 1106*  
*Co-requisites: GNEA 1208 and GNEA 1206 and GNEA 1216*  
*GNEA 1208 and GNEA 1206 and GNEA 1216*

**GNEA 1206 CR-3****Nursing Experience II: Surgery**

Students will apply nursing theory and practice nursing skills in an adult acute-care unit. They will research patient information, critically analyze the information, formulate plans of care, set appropriate priorities, and provide nursing care for up to four patients. Students will develop professional caring relationships with patients and effective working relationships with peers and the health care team. They will participate in post conferences to discuss self, theory and practice.

*Prerequisites: GNEA 1104 and GNEA 1106 and GNEA 1108*  
*Co-requisites: GNEA 1204 and GNEA 1208 GNEA 1204 and GNEA 1208*

**GNEA 1208 CR-6****Nursing Theory II**

Students will examine ethical, legal, and professional issues and standards of nursing practice in depth. They will apply their knowledge of anatomy and physiology to the principles of illness and injury. Students will apply these principles to medical and surgical health issues in a simulated situation.

*Prerequisites: GNEA 1104 and GNEA 1106 and GNEA 1108*  
*Co-requisites: GNEA 1204 and GNEA 1206 and GNEA 1216*  
*GNEA 1204 and GNEA 1206 and GNEA 1216*

**GNEA 1216 CR-3****Nursing Experience 3: Practicum**

Students will integrate knowledge and skills in the care of adults in acute hospital settings. They will gradually assume responsibility for an increased patient assignment and will function with increasing independence.

*Prerequisites: GNEA 1104 and GNEA 1106 and GNEA 1108 and GNEA 1206*  
*Co-requisites: GNEA 1204 and GNEA 1206 and GNEA 1208*  
*GNEA 1204 and GNEA 1206 and GNEA 1208*

**GNEA 1308 CR-4****Nursing Theory 3**

Students will review theory required for the nursing registration examination with an emphasis on maternal, child and family, and mental health nursing. They will be introduced to the basic concepts of community health.

*Prerequisites: GNEA 1204 and GNEA 1206 and GNEA 1208 and GNEA 1216*  
*Co-requisites: GNEA 1316 and GNEA 1318 GNEA 1316 and GNEA 1318*

**GNEA 1316 CR-3****Nursing Experience 4**

Students will integrate their learning from all facets of the Graduate Nurse English as Additional Language (GNEAL) program, while working in an acute care setting. They will develop increased competence and leadership skills as a practicing nurse in preparation for their role as a Registered Nurse.

*Co-requisites: GNEA 1308 and GNEA 1318 GNEA 1308 and GNEA 1318*

**GNEA 1318 CR-4.5****Nursing Theory 4**

Students will integrate nursing knowledge in preparation for the Canadian Registration Nurse Exam. They will explore and apply theory related to Community Health.

*Prerequisites: GNEA 1204 and GNEA 1206 and GNEA 1208 and GNEA 1216*  
*Co-requisites: GNEA 1308 and GNEA 1316 GNEA 1308 and GNEA 1316*

## GRAPHIC DESIGN FOR MARKETING (GDMA)

**GDMA 1100 CR-3****Fundamentals of Typographic Design I**

Students will learn the fundamentals of typography and will apply and evaluate design processes while designing basic print communications that require typographic design solutions. They will draw rough, comprehensive and production layouts using page layout applications and colour specification systems.

*Co-requisites: GDMA 1110 and GDMA 1121 and GDMA 1140*  
*GDMA 1110 and GDMA 1121 and GDMA 1140*

**GDMA 1110 CR-3****Fundamentals of Image Development I**

Students will apply design processes to develop concepts and images for basic marketing communications. They will learn and apply elements and principles of design with an emphasis on colour theory and colour specification systems. Students will also create abstract, symbolic, and representational images to visually communicate ideas and emotions using a variety of mediums.

*Co-requisites: GDMA 1100 and GDMA 1121 and GDMA 1140  
GDMA 1100 and GDMA 1121 and GDMA 1140*

**GDMA 1121 CR-3 (formerly GDMA 1120)****Print Production Software Applications 1**

Students learn how to generate, manipulate, transport, and print graphic, typographic, photographic and illustrative images for graphic communication designs. They will use industry-standard software applications such as InDesign, Photoshop, and Illustrator on a Macintosh platform to produce digital layouts.

*Co-requisites: GDMA 1100 and GDMA 1110 and GDMA 1140  
GDMA 1100 and GDMA 1110 and GDMA 1140*

**GDMA 1140 CR-3****Graphic Design and Society I**

Students will examine the social, cultural, and historical contexts of graphic design from the Renaissance to the end of World War I. They will analyze emerging theories, popular culture, consumerism, politics, ideologies, and technologies that influenced design and design's audiences will be analysed using basic concepts from design history, sociology, semiotics (the study of signs and symbols), and cultural studies.

**GDMA 1200 CR-3****Fundamentals of Typographic Design 2**

Students continue to learn and apply the fundamentals of typography while creating manual and digital typographic layouts for print communication. They will innovate and communicate graphic design concepts and solutions resulting from research and critical analyses of communication problems related to marketing and promotion.

*Prerequisites: GDMA 1100 and GDMA 1110 and GDMA 1121  
and GDMA 1140 and ENGL 1100*

*Co-requisites: GDMA 1210 and GDMA 1220 and GDMA 1240  
and MRKT 1199 GDMA 1210 and GDMA 1220 and GDMA 1240  
and MRKT 1199*

**GDMA 1210 CR-3****Fundamentals of Image Development 2**

Students will develop concepts and images for marketing applications of graphic design. They will create images that effectively communicate information and marketing communications concepts and messages, and address the needs and preferences of clients and their target audiences.

*Prerequisites: GDMA 1100 and GDMA 1110 and GDMA 1121  
and GDMA 1140 and ENGL 1100*

*Co-requisites: GDMA 1200 and GDMA 1220 and GDMA 1240  
and MRKT 1199 GDMA 1200 and GDMA 1220 and GDMA 1240  
and MRKT 1199*

**GDMA 1220 CR-3****Print Production Software Applications 2**

Students will learn graphic production software applications by completing projects which use features such as templates, style sheets, type formatting, and editing tools. They will use industry-standard software applications such as InDesign, Photoshop and Illustrator to design and produce digital layouts.

*Prerequisites: GDMA 1100 and GDMA 1110 and GDMA 1121  
and GDMA 1140 and ENGL 1100*

*Co-requisites: GDMA 1200 and GDMA 1210 and GDMA 1240  
and MRKT 1199 GDMA 1200 and GDMA 1210 and GDMA 1240  
and MRKT 1199*

**GDMA 1240 CR-3****Graphic Design and Society II**

Students will examine diverse forms of graphic design that emerged after World War II, primarily in Europe and North America. They will utilize various analytical frameworks to consider historical and emerging ideas and theories relating to the design and communication of information, human interactions with design, and design's social, cultural, and economic significance.

*Prerequisites: ENGL 1100 or ENGL 1110*

**GDMA 2100 CR-3****Publication Design I**

Students learn fundamentals associated with the design, production and distribution of printed publications. They work with typography, develop concepts, design layouts and produce comprehensive layouts for books, newspapers, and miscellaneous printed publications.

*Prerequisites: GDMA 1200 and GDMA 1210 and GDMA 1220  
and GDMA 1240 and MRKT 1199*

*Co-requisites: GDMA 2110 and GDMA 2120 and GDMA 2140  
and CMNS 2140 GDMA 2110 and GDMA 2120 and GDMA 2140  
and CMNS 2140*

**GDMA 2110 CR-3****Introduction to Advertising Design**

Students learn the fundamentals of advertising design including the analysis of client and end-user needs, which they specify in a creative brief. They formulate concepts and messages, and design advertisements for different clients and target audiences.

*Prerequisites: GDMA 1200 and GDMA 1210 and GDMA 1220  
and GDMA 1240 and MRKT 1199*

*Co-requisites: GDMA 2100 and GDMA 2120 and GDMA 2140  
and CMNS 2140 GDMA 2100 and GDMA 2120 and GDMA 2140  
and CMNS 2140*

**GDMA 2120 CR-3****Print Technologies**

Students learn how to prepare electronic files for the print production of projects. They learn how to write specifications for pre-press, printing and print finishing processes for photomechanical and electronic print production technologies. Students also learn how to specify ink, paper and other elements of a printed communication, and how proofing systems and other quality control procedures are used in the printing industry.

*Prerequisites: GDMA 1200 and GDMA 1210 and GDMA 1220  
and GDMA 1240 and MRKT 1199*

*Co-requisites: GDMA 2100 and GDMA 2110 and GDMA 2140  
and CMNS 2140 GDMA 2100 and GDMA 2110 and GDMA 2140  
and CMNS 2140*

**GDMA 2140 CR-3****Communications Design, Consumerism and Popular Culture**

Students will examine contemporary visual communication design, consumerism, and popular culture using concepts from sociology, marketing, cultural studies, cultural anthropology, and semiotics (signs and symbols) to inform their analyses. They will also apply their knowledge and skills to an end of term, research and design-based project. Advertising design, product and packaging design, retail and display design, environmental graphics, and various types of design found in popular culture (comics, movies, sports, music, etc.) will be among the topics covered in the course.

*Prerequisites: ENGL 1100 and GDMA 1240 (or permission of instructor)*

**GDMA 2200 CR-3****Publication Design 2**

Students research social, cultural, and historical factors and apply fundamentals associated with the design, production and distribution of printed publications. They develop concepts, apply manual and electronic design and produce comprehensive layouts for magazines, newsletters and trade journals.

*Prerequisites: GDMA 2100 and GDMA 2110 and GDMA 2120 and CMNS 2140 and GDMA 2140*

*Co-requisites: GDMA 2210 and GDMA 2220 and GDMA 2230 and GDMA 2240 GDMA 2210 and GDMA 2220 and GDMA 2230 and GDMA 2240*

**GDMA 2210 CR-3****Interactive and Sequential Image Development**

Students use manual and electronic visualization methodologies to design interactive and sequential images for marketing communications. They apply critical analysis and problem-solving capabilities while developing and evaluating concepts, messages and images for screen-based interactive and sequential visual communications.

*Prerequisites: GDMA 2100 and GDMA 2110 and GDMA 2120 and CMNS 2140 and GDMA 2140*

*Co-requisites: GDMA 2200 and GDMA 2220 and GDMA 2230 and GDMA 2240 (or transfer credits) GDMA 2200 and GDMA 2220 and GDMA 2230 and GDMA 2240 (or transfer credits)*

**GDMA 2220 CR-3****Interactive Software Applications 1**

Students use industry-standard software applications to design, produce and publish screen-based visual communications that feature simple user interactivity. They use scanners and digital camera, apply methods of image generation, process and optimize images, and use mark-up and scripting languages.

*Prerequisites: GDMA 2100 and GDMA 2110 and GDMA 2120 and CMNS 2140 and GDMA 2140*

*Co-requisites: GDMA 2200 and GDMA 2210 and GDMA 2230 and GDMA 2240 GDMA 2200 and GDMA 2210 and GDMA 2230 and GDMA 2240*

**GDMA 2230 CR-3****Introduction to Marketing Communications**

Students develop marketing plans before formulating concepts and images that communicate messages to specific target audiences. They design marketing communications for placement in a variety of media. Students focus on the use of effective copy, typography, photography and illustrations to convey marketing messages.

*Prerequisites: GDMA 2100 and GDMA 2110 and GDMA 2120 and CMNS 2140 and GDMA 2140*

*Co-requisites: GDMA 2200 and GDMA 2210 and GDMA 2220 and GDMA 2240 (or transfer credit) GDMA 2200 and GDMA 2210 and GDMA 2220 and GDMA 2240 (or transfer credit)*

**GDMA 2240 CR-3****Social Contexts For Interactive Media**

Students analyze social, cultural, and historical contexts for interactive media such as exhibits, kiosks, and web sites. They examine theories relating to interactivity and human factors, and apply design research methods to analyses of various types of interactive media. Students will also develop concepts for a range of interactive experiences (mechanical and electronic) to suit a particular social context and target audience and communicate them using appropriate terminology and technology.

*Prerequisites: ENGL 1100 and GDMA 2140*

**GDMA 3100 CR-3****Information Design**

Students will research, analyze, organize and integrate quantitative and qualitative information into designs of systems that respond to specific audience needs, as well as incorporate contextual, spatial, directional and navigational requirements. They will conceptualize, design, and produce visual information systems such as charts, maps and other 'wayfinding' systems.

*Prerequisites: GDMA 2200 and GDMA 2210 and GDMA 2220 and GDMA 2230 and GDMA 2240*

*Co-requisites: GDMA 3110 and GDMA 3120 and GDMA 3130 GDMA 3110 and GDMA 3120 and GDMA 3130*

**GDMA 3110 CR-3****Interactive and Web Design 1**

Students will learn the concepts and methods required to design interactive projects and web sites. They will use storyboards, flowcharts and wire frames to create the interaction, information architecture, interfaces, navigation, and visuals required for interactive projects and web design.

*Prerequisites: GDMA 2200 and GDMA 2210 and GDMA 2220 and GDMA 2230 and GDMA 2240*

*Co-requisites: GDMA 3100 and GDMA 3120 and GDMA 3130 GDMA 3100 and GDMA 3120 and GDMA 3130*

**GDMA 3120 CR-3****Interactive Software Applications 2**

Students use industry-standard software applications to design, produce and publish animated and interactive visual communications. They use hypertext markup language for document structure, cascading style sheets for document presentation and accessibility, and scripting languages to enable actions and interactivity.

*Prerequisites: GDMA 2200 and GDMA 2210 and GDMA 2220 and GDMA 2230 and GDMA 2240*

*Co-requisites: GDMA 3100 and GDMA 3110 and GDMA 3130 GDMA 3100 and GDMA 3110 and GDMA 3130*



**GDMA 3130 CR-3****Marketing Communications Design 1**

Students analyze and interpret a client's marketing objectives before formulating concepts, messages and images for marketing communications, such as in-store promotions, advertisements, posters and specialty advertising items.

*Prerequisites: GDMA 2200 and GDMA 2210 and GDMA 2220 and GDMA 2230 and GDMA 2240*

*Co-requisites: GDMA 3100 and GDMA 3110 and GDMA 3120 GDMA 3100 and GDMA 3110 and GDMA 3120*

**GDMA 3200 CR-3****Corporate Communications Design 1**

Students formulate, conceptualize and design communications that reflect a corporation's positioning, marketing and public relations goals. They research, analyze and address professional, social, cultural and historical needs and preferences present in typical corporate cultures.

*Prerequisites: GDMA 3100 and GDMA 3110 and GDMA 3120 and GDMA 3130*

*Co-requisites: GDMA 3210 and GDMA 3220 and GDMA 3230 GDMA 3210 and GDMA 3220 and GDMA 3230*

**GDMA 3210 CR-3****Packaging Design**

Students learn concepts, theories, principles and strategies for designing packaging. They analyze legal, environmental, social and ethical issues that impact the design of packaging for a variety of clients and products. In addition, students learn to work with regulatory and production requirements, client marketing objectives and budgets, distribution and display requirements, timelines, presentation guidelines, and a range of other factors that directly affect the design and production of three-dimensional packaging.

*Prerequisites: GDMA 3100 and GDMA 3110 and GDMA 3120 and GDMA 3130*

*Co-requisites: GDMA 3200 and GDMA 3220 and GDMA 3230 GDMA 3200 and GDMA 3220 and GDMA 3230*

**GDMA 3220 CR-3****Interactive and Web Design 2**

Students will design, document and publish interactive projects and web sites. They will learn strategies for meeting business, marketing, and communication goals; allocating resources; evaluating elements of user experience; and applying interactive and web-based design processes to deliver prototypes, templates, and style guides.

*Prerequisites: GDMA 3100 and GDMA 3110 and GDMA 3120 and GDMA 3130*

*Co-requisites: GDMA 3200 and GDMA 3210 and GDMA 3230 GDMA 3200 and GDMA 3210 and GDMA 3230*

**GDMA 3230 CR-3****Marketing Communications Design 2**

Students analyze and interpret corporate strategies in business-to-business marketing plans. They create communication and design strategies to support marketing plans and design marketing communication solutions using digital and print media. Students design collateral items such as digital presentations, corporate and operational brochures, product and service brochures, and technical information sheets.

*Prerequisites: GDMA 3100 and GDMA 3110 and GDMA 3120 and GDMA 3130*

*Co-requisites: GDMA 3200 and GDMA 3210 and GDMA 3220 GDMA 3200 and GDMA 3210 and GDMA 3220*

**GDMA 4100 CR-3****Corporate Communications Design 2**

Students implement visual identity programs and graphic standards while designing external communications for a corporation. They design annual and quarterly reports, shareholder advisories and promotions, corporate newsletters, advertisements, and public relations communications that are consistent with corporate strategies, objectives, and business and marketing plans.

*Prerequisites: GDMA 3200 and GDMA 3210 and GDMA 3220 and GDMA 3230*

*Co-requisites: GDMA 4115 and GDMA 4120 and GDMA 4130 and MRKT 4177 GDMA 4115 and GDMA 4120 and GDMA 4130 and MRKT 4177*

**GDMA 4110 CR-3****Display Design**

Students will analyze market data and develop concepts and design solutions to be implemented in three-dimensional displays. They will research marketing strategies, objectives and audience profiles in order to create solutions for a wide range of display requirements. Using manual and electronic processes, they will conceptualize, design and produce display systems that will be used by public and private organizations for applications such as point-of-purchase and trade show displays, museum exhibits, interactive kiosks, and donor walls in retail stores and other environments.

*Prerequisites: GDMA 3200 (B-) and GDMA 3210 (B-) and GDMA 3220 and GDMA 3230 (B-)*

**GDMA 4115 CR-3 (formerly GDMA 4210)****Integrated Media Design**

Students will conceptualize, create, design and produce marketing communications utilizing current software suites that integrate image, text, sound, motion and time (i.e. integrated media). They will work with integrated media and design and produce communications in screen-based formats (video, film, web) appropriate to client and end-user needs.

*Prerequisites: GDMA 3200 and GDMA 3210 and GDMA 3220 and GDMA 3230*

*Co-requisites: GDMA 4100 and GDMA 4120 and GDMA 4130 and MRKT 4177 GDMA 4100 and GDMA 4120 and GDMA 4130 and MRKT 4177*

**GDMA 4120 CR-3****Major Project 1**

Students will demonstrate their ability to synthesize and apply the skills and knowledge learned throughout the Graphic Design for Marketing program to a major design project identifying a hypothetical client. They will outline research methods and processes to be implemented, and will propose, articulate and rationalize their design and communication strategies. Students will complete a major project incorporating the design and presentation of a significant and substantial body of work.

*Prerequisites: GDMA 3200 and GDMA 3210 and GDMA 3220 and GDMA 3230*

*Co-requisites: GDMA 4100 and GDMA 4115 and GDMA 4130 and MRKT 4177 GDMA 4100 and GDMA 4115 and GDMA 4130 and MRKT 4177*

### **GDMA 4130 CR-3**

#### **Small Business Essentials**

Students will learn fundamental business procedures relevant to working as employees, employers, or freelancers in the graphic design profession. Topics include government regulations, business planning and ethics, and administrative procedures for small businesses. They will estimate costs and formulate pricing strategies, prepare proposals, budgets, and schedules, and create components used in the day-to-day management of a design practice

*Prerequisites: GDMA 3200 and GDMA 3210 and GDMA 3220 and GDMA 3230*

*Co-requisites: GDMA 4100 and GDMA 4115 and GDMA 4120 and MRKT 4177 GDMA 4100 and GDMA 4115 and GDMA 4120 and MRKT 4177*

### **GDMA 4200 CR-3**

#### **Advertising Design**

Students will research and analyze client and end-user needs. They will explore the influence of new mediums on marketing advertising. Using manual and electronic processes, students will develop concepts and design solutions for a variety of media based on marketing plans and strategies. They will create advertising campaigns to be implemented through such communication channels as print and interactive media advertising, sales promotions, events, and direct marketing.

*Prerequisites: GDMA 4100 and GDMA 4115 and GDMA 4120 and GDMA 4130 and MRKT 4177*

*Co-requisites: GDMA 4215 and GDMA 4220 and GDMA 4230 and GDMA 4240 GDMA 4215 and GDMA 4220 and GDMA 4230 and GDMA 4240*

### **GDMA 4210 CR-3**

#### **Integrated Media Design**

Students will conceptualize, create, design and produce marketing communications utilizing current software suites that integrate image, text, sound, motion and time (i.e. integrated media). Working with integrated media, students will design and produce communications in screen-based formats (video, film, web) appropriate to client and end-user needs.

*Prerequisites: GDMA 3200 and GDMA 3210 and GDMA 3220 and GDMA 3230*

*Co-requisites: GDMA 4100 and GDMA 4120 and GDMA 4130 GDMA 4100 and GDMA 4120 and GDMA 4130*

### **GDMA 4215 CR-3 (formerly GDMA 4110)**

#### **Display Design**

Students will analyze market data and develop concepts and design solutions to be implemented in three-dimensional displays. They will research marketing strategies, objectives and audience profiles in order to create solutions for a wide range of display requirements. They will use manual and electronic processes to conceptualize, design and produce display systems that will be used by public and private organizations for applications such as point-of-purchase and trade show displays, museum exhibits, interactive kiosks, and donor walls in retail stores and other environments.

*Prerequisites: GDMA 4100 and GDMA 4115 and GDMA 4120 and GDMA 4130 and MRKT 4177*

*Co-requisites: GDMA 4200 and GDMA 4220 and GDMA 4230 and GDMA 4240 GDMA 4200 and GDMA 4220 and GDMA 4230 and GDMA 4240*

### **GDMA 4220 CR-3**

#### **Major Project 2**

Students propose, design, produce, present and defend a major project relevant to their chosen area of professional practice. They will complete a major project that encompasses rigorous enquiry, a comprehensive situation analysis, and the demonstration of proficiency in graphic design.

*Prerequisites: GDMA 4100 and GDMA 4115 and GDMA 4120 and GDMA 4130 and MRKT 4177*

*Co-requisites: GDMA 4200 and GDMA 4215 and GDMA 4230 and GDMA 4240 GDMA 4200 and GDMA 4215 and GDMA 4230 and GDMA 4240*

### **GDMA 4230 CR-3**

#### **Mentorship for Professional Practice**

Students will learn about procedures, practices, and issues relevant to gaining employment and working in the graphic design profession. They create and design self-promotion materials, prepare an employment search plan, and gain industry experience through a mentorship placement in a professional advertising, design or marketing environment.

*Prerequisites: GDMA 4100 and GDMA 4115 and GDMA 4120 and GDMA 4130 and MRKT 4177*

*Co-requisites: GDMA 4200 and GDMA 4215 and GDMA 4220 and GDMA 4240 GDMA 4200 and GDMA 4215 and GDMA 4220 and GDMA 4240*

### **GDMA 4240 CR-3**

#### **Contemporary Issues in Graphic Design**

Students will develop a critical awareness of social, cultural, philosophical, environmental, technological, and professional issues that impact contemporary graphic design practice. They will actively contribute to in-class discussions, interact with guest speakers, and engage in multifaceted research and analysis. Student teams will also develop, produce and lead comprehensive workshops relating to current "hot" topics in design such as cyberspace ethics, "professionalization" of the industry, plagiarism and copyright concerns, speculative work, sustainable graphic design, and 'calls to action' by the design community.

*Prerequisites: 60 undergraduate credits plus GDMA 2240, MRKT 4177 and ENGL 1100*

## **H**

## **HEALTH CARE ASSISTANT (HCAP)**

### **HCAP 1120 CR-1.5**

#### **Wellness: Health, Lifestyle & Choice**

Students will explore the concept of wellness and the components of a health enhancing lifestyle. They will reflect on their own experience of wellness, recognizing challenges and resources that may impact on their choices and consequently their health. Students will be introduced to a wellness model that can be applied to understanding the multi-faceted aspects of health and healing.

### **HCAP 1124 CR-3**

#### **Health and Healing: Concepts for Practise 1**

Students will develop a theoretical framework structured around human needs. They will understand the normal structure and function of the human body and normal bodily changes associated with aging. Students will describe factors that affect human needs as well as the influence of family and culture as they relate to health and healing. They will explore common challenges to health and healing in relation to each body system. Students will use a problem-solving model to develop critical thinking skills.

### **HCAP 1125 CR-6**

#### **Personal Care Skills and Clinical Practice**

Students will acquire knowledge and apply skills needed to provide personal care that promotes the physical, psychological, social, cognitive, and spiritual well-being of client/residents with complex health challenges. They will gain experience in a variety of practice settings. Students will develop caring relationships with individuals and enhance problem solving skills and critical thinking skills.

### **HCAP 1135 CR-1.5**

#### **Person Centered Practice in Healthcare**

Students will explore the principles of a person-centered caring philosophy. They will recognize how their values, attitudes, feelings, and actions impact their support of individuals and their roles and responsibilities as Health Care Assistants. Students will consider the influence of family and community in their relationship and support with individuals. They will identify ethical and legal parameters of their practice. Students will examine the home support, complex care and assisted living service systems.

### **HCAP 1224 CR-3**

#### **Health and Healing: Concepts for Practice 2**

Students will continue to develop a theoretical framework structured around human needs. They will apply a problem-solving approach when caring for people with complex health challenges. Students will examine resources and care-giving practices that promote and support client/resident-focused interventions for health, healing and end-of-life care.

*Prerequisites: HCAP 1124 and HCAP 1125 and HCAP 1135 and ECHS 1114*

### **HCAP 1225 CR-3**

#### **Health Care Assistant Advanced Skills**

Students will acquire advanced skills in a simulated setting necessary to provide care collaboratively with clients in the community. They will practice adaptations to care to promote the comfort, safety and independence of the client within the parameters of the health care assistant (HCA) role. Students will identify and reflect on issues of abuse/neglect and diversity in a home setting. They will develop employment finding skills.

*Prerequisites: HCAP 1125 and ECHS 1114*

### **HCAP 1240 CR-5**

#### **Dementia and Special Needs: Theory and Practice**

Students will explore concepts and models applicable to the care of individuals with dementia or mental health challenges as they age. They will identify communication strategies that facilitate providing care. Students will recognize behaviors and identify person-centered intervention strategies. They will become familiar with the home and community resources that support individuals and families dealing with the challenges of dementia and mental health issues in aging. Students will have a practical experience on an adult special care unit.

*Prerequisites: HCAP 1125*

### **HCAP 1245 CR-5**

#### **Health Care Assistant Final Practicum**

Students will consolidate knowledge and skills in preparation for assuming the role and responsibilities of a beginning practitioner. They will have a full time experience in an assisted living, home support and long-term care setting.

*Prerequisites: HCAP 1224 and HCAP 1225 and HCAP 1240*

## **HEALTH UNIT COORDINATOR (HAUC)**

### **HAUC 1000 CR-5**

#### **Medical Terminology**

Students will learn to identify, articulate, and spell medical terms that describe the anatomy, physiology, and pathology of the body systems. They will learn to identify various surgical procedures and equipment used in hospital units.

### **HAUC 1005 CR-2.5**

#### **Communication and Logistic Skills**

Students will practise effective communication skills to enable them to work within a team environment. They will discuss the importance of patient confidentiality when working with case studies. Students will use resource manuals to look up hospital codes such as cardiac arrest, fire, violent persons, and others. They will practise the essential telephone techniques necessary to work in a hospital setting.

*Prerequisites: HAUC 1000*

### **HAUC 1010 CR-2.5**

#### **Chart Records and Admissions**

Students will learn to keep accurate patient charts and records and to maintain charts in accordance with hospital confidentiality guidelines and policies. They will process admissions, transfers, discharges, and will differentiate between elective or emergency admissions.

*Prerequisites: HAUC 1005*

### **HAUC 1015 CR-2.5**

#### **Pharmacology Fundamentals**

Students will learn about drugs most frequently used in hospital settings. They will examine the classification of drugs and identify them by both generic and trade names. Students will be introduced to drug administration concepts that use the 24-hour clock.

*Prerequisites: HAUC 1000*

### **HAUC 1100 CR-3.5**

#### **Treatment and Medication Orders**

Students will process physicians' treatment orders, including preparing and updating dietary information. They will file requisitions, progress notes and follow-up reports, and will assist in the scheduling of treatment appointments including patient transport. Students will learn to transcribe and process medication orders and to identify the forms that must be prepared for use by professional staff. They will utilize the Compendium of Pharmaceuticals and Specialties (CPS) to process medication orders.

*Prerequisites: HAUC 1015*

### **HAUC 1110 CR-2**

#### **Laboratory Orders I**

Students will learn to transcribe physicians' orders for the most common chemistry and hematology lab tests using reference and resources as needed. They will learn the communication system used to ensure that complete information regarding patient test results is shared with all relevant individuals and/or departments.

*Prerequisites: HAUC 1125*

### **HAUC 1115 CR-2**

#### **Laboratory Orders II**

Students will learn to transcribe physicians' orders for laboratory tests for the most common communicable diseases, bacterial infections, and blood bank requirements. They will learn the communication system used for sharing complete information about test results with all relevant individuals/departments. Students will utilize appropriate reference resources to complete laboratory orders.

*Prerequisites: HAUC 1110*

### **HAUC 1120 CR-3**

#### **Diagnostic Orders**

Students will learn the patient referral process for consulting physicians, physiotherapists, or occupational therapists. They will become skilled at assisting in patient preparation and communicating diagnostic orders to appropriate individuals and departments. Students will examine a variety of diagnostic tests including those that require patient preparation.

*Prerequisites: HAUC 1115*

### **HAUC 1125 CR-2.5**

#### **Medical/Surgical/Maternity Orders**

Students will learn to complete various levels of medical, surgical, and maternity orders. They will learn to transcribe post-operative orders with special emphasis on patient controlled analgesia (PCA) orders.

*Prerequisites: HAUC 1125*

### **HAUC 1200 CR-4**

#### **Practicum**

Students will apply classroom theory on a medical, surgical, maternity, or specialty hospital unit. They will shadow their preceptor at the beginning and gradually increase their responsibilities to reach a mastery level by the end of the practicum. Students will also attend a resume and interview skills workshop.

*Prerequisites: HAUC 1125*

## **HISTORY (HIST)**

### **HIST 1113 CR-3**

#### **Canada to 1867**

Students will be introduced to the political, social, cultural, and economic history of pre-Confederation Canada. They will examine topics such as native-white relations, imperial rivalries, the impact of wars and rebellions, political reform, and social conflict. Students will gain an understanding of Canada's past, as well as an appreciation of how historical forces have shaped Canadian society today.

*Transferable (refer to transfer guide)*

### **HIST 1114 CR-3**

#### **Canada since 1867**

Students will be introduced to the political, social, cultural, and economic history of post-Confederation Canada. They will examine change and conflict in a variety of areas including government policies, native rights, social welfare, Canadian-American relations, cultural nationalism, women's roles, international affairs, Quebec separatism, labour relations, and multiculturalism. Students will examine a variety of perspectives on each of these topics through selected readings and will gain an understanding of Canada's past, as well as an appreciation of the role of historical forces in shaping our current society.

*Transferable (refer to transfer guide)*

### **HIST 1120 CR-3**

#### **Europe 1900 - 1939**

Students will study the major political, social, economic and intellectual currents in European history from the beginning of the twentieth century to 1939. They will also learn to construct and develop historical arguments and to critically assess primary and secondary sources.

*Transferable (refer to transfer guide)*

### **HIST 1121 CR-3**

#### **Europe since 1939**

Students will examine the major political, social, economic and intellectual currents in European history from 1939 to the present. They will also learn how to assemble evidence in order to produce and present an historically sound argument through a major essay and oral presentation.

*Transferable (refer to transfer guide)*

### **HIST 1130 CR-3**

#### **Twentieth Century World 1900 to 1945**

Students will examine the most important global developments of the first half of the twentieth century. They will evaluate the impact of imperialism, the causes and effects of the First World War, the nature of revolutionary movements in China, Japan, and Russia, as well as the results of the postwar settlement. Students will also analyze the causes of the rise of fascism in Europe and South America, the impact of the Great Depression, and the factors leading to war in Asia and in Europe.

*Transferable (refer to transfer guide)*

**HIST 1131 CR-3****Twentieth Century World 1945 to 2000**

Students will examine some of the major global issues in the latter half of the twentieth century, including the devastating impact of the Second World War, genocide, and the atomic bomb. They will also analyze key developments in the postwar world, including the emergence of the bipolar world and its impact, decolonization and the roots of neo-colonialism, the fall of Soviet-style communism, and the changing nature of global culture.

*Transferable (refer to transfer guide)*

**HIST 1145 CR-3****American History 1607-1865**

Students will examine the development of the United States from the colonial era to the post-Civil War years. They will study the origins of the Thirteen Colonies, the impact of the Revolutionary War, the development of the early Republic, slavery, the origins of the Civil War and early industrialization. Students will pay special attention to the evolution of American politics, economic and social trends, race relations and westward expansion. Students will also learn how to assemble evidence in order to produce and present an historically sound argument through a major essay.

*Transferable (refer to transfer guide)*

**HIST 1146 CR-3****American History 1865 -1974**

Students will examine the major political, economic and social developments in the United States from 1865 to the 1970s. They will study the growth of the United States into a superpower and the accompanying changes in domestic society which have taken place since the Civil War era. Students will also learn how to assemble evidence in order to produce and present an historically sound argument through a major essay.

*Transferable (refer to transfer guide)*

**HIST 1150 CR-3****Introduction to Traditional East Asia**

Students will examine some of the main themes in the history of East Asia. They will examine major developments in China, Japan, and Korea to approximately 1800. Students will focus on religious, social, cultural, economic, and political developments, as well as the interactions among the nations of this region.

*Transferable (refer to transfer guide)*

**HIST 1151 CR-3****Introduction to Modern East Asia**

Students will examine the development of modern East Asia from approximately 1800 to the present. They will focus on the religious, economic, literary, artistic, and political developments in this region. Students will also observe the nature of interactions among the peoples and nations of East Asia, as well as the impact of external forces in this region.

*Transferable (refer to transfer guide)*

**HIST 1160 CR-3****Introduction to South Asian History**

Students will examine major developments in South Asian society, economics, and culture from the beginnings of civilization on the subcontinent, through the development of new political structures under the early and medieval kingdoms, the establishment of the Mughal Empire, and the period of the British Raj. They will also examine the origins and growth of the independence movement and the emergence of post-colonial independent states on the subcontinent.

*Transferable (refer to transfer guide)*

**HIST 1170 CR-3****Introduction to African History**

Students will examine major developments on the African continent, from the formation of the earliest societies to the creation of independent nation-states in the twentieth century. They will study migration trends and patterns, the evolution of internal trade routes and linkages to international trade, the rise and fall of African kingdoms and empires, and the gradual acquisition of African territory by European imperial powers. Students will conclude by examining the resistance to European colonization which would eventually lead to the creation of 'new' African states throughout the continent

*Transferable (refer to transfer guide)*

**HIST 2101 CR-3 (formerly HIST 1101)****Europe in the Middle Ages**

Students will examine the evolution of medieval society and its institutions from the end of the Roman Empire to the late Middle Ages. They will evaluate the contributions made by the medieval world to the modern era, and will challenge traditional assumptions about the "Dark Ages" and the superstitious medieval world. Students will examine and analyze key developments in this time period including the rise of the Frankish Empire, the agricultural revolution, the evolution of the Western Church, the 12th Century renaissance, and the catastrophes of the 14th century. They will also evaluate the vital relationship between the West and its neighbours during this era.

*Transferable (refer to transfer guide)*

**HIST 2102 CR-3 (formerly HIST 1102)****Europe 1450-1789**

Students will survey the major political, social, economic and cultural trends in European history from the Renaissance to the French Revolution, focusing on some of the key issues which emerged during this period. They will consider the rebirth of humanism during the Renaissance, religious reform, and the development of Western influence in the world. By examining the material thematically, students will be able to identify the links between the early modern period and our own time.

*Prerequisites: HIST 2101 recommended*

*Transferable (refer to transfer guide)*

**HIST 2119 CR-3 (formerly HIST 1119)****Europe 1789-1914**

Students will examine the disturbances that began in France in 1789 and which signified the beginning of a new era where tradition and stability gave way to revolution and questioning. They will also study the impact of the Industrial Revolution and the ways in which it rewrote Europe's socio-economic history, creating new challenges for its political system. Students will examine the revolutionary changes that dominated the era 1789 to 1914, while at the same time identifying those elements of tradition that transcended the constant upheavals of this period.

*Transferable (refer to transfer guide)*

**HIST 2300 CR-3****Introduction to World Civilizations**

Students will analyze the rise and fall of some of the great civilizations of the world. They will focus primarily on non-western civilizations including China, Japan, Islam, India, and the civilizations of Africa and the Americas. Students will conclude by examining the rise of Western Civilization and the resultant struggles between tradition and westernization which have become an increasingly prominent feature of the last few decades. They will also evaluate the nature and adequacy of terms such as "civilization," "traditional," and "modern."

*Prerequisites: Any 1100 HIST course  
Transferable (refer to transfer guide)*

**HIST 2301 CR-3****The Ancient World**

Students will survey the major cultures of the Near East, Egypt, Greece, and Rome in antiquity, focusing on the rise of civilizations, the development of social, political, religious, and philosophical systems, and the transmission of culture. They will consider the origin of cities, the rise and fall of empires, the relationship between citizen and state, between religion and politics, and between politics and art. Students will evaluate the contributions these ancient civilizations have made to the modern world, and will learn to evaluate both primary and secondary sources in order to assemble evidence in support of an historically sound argument.

*Transferable (refer to transfer guide)*

**HIST 2304 CR-3****Canadian-American Relations**

Students will examine the major events and themes which have shaped the Canadian-American relationship from the American Revolution to the present. They will identify how this relationship has affected culture and the mass media, trade and investment, resource policies, defense, external affairs and trade unionism. Students will also learn how to assemble evidence in order to produce and present an historically sound argument through a major essay/case study.

*Prerequisites: HIST 1114 or HIST 1146 recommended  
Transferable (refer to transfer guide)*

**HIST 2307 CR-3****Twentieth Century Britain**

After a brief introduction to the guarded optimism of the Edwardian Age, students will thematically examine the socio-political impact of the First World War; the inter-war period and the rise of leftist politics; the impact of the decline of the British Empire; the trauma of the Great Depression; appeasement and the Second World War; post-war recovery and Britain under the American shadow; the social upheaval of the sixties; and the gradual swing to the right under Margaret Thatcher. They will conclude this course with an examination of Britain in the new Europe.

*Prerequisites: (HIST 1119 or HIST 1120 or HIST 1121 recommended)  
Transferable (refer to transfer guide)*

**HIST 2335 CR-3****War in the Modern World**

Students will examine and analyze warfare and its role in modern history. They will begin with a consideration of the relationship between war and society and the factors that have contributed to changes in warfare. Beginning with the "military revolution" of the sixteenth century, students will trace the emergence of mechanized mass warfare and the developments that led to the age of Total War. They will analyze these developments within a broader global context where appropriate. Students will also be introduced to the methodology of history through primary source analysis, oral presentations, and the writing of essays based on both primary and secondary sources.

*Prerequisites: 3 credits of 1100-level HIST courses  
Transferable (refer to transfer guide)*

**HIST 2350 CR-3****Late Imperial China**

Students will examine the history of the late Imperial period in China from the Qing conquest of 1644 to the Boxer Rebellion of 1900 and the fall of the dynasty in 1911. Students will examine the strengths and weaknesses of traditional society from political, economic, social, and cultural perspectives, in order to understand China's resilience in the nineteenth century. Students will also examine the role of key personalities who guided China's various attempts to come to grips with the new challenges of foreign imperialism and internal collapse.

*Transferable (refer to transfer guide)*

**HIST 2375 CR-3****Japan under the Shoguns, 1600 to 1868**

Students will critically examine the history of Japan during the Tokugawa era (1600 to 1868). They will analyze the creation and structure of the Tokugawa shogunate, as well as Japan's interactions with the West and China during the seventeenth and eighteenth centuries. Students will analyze intellectual, cultural, and economic developments during the long Tokugawa peace, including the emergence of Bushido; Genroku culture and the Floating World; and, the Japanese response to Western imperialism in the mid-nineteenth century.

*Prerequisites: HIST 1150 recommended  
Transferable (refer to transfer guide)*

**HIST 3310 CR-3****The Fibre of Society: Textile Production in Global History**

Students will critically analyze the connection between the production of textiles and global development. From the Paleolithic era to the post-industrial world, textile production has shaped the world in which we live. Students will critically examine key eras in historical development and will study the ways in which the production of textiles has shaped, transformed, and enhanced global development. Students will analyze topics such as the Paleolithic string revolution; textile production in Ancient Egypt, Greece, and China; the role and impact of the Silk Road; and the connection between textiles, slavery, colonialism, industrialization, and capitalism.

*Prerequisites: any 1100-level HIST course or 60 credits at 1100-level or higher  
Transferable (refer to transfer guide)*

**HIST 3313 CR-3****Canadian Social History: Order and Disorder**

Students will critically analyze a key element of Canadian social history by examining protest and the legal responses of Canadian governments to activities ranging from strikes and riots to campaigns for free speech, native rights, gender equality, environmental protection, and treason. They will critically examine the landmark legal cases that crystallize these issues. Students will evaluate trials to reveal not only a society's practice of adjudication and system of jurisprudence, but also its often hidden beliefs, customs, and cultural values.

Note: This is a seminar-based course.

*Prerequisites: 6 HIST credits including HIST 1114*

*Transferable (refer to transfer guide)*

**HIST 3320 CR-3 (formerly HIST 2400)****The Balkans from 1543-1918**

Students will critically analyze the history of the Balkan Peninsula and its peoples from the period of Ottoman rule to the establishment of independent states after the First World War. They will evaluate the impact of Ottoman domination, on the forces that led to its disintegration and the region and analyze the subsequent struggle to achieve independence. They will also analyze the ways in which historians have approached the history of the Balkan Peninsula.

*Prerequisites: 18 credits of 1100-level or higher, including 6 HIST credits*

**HIST 3327 CR-3 (formerly HIST 2327)****History of Russia to 1917**

Students will critically analyze the major developments in, and the role of individuals who shaped pre-Bolshevik Russia. They will evaluate and analyze political, cultural, and social developments beginning with the rise of Muscovite Russia and the evolution of Russian absolutism, and concluding with an analysis of the last years of Imperial Russia, war, and revolution. Students will focus on the relationship between the autocratic state and Russian society. Students will also be introduced to the historiography of Imperial Russia.

*Prerequisites: 18 credits of 1100-level or higher, including 6 HIST credits*

**HIST 3328 CR-3****History of the Soviet Union**

Students will critically analyze the major developments in, and the role of the individuals who shaped Soviet history from 1917 to 1991. They will evaluate and analyze political, cultural, and social developments, including the revolutionary era, the New Economic Policy, Stalinism and its implications, Destalinization under Khrushchev, and the Brezhnev era. Students will critically evaluate the Gorbachev era and analyze the reasons for and implications of the eventual disintegration of the Soviet Union. They will also analyze the ways in which historians have approached the history of the Soviet era.

*Prerequisites: 18 credits of 1100-level or higher, including 6 HIST credits*

*Transferable (refer to transfer guide)*

**HIST 3330 CR-3****Germany in the Long Nineteenth Century (1789 - 1914)**

Students will critically analyze key issues in the creation, expansion, and ultimately the collapse of Imperial Germany, a process which consumed much of what historians have labeled the 'long nineteenth century'. They will critically examine questions of national identity, state formation, economic, social, and cultural development, with specific focus on issues such as militarism, religious conflict, the evolution of political ideologies, 'the history of everyday life', and the vitality of German culture. Students will also examine and analyze important historiographical debates throughout the course.

*Prerequisites: 18 credits of 1100-level or higher, including 6 HIST credits*

*Transferable (refer to transfer guide)*

**HIST 3331 CR-3****Twentieth Century Germany**

Students will analyze the political, economic, social, and cultural development of Germany in the twentieth century. They will critically examine the impact of the First World War on the creation and ultimate failure of the Weimar Republic. Students will also examine the connection between the failure of Weimar and the rise of Adolf Hitler and the National Socialists. They will critically analyze the global impact of the rise of Nazism and of the Holocaust, linking these events to the postwar development in East - West Germany and the events which led to reunification in 1990. Students will also examine and critique important historiographical debates throughout the course.

*Prerequisites: 18 credits of 1100-level or higher, including 6 HIST credits*

*Transferable (refer to transfer guide)*

**HIST 3340 CR-3****The Civil War and Reconstruction**

Students will critically analyze the events leading to the American Civil War (1861-1865), the four years of the conflict, and Reconstruction through 1877. They will critically evaluate and analyze the development of the Southern plantation economy versus the industrial North, the growing division between North and South over the issue of the expansion of slavery into the west, the breakdown of the major national parties, the rise of the Republican Party, and secession. They will critically analyze the social, economic, political, and military nature of the war and its effects on race and gender in the United States. Students will also evaluate the impact of the freeing of slaves and the consequences of Reconstruction on American society up to 1877. They will examine and critique the latest scholarship on the Civil War and Reconstruction.

Note: This is a seminar-based course.

*Prerequisites: 6 HIST credits (HIST 1146 strongly recommended) plus 18 credits at 1100-level or higher*

*Transferable (refer to transfer guide)*

**HIST 3344 CR-3****Colonial America**

Students will critically analyze the social, cultural, religious, economic, and political development of Colonial America from the time of contact between indigenous peoples and the European explorers and colonizers to the eve of the American Revolution. They will evaluate the growth and nature of the Southern, Middle and New England colonies, the interaction between indigenous, European, and African peoples; and the imperial struggle between the English, French, and Spanish empires in America. Students will examine in detail the diversity of peoples in Colonial America and the formation of an American political culture by the 1760s. They will also analyze the ways in which historians have approached the history of Colonial America.

*Prerequisites: 6 HIST credits (HIST 1145 strongly recommended) plus 18 credits at 1100-level or higher*  
*Transferable (refer to transfer guide)*

**HIST 3345 CR-3****History of the American West**

Students will critically analyze the history of the American West, from the time of colonization to the twentieth century. They will critically examine key topics such as the interaction of diverse peoples west of the Mississippi River, the policies of the United States government in directing western settlement, the rise of territorial governments and communities, exploitation of natural resources, the role of women and ethnic minorities in western life, and the significance of the West in the history of the United States as a whole. Students will critically analyze various historical perspectives on the American West throughout the course.

*Prerequisites: 6 credits of HIST including one of HIST 1145 or HIST 1146 or HIST 2304*  
*Transferable (refer to transfer guide)*

**HIST 3350 CR-3****China in the Twentieth Century: Reforms and Revolutions**

Students will examine the tumultuous history of the world's largest country from the Boxer Rebellion to the dawn of the twenty-first century. They will critically analyze the interplay between indigenous culture and institutions and external models which has marked this period of Chinese history more than any other. They will examine in detail how and why China attempted to use what had worked in other countries to force external solutions onto intractable Chinese reality. Throughout the course they will also critically appraise the historiographical debates on the ways that Chinese leaders, intellectuals and citizens from the Qing dynasty to the Communist Party creatively adapted and even changed what they had received from abroad into their own unique syntheses.

Note: This is a seminar-based course.

*Prerequisites: 18 credits of 1100-level or higher, including 6 HIST credits*

**HIST 3360 CR-3****British India 1857 to 1947**

Students will critically examine developments in Indian society and culture during the period of British Raj, including the establishment and structure of British rule, the origins and growth of the independence movement, the evolution of political institutions, and the emergence of post-colonial independent states on the subcontinent.

Note: This is a seminar-based course.

*Prerequisites: 18 credits of 1100-level or higher, including 6 HIST credits (HIST 1160 strongly recommended)*  
*Transferable (refer to transfer guide)*

**HIST 3361 CR-3****Indian Subcontinent since 1947**

Students will critically analyze the political, social, and cultural developments since independence in 1947 in the states of the Indian subcontinent: India, Pakistan, and Bangladesh. They will examine developments such as the evolution of nationalism, the construction of political and administrative systems, cultural and social changes, inter-state relations, and major political and economic events and developments to the end of the twentieth century.

Note: This is a seminar-based course.

*Prerequisites: 18 credits of 1100-level or higher, including 6 HIST credits (HIST 1160 strongly recommended)*

**HIST 3370 CR-3****History of Modern Japan**

Students will critically examine the history of Japan during the late nineteenth and twentieth centuries. They will analyze the impact of the West, the formation of the modern imperial state, social conflict during the Taisho period, the creation of the Japanese empire, the China and Pacific Wars, the Occupation Era, and the structural realignments of the postwar period. In addition to exploring social, cultural, political, and economic changes during this period, students will also critically examine the evolution of Japanese understandings of 'modernity' and 'tradition' and the construction of modern Japanese identity.

*Prerequisites: 18 credits of 1100-level or higher, including 6 HIST credits*  
*Transferable (refer to transfer guide)*

**HIST 3380 CR-3****World War Two in the Pacific**

Students will critically examine the history of the Second World War in the Pacific. They will analyze various aspects of the conflict, including the rise of militarism in Japan, the origins of the Sino-Japanese War, the Rape of Nanjing, the attack on Pearl Harbor, the reasons for the early Japanese victories, the Allied counter-offensive, the war at sea, the role of race and propaganda, strategic bombing, the decision to drop the Atomic Bombs, and the aftermath of the war in Asia. Students will also explore the impact of the war on individuals through the critical examination of memoirs from participants on all sides of the conflict.

Note: This is a seminar-based course.

*Prerequisites: 12 HIST credits (including 6 credits at the 2000-level or higher) (HIST 2335 and/or HIST 3770 highly recommended)*  
*Transferable (refer to transfer guide)*



**HIST 3390 CR-3****Canada and World War I**

Students will analyze key issues related to Canada's participation in the First World War. They will critically examine the impact of war on Canada including topics such as propaganda, military leadership, conscription, pacifism, government programs, the suspension of civil liberties, reform movements, and the legacy of the war. Students will critically analyze questions such as whether Billy Bishop was a Canadian hero; whether Canada achieved international recognition and emerged as a distinct nation due to its role in the war; and how the war has been remembered in film, literature, music, and monuments. Students will learn to evaluate both primary and secondary sources in order to assemble evidence in support of a historically sound argument.

Note: This is a seminar-based course.

*Prerequisites: 9 credits of HIST 1100-level or higher including HIST 1114*

*Transferable (refer to transfer guide)*

**HIST 3392 CR-3****The Home Front: Britain during World War II**

Students will critically analyze key events and developments in British society during the Second World War. In particular, they will scrutinize the mythology of the 'People's War', through an examination of public participation and morale during the conflict. Students will critically examine leisure, the arts, propaganda, gender, class, and social identity, as well as the more tangible aspects of a nation at war: the Blitz, rationing, the presence of foreign troops on British soil, law and order, politics, and the emergence of a more egalitarian vision for the post-war era. Students will learn to evaluate both primary and secondary sources in order to assemble evidence in support of an historically sound argument.

Note: This is a seminar-based course.

*Prerequisites: 12 credits of HIST 1100-level or higher, including HIST 1120 or HIST 1130 (HIST 2307 strongly recommended)*

*Transferable (refer to transfer guide)*

**HIST 3397 CR-3****Guerillas in the Mist: Terrorism in the Modern World**

Students will critically examine the role and impact of guerrilla organizations and terrorist groups in the modern world. They will weigh popular claims that terrorist groups accomplish little of substance against the actual achievements of guerrilla organizations and terrorist groups in the twentieth century and at present. Students will analyze movements which emerged in such places as China, Japan, the Middle East, Europe, Central and South America, Africa, and Central Asia. They will also critically examine the major theorists of guerrilla warfare including Mao Zedong and Ché Guevara and will critically examine the nature and implications of terms such as 'guerrilla,' 'terrorist,' and 'freedom fighter'.

*Prerequisites: 12 HIST credits (including 6 credits at the 2000-level or higher) (HIST 2335 strongly recommended)*

*Transferable (refer to transfer guide)*

**HIST 4400 CR-3****Applications of History**

Students will critically evaluate whether the pursuit of an understanding of the past is either a desirable or an attainable objective. They will undertake a critical examination of historical methodology as currently practiced, analyzing questions such as: Does history provide authentic and relevant knowledge? What constitutes valid historical research and evidence? What is unique about historical analysis? What is the significance of competing schools of historical interpretation? Why is the past so often the subject of controversy in popular and public culture? How do we come to know history outside the classroom? What is the relationship between popular presentations of the past and scholarly writings about history?

Note: This is a seminar-based course.

*Prerequisites: 12 HIST credits, including 6 HIST Credits at the 2100-level or higher*

*Transferable (refer to transfer guide)*

**HIST 4407 CR-3****British Society and Culture, 1900-2000**

Students will interpret key issues in the development of Britain's social and cultural history through the twentieth century. They will understand that the typical interpretation of this period, that of a nation in decline, is superficial and needs significantly more sophisticated analysis. Students will determine whether a nation in an evolutionary state of democratization, and one that today gives cultural cues to much of the rest of the world, cannot be dismissed as solely a nation in decline. They will understand that the common thread stitching the course together will be the changing face of social class and the interplay between this and the development of modern British culture-both 'high-' and 'low-brow'. Students will analyze developments as far- ranging as from the decline of aristocracy and the emergence of Pop Art in the 1960s to the emergence of a middle class hegemony and the creation of Margaret Thatcher's "nation of home owners".

Note: This is a seminar-based course.

*Prerequisites: 12 HIST credits, including 6 at the 2000-level (HIST 2307 strongly recommended)*

*Transferable (refer to transfer guide)*

**HIST 4420 CR-3****Europe in the "Age of the Dictators"**

Students will undertake an in-depth analysis of European dictatorships from 1918 to 1945. They will examine and critically analyze the phenomenon of dictatorship within its European political, social, economic, and cultural context. Students will focus primarily on the dictatorships of the Soviet Union and Nazi Germany, but other European dictatorships will receive consideration as well. Students will develop a stronger and more sophisticated understanding of European dictatorship through an examination of the extensive and controversial literature that exists on the topic.

Note: This is a seminar-based course.

*Prerequisites: 45 credits at 1100-level or higher, including 12 HIST credits (HIST 1120, HIST 1130, HIST 3328, or HIST 3331 strongly recommended)*

*Transferable (refer to transfer guide)*

**HIST 4430 CR-3****The Holocaust in History**

Students will critically analyze the origins, causes, progression, and development of the National Socialist campaign against the Jews and the so-called "Undesirables" who found themselves living under Hitler's New Order. They will utilize an interdisciplinary approach to examine and analyze the groups and individuals involved in the Holocaust, including perpetrators, victims, bystanders, resistance fighters, and rescuers. Students will also critically evaluate the meaning, impact, and aftermath of the Holocaust through readings, film, and discussions, paying particular attention to the interrelationship of technology, bureaucracy, and genocide. They will evaluate in-depth the historiographical debates concerning the origins, evolution, impact, and memorialization of the Holocaust.

Note: This is a seminar-based course.

*Prerequisites: 12 HIST credits, including 6 at the 2000-level Transferable (refer to transfer guide)*

**HIST 4435 CR-3****Genocide in the Twentieth Century**

Students will utilize an interdisciplinary approach to critically analyze the phenomenon of genocide. They will undertake a comparative evaluation of a number of outbreaks of genocide during the twentieth century. Students will also critically examine and evaluate the historiographical and philosophical debates on this topic, especially in regard to how genocide has been defined and the relationship between definition and the interpretation of historical events.

Note: This is a seminar-based course.

*Prerequisites: 12 credits of HIST including 6 HIST credits at the 2000-level Transferable (refer to transfer guide)*

**HIST 4445 CR-3****The United States since 1945**

Students will critically examine the emergence of the United States as a global superpower in 1945. They will critically analyze the impact of rising national prosperity, coupled with growing tensions with the Soviet Union, and the profound changes which these two factors brought to American society. Students will examine the pressures placed upon an enlarged federal government to expand social programs and civil rights, even as many Americans deplored the growth of the welfare state. Throughout this course students will undertake an in-depth analysis of the impact of the Cold War on American foreign policy and society, the politics of the social welfare state, the civil rights struggles, the war in Vietnam, cultural trends, Watergate, environmentalism, the neo-conservative revolution, and the challenges of a changing world order since the 1990s. They will develop critical intellectual skills through an understanding of current historical interpretations of the US since 1945.

Note: This is a seminar-based course

Note: For graduation purposes, students may not receive credits for both HIST 2370 and 4445

*Prerequisites: 9 credits of HIST at the 1100-level or higher and HIST 1146 Transferable (refer to transfer guide)*

**HIST 4450 CR-3****China and the West**

Students will critically analyze the mutually influential relationship between China and the West from early medieval contact through to the end of the twentieth century. They will examine and analyze both sides of this 'Great Encounter' through a combination of chronological and thematic perspectives. Students will investigate myths such as China's supposed backwardness or its reputedly 'monolithic, unchanging, and isolationist' attitudes towards other cultures. They will also apply the same critical perspective to the examination of the West's own periodic bouts of Sinomania and Sinophobia.

Note: This is a seminar-based course.

*Prerequisites: (12 HIST credits including 6 credits HIST 2100-level or above) and HIST 2350 Transferable (refer to transfer guide)*

**HIST 4455 CR-3****Sages and Statecraft in China**

Students will critically examine a variety of Chinese historical texts in translation dealing with subjects such as the art of governing, the role of government, the ethical basis of rulership, and the relationship between the state and the people. They will analyze selections by authors such as Lord Shang, Confucius, Mencius, Lao Zi, Han Fei Zi, Liang Qichao, Sun Yat-sen, and Mao Zedong. Students will use primary documents to conduct guided research on questions such as the following: Is there a Chinese concept of human rights? Is democracy alien to the Chinese political tradition? To what extent did Maoism reflect the Chinese political tradition? Have historians been able to identify a unique Chinese political tradition? What are the problems associated with applying concepts derived from Western political theory to the study of Chinese history?

NOTE: This is a seminar-based course

*Prerequisites: (12 HIST credits including 6 credits HIST 2100-level or above) AND (HIST 2350 or HIST 3350) Transferable (refer to transfer guide)*

**HIST 4460 CR-3****Gandhi in History**

Students will critically analyze the evolution of Mohandas K. (Mahatma) Gandhi's concept of Satyagraha, or non-violent non-cooperation. They will critically analyze the application of this concept during Gandhi's political activities in South Africa and as the recognized leader of the independence movement in India. Students will also critically evaluate Gandhi's influence on other non-violent, non-cooperative methods of political activism during the Twentieth Century, including the Civil Rights movement in the United States and the anti-apartheid movement in South Africa.

Note: This is a seminar-based course.

*Prerequisites: HIST 2361 or HIST 2362 or 12 credits of HIST courses (6 at 2000-level or higher) Transferable (refer to transfer guide)*

### **HIST 4470 CR-3**

#### **Warriors of Japan: The Samurai**

Students will examine and critically analyze the unique history and culture of Japan's samurai warrior class, from its ancient origins to its transformation under the Tokugawa regime and its spiritual reincarnation in modern times. They will also critically examine the construction and transformation of bushido (the way of the warrior) from pre-history to the present. Students will focus on two central themes: the historical reality of the samurai and the construction of samurai mythology both in Japan and abroad. They will analyze the course material through a variety of sources, including primary documents relating to samurai life, the samurai tales of the pre-modern period, and Japanese and foreign cinematic portrayals of the samurai and bushido.

Note: This is a seminar-based course.

*Prerequisites: 12 credits of HIST, including 6 at the 2000-level (HIST 1150 or HIST 1151 strongly recommended)*  
*Transferable (refer to transfer guide)*

### **HIST 4480 CR-3**

#### **The Vietnam War in Historical Perspective**

Students will analyze key issues related to the history of the war in Vietnam. They will critically examine topics such as the French role in Indochina, the motivations behind American involvement in the region, the nature of the war itself, cultural assumptions underlying the war, the impact of the war both within the United States and in Indochina, the legacy of the war with respect to regional and global history, and the memorialization of the war in film, literature, music, and monuments. Students will learn to evaluate both primary and secondary sources in order to assemble evidence in support of an historically sound argument.

Note: This is a seminar-based course.

*Prerequisites: 12 credits of HIST at the 1100-level or higher (HIST 1146 strongly recommended.)*  
*Transferable (refer to transfer guide)*

### **HIST 4485 CR-3**

#### **The Great Strategists**

Students will critically analyze the evolution of military strategy around the world, its relationship to technology, politics, and culture, and its impact on the conduct of warfare throughout history. They will critically analyze the influence of selected writings by strategists such as Sun Zi, Thucydides, Chinggis Khan, Khalid ibn al-Walid, Napoleon, Carl von Clausewitz, Antoine-Henri Jomini, Alfred Thayer Mahan, Ivan Bloch, Giulio Douhet, Hans Guderian, and Mao Zedong. Students will also critically analyze the concept of "Just War", the role of morality in war, and the writings of influential pacifists and critics of war such as Leo Tolstoy and Aldous Huxley.

Note: This is a seminar-based course.

*Prerequisites: 12 HIST credits, at least 6 credits at the 2000-level or higher (HIST 2335 strongly recommended)*  
*Transferable (refer to transfer guide)*

### **HIST 4490 CR-3**

#### **History of British Columbia**

Students will analyze the political, social, and economic history of British Columbia. They will critically examine topics such as aboriginal culture, the fur trade, gold rushes, settlement and immigration patterns, ethnic relations, the development of the fishing and lumber industries, the evolution of transportation systems, the growth of metropolitan centres, the labour movement, and federal-provincial relations. Students will examine the province's past in order to evaluate the ways in which historical forces have shaped British Columbian society. They will critically evaluate British Columbia's unique identity and its place in Canada with particular emphasis on local history, historical methods, and evidence.

Note: This is a seminar-based course.

*Prerequisites: 12 HIST credits including 6 credits at the 2000-level (HIST 1113 or HIST 1114 or GEOG 1160 strongly recommended)*  
*Transferable (refer to transfer guide)*

### **HIST 4491 CR-3**

#### **Québec in Canada**

Students will critically examine the development of Québec society since 1867, focusing on the interplay between tradition and modernization in the development of the modern Québec identity, as well as the sometimes stormy relationship between French- and English-speaking Canadians within modern Canada. They will critically evaluate the contrast between the optimistic hopes of the Confederation period and the realities of building a transcontinental nation out of two vastly different cultures. Students will critically examine original documentary material, in translation, on issues such as the role of Catholicism in society, the tensions and cleavages within the French-speaking community, the importance of the independence movement, and the place of non-Francophone minorities.

Note: This is a seminar-based course.

*Prerequisites: 12 HIST credits; at least 6 credit at the 2000-level or higher (HIST 1113 or HIST 1114 strongly recommended)*  
*Transferable (refer to transfer guide)*

### **HIST 4497 CR-3**

#### **Canada and World War II**

Students will analyze key issues related to Canada's participation in the Second World War. They will critically examine topics such as government leadership, the suspension of civil liberties, propaganda, women's roles, conscription, industrial development, social reform, ethnic minorities, prisoners of war, and the legacy of the war. Students will focus primarily on critically examining the Canadian army, navy, and air force during the war years.

Note: This is a seminar-based course.

*Prerequisites: 12 HIST credits including 6 HIST credits at the 2000-level or higher (HIST 1114 or HIST 2335 strongly recommended) plus 18 credits at 1100-level or higher*  
*Transferable (refer to transfer guide)*

## **HORTICULTURE (HORT)**

### **HORT 1101 CR-0.5**

#### **Pesticide Applicator/Dispenser Certification**

Students will learn about pesticides and their use and about federal, provincial and municipal laws governing personnel and environmental issues. Successful completion of the course depends upon students obtaining a 5-year pesticide applicator/dispenser certificate.

**HORT 1102 CR-3****Botany for Horticulture**

Students study the morphology, anatomy, physiology, and reproduction of cone-bearing and flowering plants. They will apply appropriate plant taxonomy and nomenclature to the major plant families used in commercial horticulture. Students will discuss evolution and plant ecology to challenge some current horticultural practices. They will work with fresh and preserved plant material to provide an understanding of current horticultural practices, and will demonstrate different aspects of plant physiology in the laboratory.

**HORT 1104 CR-3****Soils and Growing Media**

Students will study the components and properties of soils and growing media. They will discuss the characteristics of organic matter and biological activity within the soil profile. Students will study how plant growth is affected by soil and growing media properties such as pH, nutrient retention, salinity, and the movement and retention of water. They will examine plant nutrient deficiencies, fertilizer types, and liming recommendations. Students will practice basic soil sampling and testing methods and discuss environmental issues involving soil and growing media practices.

*Prerequisites: Any Math 11 or HRTA 0096 or HORT 1094 or ABEM 0011 or MATQ 1099 or MATQ 1093 or Kwantlen's Horticulture/Mathematics placement test*

**HORT 1110 CR-3****Introduction to Sustainable Horticulture**

Students will consider horticulture within a social context and social responsibility, exploring the inter-relatedness between environment, society, and economy. They will differentiate between conventional and sustainable practices in different horticultural disciplines: greenhouse production, nursery, turf, and landscape. Students will study the core issues of water use, soil management, energy consumption, air quality/pollution, and land use. They will employ critical thinking to analyze the underlying topics of urban land planning, crop diversity, genetic modification, and bioproducts/bioprocessing. Students will investigate sustainability within a frame work of the history of agriculture and horticulture, food and amenity systems within ecology, and the rise of organic cultivation.

**HORT 1116 CR-2****Introductory Equipment Maintenance**

Students will be introduced to basic machinery and mechanical systems used in horticulture. They will perform preventative maintenance and troubleshooting procedures on horticulture equipment. Safe work practices will be covered.

**HORT 1119 CR-3****Landscape and the Environment I**

Students will examine social, ecological, and economic principles of sustainability within the context of residential landscapes. They will relate natural processes, human values, and technology in a systems approach to landscape planning, installation, and maintenance that mitigates environmental degradation. Students will examine practical adaptive landscape strategies including biodiversity, green roofs, and absorptive landscapes.

**HORT 1122 CR-2****Introduction to Landscape Practices**

Students will be introduced to the scope and breadth of the landscape industry. They will study basic landscape installation and maintenance including concrete structures, pathways, and plant material. Students will also practice basic landscaping equipment operations. They will be required to complete individual work practice sessions outside of formal class time.

**HORT 1134 CR-2****Turf Maintenance Operations**

Students will perform work on the School of Horticulture golf course and grounds to gain practical experience in turf maintenance. They will engage in tasks including reel, rotary, flail mowing, core cultivation, topdressing, seeding, sodding, sand trap maintenance, and other tasks as required to maintain a variety of turf operations. Students will be required to complete individual work practice sessions outside of formal class time.

**HORT 1155 CR-3****Introduction to Plant Identification**

Students will practice skills that will enable them to identify a wide range of plants used in all segments of horticulture including examples of trees, shrubs, vines, groundcovers, perennials, annuals, house plants, and cut flowers. They will study the important characteristics of leaves, flowers fruits, plant shapes, and branching patterns, and will learn about growing requirements and plant use and availability.

**HORT 1171 CR-2****Production Practices - Fall**

Students will study essential horticultural principles and will work in School of Horticulture and commercial greenhouse facilities to gain experience in basic horticultural labour and equipment operations. They will maintain and harvest fall season crops, such as poinsettias, chrysanthemums, cut flowers, potted plants, greenhouse vegetables, and forestry crops. Students will be required to complete individual work practice sessions outside of formal class time.

NOTE: Fieldtrips to commercial operations are an integral part of this course.

**HORT 1172 CR-2 (formerly HORT 2472)****Forest Seedling Production**

Students will study the culture of forestry seedling crops grown in BC nurseries, focusing on native conifer species. They will be introduced to the structure of the forest seedling industry, seed handling and sowing, stocktypes, production cycles, cultural requirements, and post-harvest handling. Students will examine the influence of both silviculture and agroforestry practices on forest seedling operations.

**HORT 1217 CR-3****Introduction to Pest Management**

Students will study the morphology, physiology, and habits of pests (including insects, mites, and vertebrates) to select a combination of cultural, chemical, physical, and biological control methods. They will work with diseases and disorders of plants, and will demonstrate concepts of the spread of disease. Students will handle weed specimens to identify and choose appropriate control measures. They will discuss the tenets of integrated pest management and relate them to commercial horticultural situations, and will learn the safe and effective use of 25 kg-backpack and/or canister sprayers.

*Co-requisites: HORT 1101 HORT 1101*

### **HORT 1224 CR-3 (formerly HORT 1220)**

#### **Landscape Drafting**

Students will study basic drafting techniques and standards. They will also practise drafting skills through a series of manual and computer assisted drafting exercises. Students will practice the proper use of drafting tools, techniques, and a computer assisted design program.

### **HORT 1230 CR-3**

#### **Sustainable Turf Management**

Students will study and apply principles for the establishment and maintenance of sustainable turf. They will select and apply fertilizers, compost materials, and other amendments. Students will develop cultural programs for the low maintenance lawns, lawns in sustainable landscapes, and organic lawns. They will review and discuss current issues affecting the function, use, and maintenance of turf in modern society. Students will be introduced to the management of athletic fields and golf courses.

### **HORT 1240 CR-3**

#### **Arboriculture I**

Students will study the relationships between plant function and plant form and structure. They will gain practical experience, as weather permits, in pruning a wide range of trees and shrubs using hand pruning tools, power hedge trimmers, and a chipper

*Prerequisites: HORT 1155 or HORT 1145 or HRTA 1125*

### **HORT 1246 CR-1.5**

#### **Plant ID for Production**

Students will practice the identification of plant species produced in commercial greenhouses and nurseries in varying stages of growth. They will also learn about the use of plants, their growing seasons, and their market value.

*Prerequisites: HORT 1155 or HORT 1145 or HORT 1125 or HRTA 1125*

### **HORT 1255 CR-1.5**

#### **Plant Identification 2**

Students will enhance their plant identification skills learned in HORT 1155 through field identification of trees, ground covers, vines and other plants. They will discuss each plant with respect to shape, branching patterns, flower, leaf and fruit characteristics, growing requirements and use in the landscape.

*Prerequisites: HORT 1155*

### **HORT 1261 CR-3**

#### **Plant Propagation**

Students will discuss the main topics of plant propagation with a view towards sustainable practices. They will perform all aspects of seed propagation including seed storage, seed quality, seed dormancy, and the maintenance of environmental factors affecting seed germination. Students will perform micropropagation in a tissue culture laboratory. They will also perform traditional vegetative propagation (cuttings, grafting, division, layering, and specialized stems and roots) and discuss the proper environment used for each technique. Students will discuss plant breeding and contrast propagation methods used for native plants and plant clones.

*Prerequisites: HORT 1102 or (HRTA 1100 and HRTA 1101 and HRTA 1102) or (HRTA 1110 and 1111)*

### **HORT 1271 CR-2**

#### **Production Practices - Spring**

Students will perform in the School of Horticulture and commercial greenhouse facilities to gain experience in basic horticultural labour and equipment operations. They will maintain and harvest winter and spring season crops, such as Easter lilies, cut flowers, bedding plants, potted plants, greenhouse vegetables, and forestry crops. Students will be required to complete individual work practice sessions outside of formal class time.

*NOTE: Fieldtrips to commercial operations are an integral part of this course.*

### **HORT 2300 CR-2**

#### **Horticultural Work Experience**

Students will participate in an approved work experience in the horticulture industry. They will apply their landscape, turf or production horticultural skills in a commercial setting. Upon completion of the work experience students will prepare a written report and give an oral presentation on their experiences.

*Prerequisites: HORT 1122 or HORT 1134 or HORT 1171 or HORT 1271*

### **HORT 2304 CR-2**

#### **Grounds Machinery**

Students will study, operate, and maintain the turfgrass equipment used in a modern golf course or parks facility. They will perform maintenance and repairs on the machinery used for turf cultivation, renovation, mowing, spraying, and other types of grounds maintenance. Students will discuss the selection and purchasing of machinery. They will propose and design a turf care facility within the context of sustainable practice.

*Prerequisites: [HORT 1116 or (HORT 1107 and HORT 1108)] and [HORT 1230 or HRTA 1230 and HRTA 1231 and HRTA 1232]*

### **HORT 2308 CR-3**

#### **Landscape IPM**

Students will undertake a detailed study of specific pest problems common to ornamental and native trees, shrubs, ground covers and turfgrasses, with an emphasis on diagnosis. They will explore pest life cycles, plant symptoms, pest prevention and pest control. Students will also gain an understanding of integrated pest and disease management using a variety of methods including Internet resources, pest management computer programs and diagnostic CD-ROMs.

*Prerequisites: (HORT 1155 or HORT 1145) and [HORT 1201 or (HORT 1101 and HORT 1207) or (HORT 1217 and HORT 1101) or (HRTA 1200 and HRTA 1201)].*

### **HORT 2320 CR-3**

#### **Landscape Design 1**

Students will practice the basic principles of landscape design for single-family residential properties, including plant composition, creative problem solving, functional and design uses of landscape materials, client and maintenance criteria. They will prepare working drawings such as concept and planting plans for actual clients. Students will investigate the history of landscape design.

*Prerequisites: (HORT 1224 or HORT 1220) and (HORT 1155 or HORT 1145) and (HORT 1255 or HORT 1225)*

**HORT 2330 CR-3****Turfgrass and Environmental Stress**

Students will examine the effects of environmental stresses (including atmospheric, climatic, soil, and biotic stresses) on turfgrass growth, development, and function. They will discuss and apply management techniques, and will study the development of new techniques.

*Prerequisites: HORT 1104 and HORT 1230 or (HRTA 1230 and HRTA 1231 and HRTA 1232)*

**HORT 2333 CR-3****Turfgrass Pest Management**

Students will undertake a detailed study of the pests and weeds common to turfgrasses, and plants associated with turfgrass areas. They will examine and discuss pest life cycles, plant symptoms, pest prevention and control, and pesticide storage and use. Students will also learn about the importance of integrated weed, pest, and disease management using a variety of methods including Internet resources, diagnostic CD-ROMs, and interaction with pest management colleagues. Students will practice using pest control equipment on outdoor turfgrass.

*Prerequisites: HORT 1230 and [(HORT 1201 or (HORT 1101 and HORT 1207) or (HORT 1101 and HORT 1217) or HRTA 1200 and HRTA 1201]*

**HORT 2334 CR-3****Irrigation, Drainage and Lighting**

Students will study the soil-water-plant relationship as it applies to landscape irrigation and drainage. They will maintain, install, and design irrigation and drainage systems with a focus on residential or small-scale systems. They will also study the installation and maintenance of landscape lighting.

*Prerequisites: Principles of Math 11 or Applications of Math 11 or ABEM 0082 or 0011 or PSPM 1082 or MATP 1011 or HORT 1094 or MATH 1093 or a Horticulture Math placement exam with a C*

**HORT 2335 CR-2.5****Sports Turf Management Practices**

Students will study and apply management techniques for specialized turf areas such as football, rugby and soccer fields, baseball diamonds, bowling greens, grass tennis and croquet courts. They also examine the management of alternate sports surfaces including synthetic turf athletic fields, skinned baseball infields, clay and asphalt tennis courts, and hybrid turf/synthetic sports fields. Students will practice sports turf maintenance.

*Prerequisites: HORT 1230 or HRTA 1230 and HRTA 1231 and HRTA 1232*

**HORT 2355 CR-3****Plant Identification 3**

Students will identify annuals, biennials, perennials, bulbs, ornamental grasses, shrubs, and trees, including native materials. They will discuss each plant with respect to form, texture, habit, foliage, flower and fruit characteristics, cultural requirements, and use in gardens and specialty landscapes.

*Prerequisites: HORT 1155 or HORT 1145*

**HORT 2371 CR-3****Fall Floriculture**

Students will describe and apply the general floriculture production principles and commercial practices of selected cut flower crops grown in the Canadian greenhouse industry. They will practice production techniques on flower crops grown in the Horticulture field laboratory greenhouses. Students will examine sustainable production practices and sustainable certification programs used in the floriculture industry.

*Prerequisites: (HORT 1171 or HORT 1271) and (HORT 1201 or HORT 1217 or HRTA 1201)*

**HORT 2372 CR-3****Greenhouse Vegetable Production**

Students will study and practice the culture and management practices of greenhouse vegetable crops, including propagation methods, production of the crop, end of year clean-up, marketing, and economics of vegetable production. They will study temperature, nutrition, crop scheduling, integrated pest management and variety selection. Students will grow tomatoes, cucumbers, and sweet peppers. Minor protected crops will also be examined. They will study food safety legislation and safe food handling practices.

*Prerequisites: (HORT 1217 or HORT 2378) and (HORT 1171 or HORT 1271)*

**HORT 2375 CR-3****Production Facilities and Equipment**

Students will study the essential elements of greenhouse site selection and site layout. They will analyze the features and benefits of common types of greenhouse structures and covering materials. Students will investigate benching types and layouts, irrigation systems, and greenhouse components. Other specialized systems, such as heating systems, will also be covered. During labs, students will monitor and maintain greenhouse facilities and equipment. Visits to commercial greenhouse operations will introduce concepts of mechanization, relating this to classroom exercises on horticulture ergonomics and efficiency.

*Prerequisites: HORT 1116 or (HORT 1107 and HORT 1109)*

**HORT 2378 CR-3****Greenhouse and Nursery Pests**

Students will study major greenhouse and nursery pests, including insects, fungi, bacteria, and viruses. They will learn pest identification in the laboratory and on site by working with live and preserved specimens, as well as by interacting with pest management professionals. Students will practice monitoring and control methods in the greenhouse and field. They will develop and evaluate integrated pest management programs using a variety of resources including Internet and diagnostic CD-ROM programs.

*Prerequisites: HORT 1217 or HORT 1201 or (HORT 1101 and HORT 1207) or HRTA 1200 and HRTA 1201). Valid BC Pesticide Applicator Certificate, Agriculture Producer*

**HORT 2412 CR-3****Landscape Estimating and Contract Administration**

Students will learn to prepare, administer and manage contracts and estimates for landscape projects. They will study and practice techniques for writing landscape contracts, and discuss multiple approaches to preparing landscape estimates. Students will summarize insurance, bonds, liens, and explore the relationships between financial, cost and cash flow accounting systems as they relate to the operation and management of a landscape company.

**HORT 2420 CR-3****Landscape Design II**

Students will explore the design challenges associated with residential sites and small scale public spaces. They will practice design skills such as cut and fill calculations, site and client analysis, and plant composition. Students will prepare working drawings such as grading plans, elevations and construction details.

*Prerequisites: HORT 2320*

**HORT 2426 CR-3****Landscape Construction**

Students will explore both the theory and practice of landscape construction. They will have an opportunity to practice the construction and installation of landscape features such as patios, decks, retaining walls, ponds, fences, and arbors.

*Prerequisites: HORT 1122 or HORT 1134 or HRTA 1321*

**HORT 2436 CR-3****Golf Course Management**

Students will study the operation and management of the golf course in the context of golf as a recreational activity, a competitive activity, and a business. Students will assess the impacts of the rules of golf, the play of the game, environmental stewardship, the organization of the turf care operations, and the organization of the golf business on golf maintenance operations. They will also analyze best management practices.

*Prerequisites: HORT 2330*

**HORT 2437 CR-3****Golf Course Irrigation Systems, Designs, and Operations**

Students will design, analyze, and maintain golf course and athletic field irrigation systems. They will analyze sprinkler head selection and performance, pumping systems, valves types, controllers, software, and pipe characteristics. Students will discuss issues of water use and water quality. Through laboratory exercises students will perform irrigation audits, calculate water delivery, and schedule irrigation.

*Prerequisites: [HORT 1230 or (HRTA 1230 and HRTA 1231 and HRTA 1232)] and HORT 2331 or HORT 2334*

**HORT 2442 CR-3****Arboriculture II**

Students will analyze and practice tree risk assessment and plant diagnosis methods. They will analyze and practice tree preservation techniques, discuss preventative tree maintenance/repair, and methods of controlling plant growth.

*Prerequisites: HORT 1240*

**HORT 2463 CR-3****Nursery Production**

Students will review and analyze all aspects of container and field nursery production (trees, shrubs, vines, and herbaceous perennials) in British Columbia. They will practice activities such as potting, weeding, pruning, fertilizing, and irrigation maintenance in the field lab nursery. Students will discuss current production trends and environmental guidelines.

*Prerequisites: [HORT 1104 or (HRTA 1104 and HRTA 1105)] and HORT 1261*

**HORT 2473 CR-3****Greenhouse Environment and its Control**

Students will study the control of environmental factors within a greenhouse including temperature, humidity, air circulation, lighting, and carbon dioxide. They will monitor and adjust greenhouse climate using instruments and computer control systems. They will explore energy management strategies for greenhouses.

**HORT 2477 CR-3****Production Management**

Students will explore the decisions facing a production manager in a commercial greenhouse or nursery business, including crop selection, scheduling, space, time management, and costing. Students will develop a crop production plan as a major term project.

*Co-requisites: HORT 2371 or HORT 2372 or HORT 2464 or HORT 2479 or HORT 2490 HORT 2371 or HORT 2372 or HORT 2464 or HORT 2479 or HORT 2490*

**HORT 2479 CR-3****Spring Floriculture**

Students will study general floriculture principles and the commercial production practices of selected flower crops and bedding plants grown in the Canadian greenhouse industry. They will practice production techniques on the flower crops grown in the Field Lab greenhouses

*Prerequisites: HORT 2378 and (HORT 1171 or HORT 1271)*

**HORT 2490 CR-3****Organic Greenhouse Crop Production**

Students will differentiate between 'organic' and other greenhouse production systems against a background of plant breeding and genetic modification (GM) of organisms. They will identify appropriate organic accreditation standards. Students will investigate crop rotations, understand principles of producing good quality growing media, and explain principles of crop nutrition and disorders for greenhouse vegetables or flowers. Students will develop an integrated pest management (IPM) plan within organic constraints for a specific greenhouse crop, investigate the marketing of organic produce and identify FOODSAFE and Hazard Analysis and Critical Control Point (HACCP) production techniques.

## HUMAN RESOURCES MANAGEMENT (HRMT)

**HRMT 3115 CR-3****Human Relations in Organizations**

Students will apply and use key concepts of human behaviour in organizations, with in depth focus on the phenomena of communication, leadership, decision-making, conflict and change at the individual, group, and organizational levels. Students will further their development of interpersonal skills that contribute to effective functioning in organizational settings. Students will assess their human relations strengths and weaknesses and identify opportunities to substantively increase individual contribution to the organization and achieve higher levels of personal fulfillment in their career and life.

**HRMT 3125 CR-3****Employment Law**

Students will research, review and apply the applicable statute and common law regulating the employment relationship. Areas to be dealt with include employment agreements, the duties of the employer and employee, and termination of the relationship, including the law of wrongful dismissal. Also covered are the statutory schemes which affect the employment relationship including the Employment Standards Act. Attention will also be paid to Human Rights legislation including the duty to accommodate, and emerging Privacy law will also be addressed.

**HRMT 3135 CR-3****Recruitment and Selection**

Students will use the most up-to-date aspects of the current issues and methodologies used in recruiting and selecting employees for organizations as essential components of strategic human resources planning, with an emphasis on their strategic role in enhancing organizational performance at all levels. They will deal with contemporary developments and their practical applications related to organization and job analysis, competencies and performance management, employee recruitment, screening and selection, testing, interviewing and related decision making.

**HRMT 3145 CR-3****Occupational Health and Safety**

Students will work as a member of a team to identify strategic organizational practices for occupational health and safety consistent with the organization's strategy; improve occupational health and safety practices through the assessment of education and communication needs and the provision of appropriate programs; and analyze program effectiveness and track accident reports and health outcomes based on information and data from a Human Resource Information System.

**HRMT 3255 CR-3****Total Compensation**

Students will evaluate and implement a road map to evolving compensation strategy and design. Students will use the process an HR practitioner follows in order to put together an effective compensation program according to current best practices. The focus is on performance-based approaches to compensation that will help create programs that support an organization's broad based strategic needs. The most advanced thinking in job analysis, job evaluation, compensation surveys, contingency-based compensation plans, current executive compensation packages, productivity measurement and the use of computers in managing compensation programs are some of the concepts and issues students will use in the course.

**HRMT 3265 CR-3****Employee Development and Coaching**

Students will use best professional practices focusing on the management of training and development as a critical investment in an organization's human resources capital. They will demonstrate processes centered around the roles and responsibilities of HRD professionals, a model of training, importance of needs analysis, strategic goal setting, program design, on- and off-the-job training methodologies, transfer of training, training evaluation and costing, diversity of training programs, as well as the management development process. Students will also utilize coaching techniques as a powerful intervention to enhance organizational results by influencing the way people think and work together.

*Prerequisites: HRMT 3115*

**HRMT 4115 CR-3****Labour Relations**

Students will practice the application of collective agreement language in an organizational setting through a series of grievance cases covering all aspects of a collective agreement. Students will use grievance decisions to prepare language proposals for negotiations, and will confront issues surrounding labour disruptions and the application of Labour Relations legislation.

*Prerequisites: HRMT 3125*

*Co-requisites: HRMT 3135 and HRMT 3145 and HRMT 3255  
HRMT 3135 and HRMT 3145 and HRMT 3255*

**HRMT 4125 CR-3****Organizational Development**

Students will research, review and present key findings on best practices related to a variety of key organization development concepts, such as: the process of organization development; human process interventions; techno-structural interventions; human resources management intervention; strategic interventions and special applications of organization development, including corporate coaching.

*Prerequisites: HRMT 3115 and HRMT 3265*

*Co-requisites: ENTR 4110 ENTR 4110*

*Transferable (refer to transfer guide)*

**HRMT 4500 CR-6****Strategic Human Resources Management**

Students will synthesize developmental, leadership and application experiences to analyze factors internal and external to the organization and provide strategic recommendations based on an organization's human capital; develop strategic human resource plans in concert with the organization's strategic plan; and implement plans to address gaps in an organization's capabilities in order to carry out strategy. They will also design strategic staffing processes to maintain organizational effectiveness, and analyze trends in the organization's environment and develop appropriate HR responses. Students will work directly with an organization on a significant human resources management project in a six-week, part-time graded practicum.

*Prerequisites: HRMT 3125 and HRMT 3135 and HRMT 3145 and HRMT 3255 and HRMT 3265*

*Co-requisites: HRMT 4115 and HRMT 4125 HRMT 4115 and HRMT 4125*

*Transferable (refer to transfer guide)*

**HUMANITIES (HUMN)****HUMN 1111 CR-3****The Religions of India**

Students will study the four major religions that originated in India - Hinduism, Buddhism, Jainism and Sikhism - with an emphasis on scriptural sources. They will also examine the development of these religious traditions within their socio-cultural and historical contexts.



# INFORMATION TECHNOLOGY (INFO)

## INFO 3110 CR-3

### Professional Communications in Information Technology

Students will address the activities and techniques for developing proposals, specifications, narratives, reports, memoranda, executive summaries and other documentations commonly used in information technology. Students will present written and oral communication assignments based on the standard Information Systems Development Lifecycle: Investigation, Analysis, Design, Development, Testing and Implementation.

*Prerequisites: Completion of 60 credits of 1100-level or higher courses*

*Transferable (refer to transfer guide)*

## INFO 3120 CR-3

### Web Programming with Java

Students will learn the syntax, resources and utilities package of Java related to web applications. Students will also examine web design principles, apply their knowledge to construct web components, including Java Server Pages (JSP), Servlets and JavaBeans for both Internet and Intranet environments, and implement dynamic web applications using a Java web server and a relational database management system.

*Prerequisites: 30 credits of 1100-level or higher courses, or permission of the instructor*

## INFO 3130 CR-3

### Discrete Mathematics

This course provides students with a theoretical foundation in computation and computability. Students will learn principles, concepts and applications of discrete mathematics. Topics include: set theory, logic, formal reasoning, induction, counting, relations, functions, mapping, formal languages, automata theory and graph theory.

*Transferable (refer to transfer guide)*

## INFO 3140 CR-3

### Advanced Data Communications Systems

Students will learn and develop practical experience with the design, development and implementation of local-area networks (LAN), virtual local-area networks (VLAN) and wide-area networks (WAN). Students will also gain hands-on experience on installation and configuration of LAN switches and routers with different routing protocols, network layer protocols and data link layer protocols. Upon successful completion of this course, students will have a thorough understanding and hands-on experience in installing, troubleshooting, fine tuning, and administering computer network for small to medium size business.

*Prerequisites: 30 credits of 1100-level or higher courses, or permission of the instructor*

## INFO 3210 CR-3

### Distributed Systems

Students will learn principles, techniques and strategies used in design and implementation of distributed applications and system solutions that are robust, scalable, and secure. The course focuses on modeling distributed systems and building distributed objects using .NET framework. Students will be required to develop a distributed business solution using C# and .NET Remoting.

## INFO 3220 CR-3

### Multimedia Systems

Students will acquire knowledge of multimedia systems architecture, digital audio and video representation and the format of multimedia storage and image processing. They will learn the application of multimedia information systems including multimedia authoring, multimedia conferencing, multimedia groupware, high definition television and desktop integrated computing.

## INFO 3230 CR-3

### Advanced Object-Oriented Application Development

Students will learn to use object-oriented methodology to analyze, design and implement real-world software applications. Students will learn the best practices for iterative software development recommended by the Unified Process (UP). Student will learn the advanced features of the Unified Modeling Language (UML) in modeling distributed software applications. Students also will learn the concepts of software design patterns and how these patterns can be used to create flexible and extensible software.

## INFO 3240 CR-3

### Enterprise Resource Planning Systems

Students will learn the concepts in Enterprise Resource Planning (ERP). They will learn the basis of how integrated information systems such as ERP systems can help companies to optimize business processes. Students also will learn business process modeling, process improvement and ERP implementation. They will explore the role of ERP in electronic commerce. Students will gain hands-on experience through working on an ERP system.

## INFO 3250 CR-3

### Content Management and Information Architecture

Students will learn the concepts of content management and information architecture. They will learn the major components of a typical content management system (CMS) and its underlying information architecture that support information needs of enterprises. They will learn the criteria to evaluate and select a CMS. Student also will learn to design content access structures and to apply structured authoring techniques in content composition using Extensible Markup Language (XML) and Darwin Information Typing Architecture (DITA).

## INFO 3270 CR-3

### Special Topics in Information Technology

Students will learn and investigate development of contemporary topics within the information technology discipline and the fundamental concepts underlying them. They will focus on special topics of current interest which are not covered in other existing courses offered by the department, and topics vary from term to term.

NOTE: Students may only use the course once towards the program requirement.

*Prerequisites: 15 credits in CISY or entry with the permission of the Dean*

*Transferable (refer to transfer guide)*

**INFO 4210 CR-3****Human Factors and Computer Interface Design**

Students will study procedures for analyzing human-computer interaction (HCI) and will translate this information into design criteria. They will learn to ensure that computer interface design specifications meet end-user requirements for perceptual and cognitive factors; learnability; recall, recognition and retention; speed and accuracy of performance; cultural factors; and job satisfaction. They will identify task and system requirements and perform usability testing methodologies for both desktop and small screen interfaces.

**Note:** Students may earn credits for only one of PSYC 4920 or INFO 4210 as they are identical courses

*Prerequisites: PSYC 2385 OR 15 credits CISY (CISY 1113 recommended)*

**INFO 4220 CR-3****Server Operating System Technologies**

Students will learn principles, techniques and strategies used in planning, installing, testing, and administrating a server operating system. Students will gain practical hands-on experience on the installation and configuration of a server operating system. The course covers creating and managing users using Active Directory, installing and configuring DHCP, DNS, Printer Server, IIS Web Server, and a Virtual Private Network (VPN). Students are required to plan, design, and install an application server using real-world scenarios. Upon successful completion of this course, students will have an understanding and hands-on experience in installing, trouble shooting, fine tuning, and administering a server operating system.

**INFO 4230 CR-3****Information Technology Project Management**

Students will learn advanced topics in Information Technology (IT) project management. They will examine various issues relating to the development and implementation of complex information systems. Students will also explore the use of new technologies in IT project management and will extensively use a project management software application to complete assignments, case studies and the term project.

**INFO 4310 CR-3****Entrepreneurial Development in Information Technology**

Students will gain an understanding of entrepreneurship fundamentals in the information technology sector, including business planning, financing and venture capital, operations, human resources, marketing and personal selling.

**INFO 4320 CR-3****Software Quality Assurance**

Students will learn the essential features involved developing timely, cost-effective and high quality software products that meet the user's requirements. They will examine the effective deployment of quality assurance procedures throughout the entire software development process. Other topics covered in this course will include: the concepts of Total Quality Management (TQM), development of quality assurance plans, implementation of verification and validation functions, selection of tools to support quality assurance, application of software metrics to measure quality, and the International Standards Organization (ISO) certification process.

**INFO 4330 CR-3****Data Warehousing and Data Mining**

Students will examine the problems caused by having too much information and the methods, processes and tools for extracting useful information from multidimensional databases and data marts stored on different system platforms. They will also acquire the techniques for defining, selecting, implementing and evaluating data warehousing and data mining solutions for businesses.

**INFO 4340 CR-3****Integration Project**

Students will apply their prior learning to an integration project which may be the critical analysis of a selected area in information technology, or the development of an innovative solution to a significant problem in information technology. They may also implement information technology applications in a subject area such as art, business, marketing, accounting, economics, human relations, natural science, social science, health science and technology. All projects preferably must be from an existing government organization or agency, private or non-private industry.

*Prerequisites: 4th year standing (has completed 90 credits, any under graduate course).*

**INFO 4350 CR-3****Wireless Technologies and Programming**

Students will learn the concepts and principles of wireless technologies, wireless devices, wireless signals, wireless networks and wireless access technologies. They will learn wireless programming techniques and will develop wireless applications using technologies that include Wireless Markup Language (WML), WMLScript, Java and Microsoft .NET based wireless application development environments.

**INFO 4360 CR-3****Information System Security**

Students will learn the principles, policies, and procedures required for a successful implementation of information system security infrastructure. They will design and develop secure information systems through hardware, software and administrative measures.

**INFO 4370 CR-3****Security of Wireless Systems**

Students will learn about wireless security technologies such as advanced user authentication, robust encryption, and intrusion prevention. They also will learn concepts of wireless discovery, wireless attack identification and monitoring, and wireless security policies and solutions. Students will be required to conduct research and work on a project to solve real-world wireless system security problems in a simulated environment.

**INFO 4380 CR-3****Wireless Sensor Networks**

Students will learn the concepts of wireless sensor networks and their applications. They will learn the fundamentals of ZigBee wireless networking, ZigBee protocol layers, transceiver requirements, battery life analysis, as well as examples of ZigBee networks and devices. They will conduct research and develop an application using products from the industry.

*Prerequisites: INFO 4350*

## INTERDISCIPLINARY EXPRESSIVE ARTS (IDEA)

### IDEA 1240 CR-3

#### Writing for New Forms and Media

Students will learn and practice new forms of creative writing such as collaborative composition, writing for new and social media, blogging, and writing for digital publications. They will study emerging uses of online technologies and will learn writing skills through individual composition, group work, and the development of electronic portfolios.

NOTE: Students may earn credits for only one of CRWR 1240 or IDEA 1240, as they are the same course.

*Transferable (refer to transfer guide)*

### IDEA 3100 CR-3

#### Interdisciplinary Expressive Arts 1

Students will learn about the history, philosophy, and current application of interdisciplinary approaches within the expressive arts. They will develop interdisciplinary skills in creativity and academic inquiry, will become familiar with multiple expressive modalities (creative writing, music, movement, fine arts, theatre, expressive arts therapies, storytelling, photography, film making, etc.) and will explore the application of those modalities in an integrated learning environment.

NOTE: Students may earn credits for only one of IDEA 3100 and CUST 3100, as they are the same course.

*Prerequisites: 30 credits of 1100-level or higher courses*

### IDEA 3301 CR-3 (formerly CRWR 3301)

#### Mythological Narratives

Students will apply the writing skills necessary to adapt mythological strategies to their own compositions. They will learn about the mythological traditions that are the foundation of almost all world literatures. Students will contextualize their own work within the contemporary, multicultural streams of mythological writing, and will broaden their understanding of the roots of creative writing.

*Prerequisites: 30 credits of 1100-level or higher courses*

### IDEA 4100 CR-3

#### Interdisciplinary Expressive Arts 2

Students will learn to apply a diverse number of current interdisciplinary approaches within the expressive arts. They will develop the interdisciplinary skills to employ creativity across multiple expressive modalities (creative writing, music, movement, fine arts, theatre, expressive arts therapies, storytelling, mythopoeics, photography, film making, etc.) and will explore potential academic and career directions within the cultural and social services sectors.

NOTE: Students may earn credits for only one of IDEA 4100 and CUST 4100, as they are the same course.

*Prerequisites: CUST 3100, IDEA 3100, or permission from the instructor*

## INTERIOR DESIGN (IDSN)

### IDSN 1111 CR-3

#### Studio I

Students will experiment with and make discoveries about the principles and elements of design. They will develop their problem-solving skills by creating solutions to two- and three-dimensional design problems. They will work individually and in teams, with a focus on critical analysis, design process and student progress. They will develop and apply design vocabulary to various sizes and types of exercises related to spatial definition and organization.

*Co-requisites: IDSN 1121 and IDSN 1135 and IDSN 1141 and IDSN 1145 IDSN 1121 and IDSN 1135 and IDSN 1141 and IDSN 1145*

### IDSN 1113 CR-4

#### Studio I

Students will experiment with and make discoveries about the principles and elements of design. They will develop their problem-solving skills by creating solutions for two- and three-dimensional design problems. They will work individually and in teams, with a focus on critical analysis, design process and student progress. They will develop and apply design vocabulary to various sizes and types of exercises related to spatial definition and organization.

*Co-requisites: IDSN 1121 and IDSN 1135 and IDSN 1141 and IDSN 1145 IDSN 1121 and IDSN 1135 and IDSN 1141 and IDSN 1145*

### IDSN 1121 CR-3

#### Materials

Students will learn about fundamental materials of the built environment and their production processes. They will discover the properties and characteristics of materials, exploring conventional and potential applications of materials such as wood, glass, metal, and fabric. Emphasis will be on understanding the history, development, characteristics, sustainability, and behaviour of materials.

*Co-requisites: IDSN 1113 and IDSN 1135 and IDSN 1141 and IDSN 1145 IDSN 1113 and IDSN 1135 and IDSN 1141 and IDSN 1145*

### IDSN 1135 CR-3

#### Design Awareness I

Students will acquire a critical awareness of the importance and impact of design theory through reading, analysis and discussions. They will learn and apply the principles of visual design and composition by executing various exercises. Students will discuss and debate interior design issues. They will learn and employ the vocabulary of interior design.

*Co-requisites: IDSN 1113 and IDSN 1121 and IDSN 1141 and IDSN 1145 IDSN 1113 and IDSN 1121 and IDSN 1141 and IDSN 1145*

**IDSN 1141 CR-3****Technical Drawing I**

Students will understand and apply accepted interior design drafting standards (such as plans, elevations, sections and paraline drawings) to produce documents and technical drawings of two and three-dimensional objects including furniture and spaces.

*Co-requisites: IDSN 1113 and IDSN 1121 and IDSN 1135 and IDSN 1145 IDSN 1113 and IDSN 1121 and IDSN 1135 and IDSN 1145*

**IDSN 1145 CR-3****Drawing for Interior Design**

Students will use sketching as a tool for design communication. Using various media, they will ideate, delineate human form and convey emotional character within the built environment. They will sketch environments in perspective and render the effects of light, working to clarify their design ideas. They will draw to stimulate thinking and visualize ideas with an emphasis on developing hand-eye coordination and line control. Students will manipulate their drawings and develop their process through annotation and analysis of their work.

*Co-requisites: IDSN 1113 and IDSN 1121 and IDSN 1135 and IDSN 1141 IDSN 1113 and IDSN 1121 and IDSN 1135 and IDSN 1141*

**IDSN 1202 CR-4****Studio 2**

Students will continue to apply the principles and elements of design to three-dimensional design projects. They will analyze and experiment with spatial definition and organization, light and colour, and heighten their ability to use space as a design tool. Students will learn how to determine project requirements and criteria, utilize design processes, and create design solutions that are appropriate to purpose and how people interact with the built environment.

*Prerequisites: One of IDSN 1111 (B-) or IDSN 1113 (B-) and IDSN 1121 and IDSN 1135 and IDSN 1141 and IDSN 1145*  
*Co-requisites: IDSN 1221 and IDSN 1235 and IDSN 1241 IDSN 1221 and IDSN 1235 and IDSN 1241*

**IDSN 1221 CR-3****Components**

Students will learn about component materials of the built environment and manufacturing processes. They will discover the properties and characteristics of manufactured component materials such as plywood, concrete, ceramics, textiles, carpet, wallcovering, hardware, lighting, window covering and furniture. They will explore conventional and potential applications. Emphasis will be on understanding the history, development, characteristics and behavior of the components.

*Prerequisites: IDSN 1113 and IDSN 1121 and IDSN 1135 and IDSN 1141 and IDSN 1145*  
*Co-requisites: IDSN 1202 and IDSN 1235 and IDSN 1241 IDSN 1202 and IDSN 1235 and IDSN 1241*

**IDSN 1235 CR-3****Design Awareness 2**

Students will continue to acquire a critical awareness of the importance and impact of design. Students will explore the social, political and physical influences affecting historical changes in interior design by researching and analyzing the evolution and development of the built environment from antiquity to the 20th century. They will discuss and link issues across chronological, geographic, cultural and sociological contexts. They will increase their understanding of the vocabulary of interior design through problem-based learning.

*Prerequisites: IDSN 1113 and IDSN 1121 and IDSN 1135 and IDSN 1141 and IDSN 1145*

*Co-requisites: IDSN 1202 and IDSN 1221 and IDSN 1241 IDSN 1202 and IDSN 1221 and IDSN 1241*

**IDSN 1241 CR-3****Technical Drawing 2**

Students will continue to draft technical drawings manually, communicating ideas, objects, and interior spaces. They will begin to explore material specifications, construction methods, and produce a simple set of orthographic drawings. Students will draw three dimensional paraline views and measured perspective drawings.

*Prerequisites: IDSN 1113 and IDSN 1121 and IDSN 1135 and IDSN 1141 and IDSN 1145*

*Co-requisites: IDSN 1202 and IDSN 1221 and IDSN 1235 IDSN 1202 and IDSN 1221 and IDSN 1235*

**IDSN 1270 CR-3****Environmental Human Factors**

Students will develop an understanding of human factors research methods and their application to interior design. They will research the interrelationship between building systems and human behaviour; examine functional needs of building occupants and aesthetic attributes of interiors relative to safety, health, comfort, well-being and optimizing human performance; and explore methods for developing detailed profiles of user requirements and for evaluating design alternatives relative to functional and task variables, human needs, capabilities and limitations

*Prerequisites: IDSN 1141 and IDSN 1111 and IDSN 1121 and IDSN 1135 and IDSN 1145*

*Co-requisites: IDSN 1201 and IDSN 1221 and IDSN 1235 and IDSN 1241 IDSN 1201 and IDSN 1221 and IDSN 1235 and IDSN 1241*

**IDSN 2300 CR-4****Studio 3**

Students will produce, individually and in groups, original designs that respond to specific, conceptual, behavioural, and contextual criteria for living spaces. They will focus on meeting the complex needs of individuals and families in the built environment.

*Prerequisites: IDSN 1202 (B-) and IDSN 1221 and IDSN 1235 and IDSN 1241 and 3 credits of ENGL 1100 or higher or approved 3 credit writing-intensive course at the 1100-level or higher*

*Co-requisites: IDSN 2325 and IDSN 2331 and IDSN 2345 and IDSN 2375 IDSN 2325 and IDSN 2331 and IDSN 2345 and IDSN 2375*

**IDSN 2325 CR-3****Building Systems 1**

Students will learn about technical aspects of built environment systems, such as structural, electrical and mechanical. They will learn about how the constituent subsystems of floor, wall, ceilings, penetrations, comfort systems, power, data communication, lighting, and water use function. Students will produce technical drawings, applying this knowledge in concurrent courses. Emphasis will be on understanding current building techniques and exploring sustainable innovations and choices.

*Prerequisites: IDSN 1202 (B-) and IDSN 1221 and IDSN 1235 and IDSN 1241 and 3 credits of ENGL 1100 or higher or approved 3 credit writing-intensive course at the 1100-level or higher*

*Co-requisites: IDSN 2300 and IDSN 2331 and IDSN 2345 and IDSN 2375 IDSN 2300 and IDSN 2331 and IDSN 2345 and IDSN 2375*

**IDSN 2331 CR-3****Design Theories 1**

Students will study fundamental principles and processes involved in creating design solutions for living environments. They will study the theories related to typologies of living spaces such as entry, socializing and relaxing, sleeping, dressing, cooking and eating spaces. Students will research and explore 20th century and current design history and ideologies. They will also explore, discuss and debate a range of built environment issues.

*Prerequisites: IDSN 1202 (B-) and IDSN 1221 and IDSN 1235 and IDSN 1241 and 3 credits of ENGL 1100 or higher, or approved 3 credit writing-intensive course at the 1100-level or higher*

*Co-requisites: IDSN 2300 and IDSN 2325 and IDSN 2345 and IDSN 2375 IDSN 2300 and IDSN 2325 and IDSN 2345 and IDSN 2375*

**IDSN 2341 CR-2****AutoCAD I for Interior Design**

Students will learn how to produce simple technical drawings, develop a digital library, and documents using AutoCAD. They will learn basic and intermediate commands in AutoCAD® and apply them to two-dimensional interior design technical drawings.

*Prerequisites: IDSN 1201 (B-) and IDSN 1221 and IDSN 1235 and IDSN 1241 and IDSN 1270 and CMNS 1140 and 3 credits of ENGL 1100 or higher*

**IDSN 2345 CR-3****Drawing and Rendering 1**

Students will investigate design process communication through drawing and ideation exercises. They will expand their technique depicting objects in context to environmental conditions. They will be introduced to digital drawing software and will manipulate drawings using digital programs and experiment with a range of drawing and rendering techniques using manual and digital means.

*Prerequisites: IDSN 1202 (B-) and IDSN 1221 and IDSN 1235 and IDSN 1241 and 3 credits of ENGL 1100 or higher or approved 3 credit writing-intensive course at the 1100-level or higher*

*Co-requisites: IDSN 2300 and IDSN 2325 and IDSN 2331 and IDSN 2375 IDSN 2300 and IDSN 2325 and IDSN 2331 and IDSN 2375*

**IDSN 2361 CR-1****Work Experience I**

Students will participate in a practicum with a prime supplier (wholesale) or manufacturer's representative of design materials or goods (preference given to members of the Design Resource Alliance of British Columbia and/or sponsors of IDI). They will focus on observing, documenting, and understanding the supply side of the interior design profession.

*Prerequisites: IDSN 1201 (B-) and IDSN 1221 and IDSN 1235 and IDSN 1241 and IDSN 1270 and CMNS 1140 and 3 credits of ENGL 1100 or higher*

**IDSN 2375 CR-3 (formerly IDSN 1270)****Environmental Human Factors**

Students will study how humans relate to the built environment and how it affects behaviour. Students will develop an understanding of human factors research methods and their application to interior design. They will learn how to shape interior spaces by applying knowledge of anthropometrics, ergonomics, proxemics, universal design, sustainable design and human behavior.

Students will actively engage in problem-based learning (PBL) modules.

*Prerequisites: IDSN 1202 (B-) and IDSN 1221 and IDSN 1235 and IDSN 1241 and 3 credits of ENGL 1100 or higher or approved 3 credit writing-intensive course at the 1100-level or higher*

*Co-requisites: IDSN 2325 and IDSN 2331 and IDSN 2345 and IDSN 2300 IDSN 2325 and IDSN 2331 and IDSN 2345 and IDSN 2300*

**IDSN 2400 CR-4****Studio 4**

Students will continue to produce, individually and in teams, original designs that respond to specific conceptual, behavioural, and contextual criteria for living spaces. They will focus on process, space planning, and spatial volume development.

*Prerequisites: IDSN 2300 (B-) and IDSN 2325 and IDSN 2331 and IDSN 2345 and IDSN 2375*

*Co-requisites: IDSN 2425 and IDSN 2431 and IDSN 2445 IDSN 2425 and IDSN 2431 and IDSN 2445*

**IDSN 2425 CR-3****Building Systems 2**

Students will explore technical aspects of building environments. They will learn about and draw various assemblies found within building systems to expand their understanding and application of building code principles. They will study lighting design systems, acoustics, energy management, and sustainable systems, applying this knowledge in concurrent courses. They will focus on understanding multi-unit built environments and communicate knowledge through digital technical drawings.

*Prerequisites: IDSN 2301 (B-) and IDSN 2325 and IDSN 2331 and IDSN 2341 and IDSN 2345 and IDSN 2371*

*Co-requisites: IDSN 2400 and IDSN 2431 and IDSN 2445 IDSN 2400 and IDSN 2431 and IDSN 2445*

**IDSN 2431 CR-3****Design Theories 2**

Students will expand their understanding of applied and theoretical issues, principles and processes involved in creating design solutions, emphasizing space planning and spatial volume development. Students will investigate, analyze and discuss historical, contemporary, and future design issues, ideologies and approaches. Students will explore and connect ideological concepts with their own interior design applications.

*Prerequisites:* IDSN 2300 (B-) and IDSN 2325 and IDSN 2331 and IDSN 2345 and IDSN 2375

*Co-requisites:* IDSN 2400 and IDSN 2425 and IDSN 2445 IDSN 2400 and IDSN 2425 and IDSN 2445

**IDSN 2441 CR-2****AutoCAD II For Interior Design**

Students will produce complex technical drawings and documents using AutoCad. They will create professional standard two-dimensional interior design drawings and basic three-dimensional computer generated drawings.

*Prerequisites:* IDSN 2300 with a minimum of B- and IDSN 2325 and IDSN 2331 and IDSN 2341 and IDSN 2345 and IDSN 2361

**IDSN 2445 CR-3****Drawing and Rendering 2**

Students will continue to develop drawing and rendering skills to effectively visualize design concepts and ideas within the built environment. They will further develop their ability to communicate design intent and deliver effective visual presentations, practicing manual drawing, rendering, and digital manipulation skills.

*Prerequisites:* IDSN 2300 (B-) and IDSN 2325 and IDSN 2331 and IDSN 2345 and IDSN 2375

*Co-requisites:* IDSN 2400 and IDSN 2425 and IDSN 2431 and IDSN 2465 IDSN 2400 and IDSN 2425 and IDSN 2431 and IDSN 2465

**IDSN 2451 CR-3****Site Tutorial I**

Students will engage in an introductory level off campus (site) tutorial course during which they will observe design applications in our community's built environment. They will participate in activities (one or more sites per week) at design firms, design centers, design products suppliers, public spaces, exhibits, installations, and museums/galleries to listen to presentations, observe, sketch, analyze, and discuss design in the built environment

*Prerequisites:* IDSN 2300 with a minimum of B- and IDSN 2325 and IDSN 2331 and IDSN 2341 and IDSN 2345 and IDSN 2361

**IDSN 2461 CR-1****Work Experience II**

Students will participate in a practicum with a workplace responsible for a component of the built environment, such as a general contractor, electrical sub-contractor, or millwork shop. They will observe and monitor participants in the process of creating the built environment, or components of the built environment. Students will focus on observing, documenting, and understanding the creation of the built environment, or components of the built environment, as they relate to the interior design profession.

*Prerequisites:* IDSN 2300 with a minimum of B- and IDSN 2325 and IDSN 2331 and IDSN 2341 and IDSN 2345 and IDSN 2361

**IDSN 2465 CR-1 (formerly IDSN 2361)****Workplace Experience**

Students will participate in a practicum with a supplier or representative of products and materials for the architectural and design community. They will focus on observing, documenting, and understanding how these industries interface with the interior design profession.

*Prerequisites:* IDSN 2300 and IDSN 2325 and IDSN 2331 and IDSN 2345 and IDSN 2375

*Co-requisites:* IDSN 2400 and IDSN 2425 and IDSN 2431 and IDSN 2445 IDSN 2400 and IDSN 2425 and IDSN 2431 and IDSN 2445

**IDSN 2540 CR-3****Computer Drawing**

Students will produce complex computer generated technical drawings and documents. They will create professional standard two- and three-dimensional interior design drawings.

*Prerequisites:* IDSN 1241 or permission of instructor

**IDSN 3500 CR-4****Studio 5**

Students will produce creative, experiential design solutions. They will work on various commercial projects such as retail, workplace and public spaces. They will expand their design skills, refining their process and design methodology.

*Prerequisites:* IDSN 2400 (B-) and IDSN 2425 and IDSN 2431 and IDSN 2445 and (IDSN 2540 or IDSN 2441)

*Co-requisites:* IDSN 3525 and IDSN 3531 and IDSN 3551 and IDSN 3591 IDSN 3525 and IDSN 3531 and IDSN 3551 and IDSN 3591

**IDSN 3521 CR-3****Detailing**

Students will examine how and why materials and components are put together to create details pertaining to the built environment. They will prepare technical drawings incorporating knowledge about construction assemblies, building codes and design standards. Student projects will include design and detailing of building systems such as floor, wall, ceiling, penetrations and architectural millwork, as well as case goods and furniture. They will focus on using design rationale in producing comprehensive construction drawings related to studio projects.

*Prerequisites:* IDSN 2400 (B-) and IDSN 2425 and IDSN 2431 and IDSN 2441 and IDSN 2445 and IDSN 2451 and IDSN 2561

**IDSN 3525 CR-3 (formerly IDSN 3521)****Building Systems 3**

Students will communicate how and why materials and components are connected through drawing technical details. They will study construction assemblies common to public spaces. Students will resolve building connections (such as floor to wall, wall to ceiling), penetrations, architectural woodwork, case goods, and furniture. They will produce a set of computer-drawn, construction-ready details incorporating appropriate technical specifications and interior design industry drafting standards, based on their own designs from Studio projects.

*Prerequisites:* IDSN 2400 (B-) and IDSN 2425 and IDSN 2431 and IDSN 2445 and (IDSN 2540 or IDSN 2441)

*Co-requisites:* IDSN 3500 and IDSN 3531 and IDSN 3551 and IDSN 3591 IDSN 3500 and IDSN 3531 and IDSN 3551 and IDSN 3591

**IDSN 3531 CR-3****Design Theories 3**

Students will study public space typologies and programming processes for specialized areas of practice in interior design, such as retail and the workplace. They will research theoretical and practical design considerations using problem definition and problem solving tools. They will explore, discuss, and debate historical, current, and future interior design and building environment issues. Students will apply this knowledge in studio projects.

*Prerequisites: IDSN 2400 (B-) and IDSN 2425 and IDSN 2431 and IDSN 2445 and (IDSN 2540 or IDSN 2441)*

*Co-requisites: IDSN 3500 and IDSN 3525 and IDSN 3551 and IDSN 3591 IDSN 3500 and IDSN 3525 and IDSN 3551 and IDSN 3591*

**IDSN 3541 CR-3 (formerly IDSN 3641)****Digital Representation**

Students will utilize digital technology for design visualization. They will use various production software programs, (such as AutoCAD, 3D Viz, and SKETCHUP) to stimulate thinking, visualize ideas, and render drawings and images for studio projects. Students will focus on producing virtual spaces in three dimensions, including animated walkthroughs.

*Prerequisites: IDSN 2400 and IDSN 2425 and IDSN 2431 and IDSN 2441 and IDSN 2445 and IDSN 2451 and IDSN 2561*

**IDSN 3551 CR-3****Field Studies**

Students will engage in intensive weekly off campus instructional, informative, and/or analytical activities that link to their design projects in studio courses. They will study design applications in the local built environment. Students will convene at one or more design firms or project sites to listen to presentations, observe, sketch, analyze, and discuss interior design. Students will also attend public lectures, exhibits, and special events as these opportunities arise.

*Prerequisites: IDSN 2400 (B-) and IDSN 2425 and IDSN 2431 and (IDSN 2445 or IDSN 2441)*

*Co-requisites: IDSN 3500 and IDSN 3525 and IDSN 3531 and IDSN 3591 IDSN 3500 and IDSN 3525 and IDSN 3531 and IDSN 3591*

**IDSN 3561 CR-1****Work Experience III**

Students will participate in a practicum with an interior design or architectural firm with emphasis on observing, recording and understanding the operations of this firm. They will participate in the design processes within the firm to whatever extent is possible.

*Prerequisites: IDSN 2400 (B-) and IDSN 2425 and IDSN 2431 and IDSN 2441 and IDSN 2445 and IDSN 2451 and IDSN 2561*

**IDSN 3591 CR-1****Major Field Studies 1**

Students will research, plan, and prepare for an intensive field study experience that will take place in the spring semester as part of IDSN 3692. They will, in collaboration with faculty, determine the destination from an approved list, to ensure compliance with the course objectives.

Note: Major Field Studies is taken over two consecutive semesters and will appear on the transcript as IDSN 3591 and IDSN 3692. Students registering in IDSN 3591 are committing to register in IDSN 3692 in the subsequent term. The cost of travel and all related expenses are borne by the student.

*Prerequisites: IDSN 2400 (B-) and IDSN 2425 and IDSN 2431 and IDSN 2445 and (IDSN 2540 or IDSN 2441)*

*Co-requisites: IDSN 3500 and IDSN 3525 and IDSN 3531 and IDSN 3551 IDSN 3500 and IDSN 3525 and IDSN 3531 and IDSN 3551*

**IDSN 3600 CR-4****Studio 6**

Students will produce creative and experiential design solutions. They will work on various complex project types such as hospitality, institutional and public spaces. They will expand their design skills, refining their process and design methodology. They will collaborate with team members and present comprehensive design solutions incorporating stakeholder needs, public health and safety issues, and sustainability.

*Prerequisites: IDSN 3500 (B-) and IDSN 3525 and IDSN 3531 and IDSN 3551*

*Co-requisites: IDSN 3625 and IDSN 3635 and IDSN 3642 IDSN 3625 and IDSN 3635 and IDSN 3642*

**IDSN 3631 CR-2****Theories IV**

Students will learn about theoretical approaches and their practical considerations for specialized area(s) of practice in interior design, such as restaurant, health care, retail, corporate, institutional, and hospitality linking to project(s) in IDSN 3600 Studio VI.

*Prerequisites: IDSN 3500 with a minimum of B- and IDSN 3521 and IDSN 3531 and IDSN 3541 and IDSN 3551 and IDSN 3561*

**IDSN 3635 CR-3****Design Theories 4**

Students will study theoretical approaches and their practical considerations for specialized area(s) of practice, such as hospitality, institutional, and health care, informing studio project(s) in IDSN 3600. They will continue to explore, discuss, and debate historical, current, and future interior design and building environment issues. Students will develop objective criteria for critical analysis and generate a personal design philosophy. They will utilize and develop writing skills, culminating in a research paper.

*Prerequisites: IDSN 3500 (B-) and IDSN 3525 and IDSN 3531 and IDSN 3551*

*Co-requisites: IDSN 3600 and IDSN 3625 and IDSN 3642 IDSN 3600 and IDSN 3625 and IDSN 3642*

**IDSN 3642 CR-3 (formerly IDSN 3645)****Representation**

Students will apply a variety of two and three dimensional techniques and technologies to communicate design ideas. They will produce presentation material incorporating effective visual and verbal representational skills to confidently express interior design solutions. They will exhibit their skills in both digital and real time presentations.

*Prerequisites: IDSN 3500 (B-) and IDSN 3525 and IDSN 3531 and IDSN 3551*

*Co-requisites: IDSN 3600 and IDSN 3625 and IDSN 3635 IDSN 3600 and IDSN 3625 and IDSN 3635*

**IDSN 3645 CR-2****Representation III**

Students will synthesize sketching, drawing and other manual and digital presentation skills to confidently express concepts and interior design solutions, and will deliver effective oral and visual presentations.

*Prerequisites: IDSN 3500 and IDSN 3521 and IDSN 3531 and IDSN 3541 and IDSN 3551 and IDSN 3561*

**IDSN 3651 CR-3****Site Tutorial III**

Students will engage in intensive off campus (site) tutorial activities that relate(s) directly to their studies in the Studio VI course IDSN 3600. They will study design applications in our community's built environment of both completed and under-construction projects. Students will convene at one or more design firms or project sites to listen to presentations, observe, sketch, analyze, and discuss interior design. Students will also attend lectures, exhibits, and special events, as these opportunities arise.

*Prerequisites: IDSN 3500 and IDSN 3521 and IDSN 3531 and IDSN 3541 and IDSN 3551 and IDSN 3561*

**IDSN 3681 CR-2****Interior Design Business I**

Students will be introduced to basic business practices for professional interior designers. They will explore the design project as a commercial venture including: project organization, programming, schematic design, design development, contract documents, and contract administration.

*Prerequisites: IDSN 3500 with a minimum of B- and IDSN 3521 and IDSN 3531 and IDSN 3541 and IDSN 3551 and IDSN 3561*

**IDSN 3690 CR-3 (formerly IDSN 4790)****Major Site Tutorial**

Students will engage in a five to seven consecutive day field & site tutorial to another city or region. They will assimilate design theory and knowledge with respect to the context of site, culture, climate, and geography. They will attend and participate in the scheduled activities including tutorials at design projects, design firms, design educational facilities & programs, museums, galleries, and other significant design projects of the region. Students, in collaboration with faculty, determine the destination to ensure compliance with objectives of the major site tutorial, the cost of which is borne by the student.

*Prerequisites: IDSN 3500 with a minimum of B- and IDSN 3521 and IDSN 3531 and IDSN 3541 and IDSN 3551 and IDSN 3561*

**IDSN 3692 CR-2****Major Field Studies 2**

Students will engage in an intensive field study in another city or country for five to nine consecutive days. They will assimilate design theory and knowledge with respect to the context of site, culture, climate, and geography. They will attend and participate in the scheduled activities at design/architecture firms, buildings and interior spaces, design schools and programs, museums and galleries, and other significant locations of the region. Students, in collaboration with faculty, will determine the destination during the fall semester in course IDSN 3591.

Note: Major Field Studies is taken over two consecutive semesters and will appear on the transcript as IDSN 3591 and IDSN 3692. The cost of travel and all related expenses are borne by the student.

*Prerequisites: IDSN 3500 (B-) and IDSN 3525 and IDSN 3531 and IDSN 3551 and IDSN 3591*

*Co-requisites: IDSN 3600 and IDSN 3625 and IDSN 3635 and IDSN 3642 IDSN 3600 and IDSN 3625 and IDSN 3635 and IDSN 3642*

**IDSN 4001 CR-4****Senior Studio 1**

Students will consolidate previous learning to advance and broaden their understanding of interior design. They will undertake a comprehensive, individually focused, interior design project. Students will choose a project topic and a specific building in which to develop extensive research and programming, culminating in a detailed interior design solution.

Note: Senior Studio is taken over two consecutive semesters and will appear on the transcript as IDSN 4001 and IDSN 4002. Students registering in IDSN 4001 are committing to register in IDSN 4002 in the subsequent term.

*Prerequisites: IDSN 3600 (B-)*

**IDSN 4002 CR-4****Senior Studio 2**

Students will consolidate previous learning to advance and broaden their understanding of interior design. They will undertake a comprehensive, individually focused, interior design project. Students will choose a project topic and a specific building in which to develop extensive research and programming, culminating in a detailed interior design solution.

Note: Senior Studio is taken over two consecutive semesters and will appear on the transcript as IDSN 4001 and IDSN 4002.

*Prerequisites: IDSN 4001 (B-)*

**IDSN 4700 CR-5****Thesis Programming**

Students will create a self-directed thesis framework for a thesis design project consisting of a programming document including a thesis statement, scope of work, schedule of activities, resources list, and mentor involvement and contribution.

*Prerequisites: IDSN 3600 with a minimum of B- and IDSN 3631 and IDSN 3645 and IDSN 3651 and IDSN 3681 and IDSN 3690*



### **IDSN 4721 CR-3 (formerly IDSN 3621)**

#### **Documentation**

Student will learn about the management of interior design projects focusing on applying procedures and processes of project management generally, and contract documents and contract administration specifically. They will apply knowledge from these areas to prepare contract documents including bid documents, drawings, related schedules, and specifications related to Studio projects.

*Prerequisites: IDSN 3600 with a minimum of B- and IDSN 3631 and IDSN 3645 and IDSN 3651 and IDSN 3681*

### **IDSN 4765 CR-1**

#### **Mentorship I**

Students in their final year will research the history and current understanding of mentorship in preparation for acquiring and becoming a mentor. They will evaluate their own design skills and abilities in the context of the self-directed senior project they are developing in IDSN 4700. They will also determine and develop criteria for selecting a mentor, compose a shortlist, and begin the search process to acquire a mentor.

*Prerequisites: IDSN 3600 with a minimum of B- and IDSN 3631 and IDSN 3645 and IDSN 3651 and IDSN 3681*

### **IDSN 4781 CR-3 (formerly IDSN 3680)**

#### **Interior Design Business II**

Students will learn about the management of interior design projects, focusing on the principles of general project management, contract documentation and contract administration.

*Prerequisites: IDSN 3600 with a minimum of B- and IDSN 3631 and IDSN 3645 and IDSN 3651 and IDSN 3681*

### **IDSN 4800 CR-5**

#### **Thesis Synthesis**

Student will consolidate previous learning to advance and broaden their understanding of interior design by completing, presenting, and defending a thesis project using a programming document developed in prerequisite course IDSN 4700, a list of resources utilized, and mentor's guidance.

*Prerequisites: IDSN 4700 and IDSN 4721 and IDSN 4765 and IDSN 4781*

### **IDSN 4860 CR-1 (formerly IDSN 4761)**

#### **Work Experience IV**

Students will participate in a practicum with an interior design or architectural firm (different firm than the placement in IDSN 3561) with emphasis on observing, recording and understanding the operations of this firm. They will participate in the design processes within the firm to whatever extent is possible.

*Prerequisites: IDSN 4700 with a minimum of B- and IDSN 4721 and IDSN 4765 and IDSN 4781*

### **IDSN 4865 CR-1**

#### **Mentorship II**

Students will develop and maintain a professional relationship with a mentor or mentors, and mentor a junior student. They will seek out advice with their self-directed senior project in IDSN 4800. Students will lead, plan and create a public showcase to present the results of their self-directed senior project.

*Prerequisites: IDSN 4700 and IDSN 4721 and IDSN 4765 and IDSN 4781*

*Co-requisites: IDSN 4800 and IDSN 4880 IDSN 4800 and IDSN 4880*

### **IDSN 4880 CR-3**

#### **Interior Design Business III**

Students will examine business and professional practice relevant to interior design. They will engage in research, analysis and discussion of related topics such as legal and ethical business policies, global issues and international design practice, multi-disciplinary teamwork, and entrepreneurship.

*Prerequisites: IDSN 4700 and IDSN 4721 and IDSN 4765 and IDSN 4781*

### **IDSN 4900 CR-3**

#### **Self-Directed Study**

Students in their final years of study will have the opportunity to explore and integrate personal areas of interest and career objectives within the interior design profession (subject to faculty approval). They will gain proficiency in career knowledge and skills required for entry level employment, as well as hone independent learning through research, planning, and presenting a project related to a negotiated area of study.

*Prerequisites: IDSN 3500*

## **J**

## **JAPANESE (JAPN)**

### **JAPN 1100 CR-3**

#### **Basic Japanese I**

Students who have little or no previous knowledge of Japanese will learn basic communication skills used in a Japanese cultural context. They will develop their ability to speak, comprehend, read, and write Japanese through various communicative tasks.

*Transferable (refer to transfer guide)*

### **JAPN 1101 CR-3**

#### **Basic Japanese II**

Students who have completed Japanese 1100 or an equivalent course will continue learning spoken and written Japanese. They will develop basic oral and written communication skills used in a Japanese cultural context through the study of vocabulary, pronunciation, grammar, and short essay writing.

*Prerequisites: JAPN 1100 or assessment by instructor.*

*Transferable (refer to transfer guide)*

### **JAPN 1200 CR-3**

#### **Introduction to Contemporary Japanese Society and Culture**

Students who have an interest in Japan, but little or no background in Japanese studies, will gain a broad overview of contemporary Japanese society and culture. They will read, watch, listen to, discuss, and write about a variety of materials introducing topics such as Japan's geography, history, customs and events, social structure, religion, family, demographics, regional cultures, minority groups and subcultures, politics, economy, sports, literature and arts.

NOTE: Students may earn credit for only one of JAPN 1200 and CUST 1200 as they are identical courses.

*Transferable (refer to transfer guide)*

**JAPN 2200 CR-3****Intermediate Japanese I**

Students will build on previously acquired listening, speaking, reading, and writing skills. They will further develop intercultural communication skills and increase their understanding of modern Japanese culture.

*Prerequisites: JAPN 1101 or assessment by instructor.*

*Transferable (refer to transfer guide)*

**JAPN 2201 CR-3****Intermediate Japanese II**

Students will build on previously acquired skills and become more fluent and accurate in speech and listening comprehension. They will develop reading and writing skills while increasing their understanding of modern Japanese society and culture. Students will further develop intercultural communication skills in both social and workplace situations.

*Prerequisites: JAPN 2200 or assessment by instructor.*

*Transferable (refer to transfer guide)*

**JAPN 3300 CR-3****Upper Intermediate Japanese I**

Students will develop their proficiency in a variety of contexts with written and spoken Japanese to an upper-intermediate level. They will focus on complex grammatical structures and specialized vocabulary. Students will identify aspects of Japanese culture reflected in the language they learn. They will be introduced to strategies for becoming independent language learners.

*Prerequisites: JAPN 2201 or assessment by instructor*

*Transferable (refer to transfer guide)*

**JAPN 3301 CR-3****Upper Intermediate Japanese II**

Students will extend their proficiency in a variety of contexts with written and spoken Japanese at an upper-intermediate level. They will further explore complex grammatical structures, particularly those related to levels of formality, and will focus on expanding specialized vocabulary and analyzing aspects of Japanese culture reflected in the language they learn. Students will be encouraged to use strategies for directing their own learning.

*Prerequisites: JAPN 3300 or assessment by instructor*

*Transferable (refer to transfer guide)*

**JAPN 3310 CR-3****Japanese Culture and Business**

Students will explore the role and characteristics of business in Japan and the powerful influence of business on contemporary Japanese culture. First, they will follow the development of industry and business in Japan from the beginning of the Edo Period until the end of the Second World War. Then students will examine the remarkable recovery and development of Japan's postwar economy that culminated, in 1980s and 90s, in theories and stereotypes relating to the concept of a unique Japanese business style. Finally, students will examine changes in the Japanese economy since the bursting of Japan's "economic bubble" in the mid 1990s and the effects of these changes on business, society and culture today. Students will read texts as well as current articles in newspapers (such as the Wall Street Journal or The Daily Yomiuri (English edition), journals and magazines (such as The Economist), and watch movies and documentaries in order to explore a broad range of topics, from the role of business in Japan's international relations to its effects on the lives of individual Japanese and their environment.

NOTE: Students may earn credits for only one of JAPN 3310 and CUST 3310 as they are identical courses. The course will be conducted in English.

*Prerequisites: 30 credit of 1100-level courses or higher*

*Transferable (refer to transfer guide)*

**JAPN 3320 CR-3****Japanese Culture Through Film**

Students will deepen their understanding of contemporary Japanese art and culture by viewing important post-war Japanese movies. They will focus on influential directors and characteristic genres, including but not limited to comedies, samurai epics and anime [animation]. Students will view a variety of works (in English or Japanese with English subtitles), discuss important themes and cultural references, and connect these movies to the broader Japanese culture, especially youth culture. They will observe how movies both make and question "culture" and, in turn, how culture determines the content of movies and their popular success. Students will read works by critics who examine various characteristics of Japanese culture, especially its "visual bias", evident in arts ranging from Japanese writing (Kanji) and wood-block prints (ukiyo-e) to contemporary movies, magazines, commercials, and fashion. Students will also identify the contributions of Japanese film to international "movie culture" and discuss, more generally, the importance of visual media in the post-modern, post-literate, non-rhetorical age of film, television and the Internet. Finally, they will consider how the increasing success of Japanese animation in foreign markets might contribute to Japan's cultural integration into the global community and discuss the future of post-modern technological societies.

NOTE: Students may earn credits for only one of JAPN 3320 and CUST 3320 as they are identical courses. The course will be conducted in English.

*Prerequisites: 3 credits of 1100-level courses or higher*

*Transferable (refer to transfer guide)*

### **JAPN 4400 CR-3**

#### **Advanced Japanese I: Conversation**

Students will expand their proficiency in a variety of social and academic contexts with spoken Japanese at an advanced level. They will refine their knowledge of Japanese oral communication skills, including complex grammatical structures and specialized vocabulary, as well as analyze aspects of Japanese culture reflected in the language they learn. They will further develop discourse and sociolinguistic competence through a variety of activities using authentic materials in the popular media. Students will also learn how to utilize texts and written work in support of their developing oral skills.

*Prerequisites: JAPN 3301 or assessment by instructor  
Transferable (refer to transfer guide)*

## **JOURNALISM (JRNL)**

### **JRNL 1100 CR-3**

#### **Explorations in Mass Communications**

Students will be given a comprehensive overview of mass communications in Canada. They will learn about the key players who affect mass media, including the people who work in mass media and their audiences and critics. Students will examine the roles played by government and business in mass communications and discuss a variety of relevant issues, including concentration of media ownership and the dominance of American popular culture on Canada

*Prerequisites: English 12 (B) or ENGQ 1099 or ABEE 0091 or ENGP 1091 or Kwantlen English Placement Test EPT) for placement to ENGL 1100 or an LPI level 5 with an Essay score of 30 or higher or ELST 0381, 0383 (was EASL 0085, 0040) (B)*

### **JRNL 1123 CR-1.5**

#### **Writing Skills for Journalism**

Students will learn the writing skills required for modern media, especially newspapers. They will write and edit articles in Canadian Press style and organize information in accepted newspaper story forms, with emphasis on grammar, effective structure, and the presentation of accurate information.

*Co-requisites: JRNL 1160 JRNL 1160*

### **JRNL 1130 CR-1.5**

#### **Photography for Print Media**

Students will be introduced to photographic skills used in print journalism. They will learn different types of photojournalism, including news, sports and feature photography and the use and care of 35mm single lens reflex cameras and professional standard digital cameras. Students will gain practical experience while photographing subjects in a variety of lighting conditions and settings requiring different exposures and techniques. They will learn how to produce both colour and black and white photographs for publication, as well as basic principles of photo layout and use of software to download digital photographs to a Mac computer.

### **JRNL 1141 CR-3**

#### **Visual Design with Computers**

Students will develop the skills and knowledge to produce computer-generated material for print media, using appropriate software. They will learn basic design theory, the history and application of typography and how to critically evaluate visual design elements.

### **JRNL 1160 CR-3**

#### **Introduction to Journalism**

Students will explore how journalism fits in a media landscape that includes both traditional mainstream news sources and alternative information sources such as social networking, YouTube, Twitter and blogs. They will also explore reporting by citizen journalists. Students will explore the ramifications of economic and technological change in the industry. They will also study its impact on journalists and journalism, citizens, human rights, community and democracy.

*Prerequisites: A grade of 'B' in English 12 (or equivalent)  
Transferable (refer to transfer guide)*

### **JRNL 1220 CR-3**

#### **Citizen Journalism**

Students will explore the role of citizen journalism in the dissemination of information. They will explore the investigative techniques commonly employed by professional journalists, including but not limited to court searches and Freedom of Information requests. They will learn how to use many of these techniques to find information important to themselves and their communities. They will discover how tools such as blogging, social networking and search engine optimization can be used to share this information with the larger community. They will learn how to write clearly and concisely. Students will also explore how media law affects citizen journalism, and vice versa.

*Prerequisites: A grade of 'B' in English 12 (or equivalent)  
Transferable (refer to transfer guide)*

### **JRNL 1231 CR-3**

#### **Basic Photojournalism**

Students will further develop their understanding of photography as it pertains to journalism. They will sharpen skills in using a 35mm camera, and producing black and white and colour images. Students will gain practical experience in photographing subjects using different lenses under a variety of lighting conditions. They will learn to apply the principles of photojournalism in conceiving and creating various types of newspaper and magazine photographs, with special attention on news, features, sports and photo stories. Students will also continue to learn negative scanning and use of Adobe Photoshop®.

*Prerequisites: JRNL 1130*

### **JRNL 1261 CR-3**

#### **Advanced Journalism**

Students will learn different approaches to news writing and develop the ability to cover sports, business, entertainment, and lifestyles beats. They will apply critical thinking skills to the writing of columns, editorials, and reviews.

*Prerequisites: JRNL 1123 and JRNL 1160*

*Co-requisites: JRNL 1262 JRNL 1262*

### **JRNL 1262 CR-1.5**

#### **Political Reporting**

Students will learn how political stories are generated from budgets, school boards, city councils, community organizations, and federal and provincial governments. They will learn how to access documents and people who are sources of information, and how to evaluate and select information for use in news stories.

*Prerequisites: JRNL 1123 and JRNL 1160*

*Co-requisites: JRNL 1261 JRNL 1261*

**JRNL 1265 CR-3****Feature Writing**

In this course, students learn how to write feature articles for newspapers and magazines. The student will study the process of producing ideas, selling a story, research techniques, writing and rewriting, and surviving as a free-lancer. In-class writing exercises are designed to help the student develop a feature writing style.

*Prerequisites: (JRNL 1123 and JRNL 1160) or PRLN 1150 and PRLN 1162)*

**JRNL 1273 CR-3****News Production and Editing**

Students will learn how to produce a print and online newspaper, using relevant design, photo-imaging and audio and video editing software. They will develop and practice skills in copy editing, rewriting, proofreading, headline and cut line writing, page design and online storytelling. Students will develop teamwork skills and the ability to critique their own work and the work of others.

*Prerequisites: JRNL 1123 and JRNL 1141 and JRNL 1130*

**JRNL 2120 CR-3****Storytelling 1**

Students will explore journalistic and other non-fiction storytelling, with an emphasis on the different writing styles and conventions of such genres as narrative, documentary, online, print and broadcast media. Students will analyze a range of non-fiction storytelling and reporting, explore the importance of audience, and create works in a variety of styles.

*Prerequisites: JRNL 1160  
Transferable (refer to transfer guide)*

**JRNL 2140 CR-3****Introduction to News: How We Inform Ourselves**

Students will explore the evolving concept of news and related issues of how a civil society informs itself, through examining the professionalization of the media, the development of objectivity and changes in the late stages of a mass media culture. Students will examine questions such as: What is news? Is objectivity possible? What is the difference in how news is covered and presented by different media operations? What are the effects of citizen journalism, "corporatization" and other ownership models of the media? What is the impact of wide-scale cultural disruption on news coverage?

*Prerequisites: JRNL 1160  
Transferable (refer to transfer guide)*

**JRNL 2230 CR-3****Multimedia Storytelling**

Students will explore the types of multimedia journalism and other non-fiction storytelling made possible by inexpensive hardware and software tools, and the ability to easily publish on the Internet. They will explore the role of audio, video and interactivity in creating rich, immersive stories, through profiles, event coverage, journalistic storytelling and other modes. Students will learn storytelling skills and the technical skills (both hardware and software) needed to create effective stories of their own.

*Prerequisites: JRNL 1160*

**JRNL 2240 CR-3****Beyond the News**

Students will examine what is happening in media areas beyond news, including, but not limited to, health and science, education, sports, entertainment, fashion and lifestyles, and opinion writing. Students will explore the evolving mediascape, which includes traditional media and new-media competitors, and examine differences in writing styles and presentation. They will examine the potential for accessing and providing in-depth information in specialist and niche areas, analyze non-news publications, and develop and publish traditional or non-traditional information projects in their own areas of interest.

*Prerequisites: JRNL 1160*

**JRNL 2250 CR-3****Public Affairs Journalism 1**

Students will explore the relationship between journalism and politics, investigate the role of journalism as a public watchdog, and learn about the historical and current practice of journalism as it impacts public policy. They will examine a range of political coverage including: journalistic coverage of politics in the form of multimedia news stories, opinion pieces, editorials and blogs, and strategic use of political communication by governments and political parties.

*Prerequisites: JRNL 1160  
Transferable (refer to transfer guide)*

**JRNL 2301 CR-3****Media and Audiences**

This course is an introduction to the study of popular culture and communication, with a focus on the nature and role of audiences. Popular culture is examined in relation to consumerism, pleasure-seeking, language and advertising, politics and the news.

*Prerequisites: JRNL 1100 recommended*

**JRNL 2332 CR-1.5****Advanced Photojournalism**

Students will expand their skill in the use of 35mm cameras and flash photography, and explore the basics of digital photography, with special emphasis placed on covering news and sports, feature pictures and photo stories. Students will learn to control on-location lighting, develop computer-imaging skills, and understand ethical and legal issues. They will address special topics including how to build and present a portfolio and the nature of the freelance market.

*Prerequisites: JRNL 1231*

**JRNL 2353 CR-3****Research Techniques**

Students will learn how to research records at government offices, registered charities, and publicly traded companies. They will develop the skills necessary to interpret financial reports and statistical information and to do research using the Internet.

*Prerequisites: JRNL 1261*

**JRNL 2373 CR-4****News Publication I**

Using industry standard software, students will practice the skills necessary to publish a print and online newspaper, including writing, photography, editing, page layout, prepress production and distribution, and audio and video storytelling. They will also explore legal issues involved in journalism, including copyright, libel and defamation and contempt of court.

*Prerequisites: JRNL 1261*

**JRNL 2401 CR-3****Ethics and the Media**

Students will learn about moral theories and will apply them to topics such as conflicts of interest, offensive content, and stereotypes. They will critically examine current issues in the news and will explore the relationship between journalism and public relations.

**JRNL 2402 CR-1.5****Broadcast I: Introduction to Radio Reporting**

Students will be introduced to radio broadcast journalism which focuses on writing, editing, story production and on-air voice presentation. They will learn to conduct interviews using digital tape recorders, and to select, download and edit clips on Mac computers. They will also learn to identify types of radio stories, beats and programs, and to distinguish between public and private radio formats.

*Prerequisites: JRNL 1160 and JRNL 1261*

**JRNL 2463 CR-1.5****Investigative Journalism**

Students will develop the skills necessary to practice investigative journalism. They will learn how to obtain information from a wide variety of sources, including government and non-governmental organizations, individuals and others. Emphasis will be placed on interview techniques and other aspects essential to journalistic investigation.

*Prerequisites: JRNL 1261*

**JRNL 2471 CR-4.5****Work Experience**

Students will experience the daily routine used in the preparation of a publication during a four-week industry placement. They will perform the duties of full-time reporters during their placement, applying the skills they learned in the first two years of the program.

*Prerequisites: JRNL 2301 and JRNL 2332 and or JRNL 2373*

**JRNL 2477 CR-3.5****News Publication II**

Using industry standard software, students will further develop their skills in publishing a print and online newspaper, including writing, photography, editing, page layout, pre-press production, designing, managing distribution and preparing and presenting multimedia journalism. They will conduct news meetings and develop teamwork skills while working on a group project. Students will continue to practice journalism in print and online delivery.

*Prerequisites: JRNL 2373*

**JRNL 3100 CR-3****Online Publishing I**

Students will combine text, images, audio and video to create multimedia journalism. They will use a variety of production techniques, including navigation design, interactivity and linking strategies, for producing in-depth online journalism. Students will also explore the effects new web technologies are having on journalism and storytelling.

*Prerequisites: JRNL 2475 or JRNL 2477*

**JRNL 3130 CR-3****Writing for Magazines**

Students will learn how to develop the "writer's voice," to integrate narrative and descriptive writing into stories, and to organize material for magazine-length, non-fiction stories. They will develop the skills necessary to rewrite magazine stories and to work with an editor.

*Prerequisites: JRNL 1265*

**JRNL 3150 CR-3 (formerly JRNL 4120)****Advanced Research for Journalism**

Students will learn techniques for computer-assisted research and use information gathered through those techniques to produce original news stories and graphics. They will study advanced Internet research methods, information analysis using spreadsheets and databases, and methodologies for designing surveys, research questionnaires, and polls.

**JRNL 3155 CR-3****Storytelling 2: Reporting**

Students will learn the essential skills of reporting, including conducting interviews; writing different types of stories; establishing connections with reliable sources; finding stories; and writing stories for a variety of media platforms. They will examine the differences between news writing and that of feature, column, blog and editorial writing. Students will critique news coverage of local, national and international events and develop the ability to recognize and write a newsworthy story.

Note 1: Students are required to have a digital audio recorder and hand-held microphone for this course. Specifications will be provided by the department.

Note 2: This course may include mandatory field trips.

*Prerequisites: 45 credits of any 1100-level or higher courses, including ENGL 1100 and JRNL 2230*

**JRNL 3160 CR-3****Photojournalism**

Students will learn still and video photojournalism basics for print and online publication. They will explore the differences between photojournalism and other types of photography. They will gain practical experience while photographing and/or video-recording subjects in a variety of lighting conditions and locations requiring different techniques. Students will learn basic video-editing, principles of photo layout and use of photojournalism software such as Adobe Photoshop and Soundslides.

Note: Students are required to have a digital single-lens reflex (SLR) camera for this course. Specifications will be provided by the department.

*Prerequisites: 45 credits 1100-level or higher courses, including JRNL 1160*

**JRNL 3170 CR-3****Storytelling 3: Narrative Nonfiction**

Students will explore the world of narrative nonfiction, which marries strong journalism and narrative storytelling. They will learn advanced nonfiction writing techniques and how the nonfiction-publishing industry functions, both online and in print. They will analyze published work, including but not limited to magazine articles, books, memoirs and personal essays. They will learn the art of narrative nonfiction and develop their "voices" as writers.

*Prerequisites: 45 credits 1100-level or higher courses, including JRNL 1160*  
*Transferable (refer to transfer guide)*

**JRNL 3200 CR-3****Media and Diversity**

Students will examine the media from the perspective of the diverse audience, with a specific focus on issues such as race, religion, gender and culture. They will develop the skills to report on diversity with fairness and balance.

*Prerequisites: completion of 60 Kwantlen credits which must include ENGL 1100 and JRNL 2301*

**JRNL 3250 CR-3****Directed Study**

Students will carry out a detailed investigation of a topic of interest relevant to journalism. The investigation will be carried out under the supervision of a faculty member with expertise in the area and will consist of readings and research. Students will be required to identify relevant sources of information and to develop a comprehensive understanding of their topic, in addition to submitting a final in-depth article or academic paper.

*Prerequisites: JRNL 3100*

**JRNL 3260 CR-3****Media Economics and Entrepreneurial Journalism**

Students will explore the economics of existing and emerging media. They will also explore the implications and opportunities for journalists working in traditional and new media. They will learn skills, techniques and technologies needed for developing a professional reputation and personal brand. Students will learn the organizational, business and personal skills needed for freelance employment, and for leading or working as a team member with media start-up companies.

*Prerequisites: 45 credits 1100-level or higher, including JRNL 1160*

**JRNL 3270 CR-3****Advanced Photojournalism**

Students will expand their photojournalism skills in the use of professional-standard cameras to produce and publish photographs and videos. They will explore the legal and ethical aspects of photojournalism and consider the role of photojournalism in public discourse. They will learn how to control lighting and other variables in various locations. Students will learn and apply advanced techniques in such photojournalism software as Adobe Photoshop and programs for video-editing and combining still photographs and audio for online publication. They will produce a portfolio of their work and learn about freelancing as a photojournalist.

Note: Students are required to have a digital single lens reflex (SLR) camera for this course. Specifications will be provided by the department.

*Prerequisites: 45 credits 1100-level or higher, including JRNL 2230 and JRNL 3160*

**JRNL 4101 CR-1.5****Daily News Production**

Students will explore and develop an understanding of the economic, social and technological forces that influence changes in journalism, particularly as it applies to daily newspapers. They will study recent newspaper history and emerging trends in daily newspapers both in Canada and internationally. Students will also explore the implications these changes have for the practice of journalism in the short- and near-term future.

**JRNL 4131 CR-3****Advanced Editing**

Students will learn advanced skills related to the editor's role in a newsroom. They will practice coaching reporters on generating and shaping story ideas, improving writing techniques, and developing sidebars, visual aids and other elements to complement a story, as well as editing complex stories for accuracy, effectiveness, organization, and writing style.

**JRNL 4140 CR-4.5****Work Experience II**

A work experience is arranged during the seventh semester with newspapers, magazines or online publications in and out of the college area. Students will experience the daily routine used in the preparation of a publication during a four-week industry placement where they will perform the duties of full-time staffers. Following that work experience, they will report back with an assessment.

**JRNL 4160 CR-3****Journalism Research Methods**

Students will learn to use a critical approach in conducting advanced research using electronic databases and other information sources including, but not limited to: social media; blogs; public and corporate websites; Statistics Canada; scholarly journals; and mainstream news media. They will learn about and apply media law and journalism principles of fairness, accuracy and balance in assessing and comparing the validity of various information sources. They will use Freedom of Information (FOI) and Access to Information (ATI) laws to obtain government records. They will use information gathered via various research methods to write original journalism articles.

Note: The Journalism and Communications Studies department strongly recommends students have three quantitative-course credits before taking this course. Check with the department for recommended quantitative courses.

*Prerequisites: 45 credits of any level-1100 or higher, including JRNL 1220 and JRNL 2120 and JRNL 3155*

**JRNL 4190 CR-3****Directed Study Honours I - Research**

Students working under the supervision of a faculty member will identify a topic for their honours thesis and undertake a research program that includes an extensive reading list developed by the student and faculty supervisor. They will design an outline for their thesis project.

*Prerequisites: JRNL 3200*

**JRNL 4200 CR-3****History of Canadian Journalism**

Students will learn about the history of journalism in Canada, from the first 18th century newspaper to the present-day multi-media world. They will examine both broad historic trends in Canadian journalism, such as the commercialization of the press in the 19th century and the concentration of ownership in the 20th, as well as more localized aspects, like regional differences among Ontario, Maritime, francophone and western Canadian journalism.

*Prerequisites: Completion of 60 Kwantlen credits which must include (ENGL 1100 or 1110) and (any second-year level HIST course or JRNL 2301)*

### **JRNL 4210 CR-3**

#### **Journalism - Special Topics**

Students will examine a current topic, conduct in-depth research, and write a major academic paper on a current topic in consultation with their instructor. They will do a peer presentation based on their research.

### **JRNL 4240 CR-3 (formerly JRNL 3120)**

#### **Social Issues Journalism**

Students will explore the history and practice of social-issues journalism, a long-established branch of reporting that ranges from the work of early social commentators such as Charles Dickens to today's investigative reporters. They will analyze social-issues journalism, which combines feature narrative writing, investigative reporting, and an invitation to change that goes beyond standard journalism. They will explore the ethics and traditions of social-issues journalism from the perspective of the public interest. They will be expected to be aware of political and social issues in their own communities. Students will compare journalistic and academic-writing styles and write a social-issues journalism feature on a specific social issue, or an academic essay about social-issues journalism for their final project.

Note: Students who wish to write a journalistic narrative feature, rather than an academic essay, are advised to take JRNL 3155: Storytelling 2 - Reporting prior to attempting this course as the narrative project requires at least a basic understanding of journalism-specific writing skills and formats. However, all students have the option of writing an academic paper instead.

*Prerequisites: 60 credits of any 1100-level or higher courses, including JRNL 1160*

### **JRNL 4250 CR-3**

#### **Public Affairs Journalism 2**

Students will critique and generate political stories at the local, regional, provincial and federal levels, using a variety of information sources. They will learn how to access documents and individuals as sources of information, and how to evaluate and select information for use in news stories. They will consider the watchdog role of political reporting in a democracy, and will examine interactions among journalists, politicians, bureaucrats and non-governmental organizations and lobby groups with diverse interests, from Greenpeace to the Canadian Taxpayers Federation.

Note: This course may include mandatory field trips.

*Prerequisites: 45 credits of any 1100-level or higher courses, including JRNL 1220 and JRNL 2120 and JRNL 2230 and JRNL 2250 and JRNL 3155 and POLI 1120*

### **JRNL 4260 CR-3**

#### **Computer Programming for Journalists**

Students will be exposed to and work in a number of programming and scripting languages (including, but not limited to Flash ActionScript, JavaScript, HTML and Cascading Stylesheets, and the PHP scripting language) and programs (such as Adobe Flash) that are used to create visually rich, interactive media websites and components of those sites. They will apply a range of skills needed to create and publish interactives, and to design, develop and deploy database-driven information applications. They will develop full-featured websites.

Note: This is a hands-on course, which requires basic computer literacy; however, previous knowledge of computer programming is not required.

*Prerequisites: 45 credits of 1100-level or higher, including JRNL 1220 and JRNL 2120 and JRNL 2230*

### **JRNL 4270 CR-3**

#### **Advanced Storytelling**

Students will work as a newsroom team during the semester to report and produce stories for a single-theme on-line publication (a story package). Students will develop the initial concept and identify stories using the full-range of storytelling methods (narrative text, visualized data, video, audio, photography, etc.). They will also learn or deepen skills in storytelling, website design and interactivity. They will produce a final project that will be a rich and interactive website on the assigned topic.

Note: Students are required to have a digital SLR camera and digital audio recorder for this course. Specifications will be provided by the department.

*Prerequisites: 60 credits of 1100-level or higher, including JRNL 1220 and JRNL 2120 and JRNL 2230*

### **JRNL 4290 CR-3**

#### **Honours Thesis**

Students working under the supervision of a faculty member will write an honours thesis based on the research and outline completed in Journalism 4190. Students will engage in an extensive process of draft-writing and revisions to produce the final thesis.

*Prerequisites: JRNL 4190*

### **JRNL 4295 CR-3**

#### **Journalism Honours Seminar**

Students will explore contemporary mass communication and journalism issues and research strategies. They will examine advanced methodological approaches to mass communications and journalism research through critical evaluation and evaluate the strengths and weaknesses of a variety of research methods. This course is mandatory for those students registered in the Bachelor of Applied Journalism Honours Degree.

*Prerequisites: Admission to the Bachelor of Applied Journalism*

## **L**

## **LEGAL ADMINISTRATIVE STUDIES (LGLA)**

### **LGLA 1115 CR-3 (formerly ABTY 1115)**

#### **Bookkeeping For the Law Office**

Students will practice basic bookkeeping functions for a law office. They will perform all functions of the complete accounting cycle, reconcile bank statements and perform payroll functions.

### **LGLA 1125 CR-3**

#### **Introduction To Legal Office Procedures And Legal Research**

Students will study and apply the procedures and documentation related to a general legal office for success in the workplace. They will work in teams to examine statute and case law.

### **LGLA 1135 CR-3 (formerly ABTY 1135)**

#### **Computer Competency**

Students will produce databases, spreadsheets and reports, and slide shows using Microsoft Excel, Access and PowerPoint.

### **LGLA 1145 CR-3 (formerly ABTY 1145)**

#### **Word Processing**

Students will produce a variety of business documents using basic and intermediate features of word processing software. Proper formatting, proofreading, and attention to detail will be emphasized.

**LGLA 1155 CR-3 (formerly ABTY 1155)****Business Communications**

Students will practice English language skills, applying the mechanics of style, developing proofreading and editing skills and using words effectively. They will apply these skills to a variety of business communications.

**LGLA 1202 CR-3 (formerly ABTY 1202)****Legal Office Procedures - Corporate Law**

Students will study the BC Business Corporations Act, and any relevant acts and regulations, and the terminology and procedures relating to corporate law. They will prepare and process the documentation required for incorporation of a company, for post-incorporation, for annual requirement and for registration, and will file the appropriate documents with the Registrar of Companies.

**LGLA 1203 CR-3 (formerly ABTY 1203)****Legal Office Procedures - Conveyancing**

Students will apply the procedures and documentations related to the transfer of real estate in British Columbia. They will focus on the transfer of title of residential properties, including strata title and mortgage financing.

*Prerequisites: (ABTY 1145 and ABTY 1155 and ABTY 1202 and ABTY 1205) or [LGLA 1145 and (LGLA 1155 or CMNS 1140) and LGLA 1202 and LGLA 1205]*

**LGLA 1204 CR-3 (formerly ABTY 1204)****Legal Office Procedures - Wills and Estates**

Students will prepare and process wills, codicils, applications for Letters Probate and Letters of Administration, correspondence regarding estates, distribution and passing of accounts

*Prerequisites: (ABTY 1145 and ABTY 1155 and ABTY 1202 and ABTY 1205) or [LGLA 1145 and (LGLA 1155 or CMNS 1140) and LGLA 1202 and LGLA 1205]*

**LGLA 1205 CR-3 (formerly ABTY 1205)****Legal Office Procedures - Litigation**

Students will study the process of civil litigation in BC. They will learn the preparation and processing of civil litigation documents, including trial procedures and collections procedures resulting from court judgments.

**LGLA 1206 CR-3 (formerly ABTY 1206)****Family Law**

Students will be introduced to the process of family law in BC. They will learn the preparation and processing of family law documents, including trial procedures and collections procedures resulting from court judgments. Student centered instruction will focus on the legal procedures and documentation related to marriage agreements, separation agreements, division of family assets and defended and undefended divorces. Students will become familiar with the requirements of the Divorce Act and the Family Relations Act

*Prerequisites: (ABTY 1145 and ABTY 1155 and ABTY 1202 and ABTY 1205) or [LGLA 1145 and (LGLA 1155 or CMNS 1140) and LGLA 1202 and LGLA 1205]*

*Transferable (refer to transfer guide)*

**LGLA 1399 CR-3 (formerly ABTY 1399)****Legal Assistant Work Experience/Project**

Students will apply academic and practical knowledge and skills through relevant experience in the workplace or through the completion of a comprehensive project.

*Prerequisites: (ABTY 1125 and ABTY 1145 and ABTY 1155 and ABTY 1202 and ABTY 1205) or [LGLA 1125 and LGLA 1145 and (LGLA 1155 or CMNS 1140) and LGLA 1202 and LGLA 1205]*

*Co-requisites: (ABTY 1115 and ABTY 1135 and ABTY 1203 and ABTY 1204 and ABTY 1206) or [LGLA 1115 and (LGLA 1135 or CBSY 1105) and LGLA 1203, and LGLA 1204 and LGLA 1206] (ABTY 1115 and ABTY 1135 and ABTY 1203 and ABTY 1204 and ABTY 1206) or [LGLA 1115 and (LGLA 1135 or CBSY 1105) and LGLA 1203, and LGLA 1204 and LGLA 1206]*

**LIBERAL EDUCATION (LBED)****LBED 3110 CR-3****Work, Technology and Society**

Students will learn to critically examine technology's impact on work and the relationships of people, groups and systems.

**LBED 3120 CR-3****Study of Cultures**

Students will use inter-disciplinary perspectives and techniques to study various human cultures. They will develop a sense of the cultural elements they will encounter in their careers and communities.

*Prerequisites: ENGL 1100 or ENGL 1110 or equivalent*

**LBED 3310 CR-3****Power Relationships I**

Students will study a variety of perspectives on many forms of power, collective and personal. They will analyze the evolution and transformations of power, the relationships between power and powerlessness, internal and external power, and the rewards and costs of power. Students will learn the causes and effects of power in a variety of contexts, including the workplace.

*Prerequisites: ENGL 1100*

**LBED 3311 CR-3****Power Relationships II**

Students will examine collective and personal power in a variety of contexts. They will analyze structures of state power as well as structures of inequality and oppression in the state, the legal system, the workplace and the home.

*Prerequisites: LBED 3310 recommended*

**LBED 3410 CR-3****Literature of the Humanities**

Students will study influential writers and thinkers who have helped shape western culture, imagination, and thought. They will read, discuss, and write about imaginative literature such as poetry, plays, and novels; and non-fiction prose drawn from religious, philosophical, political or scientific thought. Students will examine the language and ideas of such diverse writers as Plato, Shakespeare, or John Stuart Mill to come to a better understanding of how western assumptions about human nature and society have been formed.

*Prerequisites: ENGL 1100*

*Transferable (refer to transfer guide)*



### **LBED 3420 CR-3**

#### **Themes in Contemporary Culture**

Students will study issues and arguments in contemporary culture reflected in essays or articles, and selected prose readings from the Massey Lectures series. They will read, discuss and write about contemporary issues related to science and technology; politics and democratic citizenry; language, education, and the media.

*Prerequisites: ENGL 1100*

### **LBED 4810 CR-3**

#### **Innovation and Creativity**

Students will explore the nature and role of creativity, from an individual and team perspective with particular emphasis on business environment. They will examine principles, theories and models for creativity, with a heavy emphasis on experiential techniques. Students will investigate the role of the creative process within various organizational contexts in an effort to stimulate and develop their personal creative process, with emphasis on creative leadership and the case study approach.

*Prerequisites: A minimum of 60 credits of any 1100 or higher level courses*

## **LINGUISTICS (LING)**

### **LING 1100 CR-3**

#### **Introduction to Language Structure**

Students will acquire a basic understanding of the structural properties of languages in general. They will learn how words and sentences are formed and how sounds are articulated and patterned. Students will analyze examples from a variety of languages and discuss applications of linguistic findings to language learning and teaching.

*Transferable (refer to transfer guide)*

### **LING 1300 CR-3**

#### **Languages of the World**

Students will learn fundamental facts about the world's languages and will examine topics critical to language. They will examine a range of questions: the regional and historical similarity and diversity of languages, linguistic typology and language universals, sound and structural features of the world's languages, issues of languages in contact, minority language endangerment, and the role of English as a world language.

*Transferable (refer to transfer guide)*

### **LING 2120 CR-3**

#### **Grammatical Patterns in Language**

Students will examine the principles that govern the way that words are created and organized into sentences, and how the meanings of words and sentences are interpreted. They will investigate the systems that underlie the organization and structure of natural languages and apply these principles to the description and analysis of individual languages. Students will evaluate and analyze data from a variety of languages around the world.

*Prerequisites: LING 1100*

*Transferable (refer to transfer guide)*

### **LING 2300 CR-3**

#### **Language in Society**

Students will examine the relationship between language and culture in past and present societies. They will analyze variation in language based on region, social class, gender, and age. Students will study contact and conflict between languages and look at different kinds of language policies enacted throughout the world. Students will also investigate how cultural attitudes and expectations and group attachments affect language usage.

*Prerequisites: LING 1100 or LING 1300*

*Transferable (refer to transfer guide)*

### **LING 2400 CR-3**

#### **First and Second Language Acquisition**

Students will study processes and issues associated with a child learning a first language and an adult studying a second language. Topics will include the acquisition of vocabulary, grammar and pronunciation. Students will become familiar with normal language development and review fundamental questions in current theoretical models.

*Prerequisites: LING 1100*

*Transferable (refer to transfer guide)*

## **M**

## **MANDARIN (MAND)**

### **MAND 1100 CR-3**

#### **Beginner Mandarin I**

Students will develop basic skills in listening, speaking, reading and writing in Mandarin Chinese while exploring the Chinese culture. This course is intended for students who cannot write more than 200 Chinese characters.

*Transferable (refer to transfer guide)*

### **MAND 1101 CR-3**

#### **Beginner Mandarin II**

Students will practice and enhance the basic linguistic skills developed in Mandarin 1101 and will acquire additional grammatical structures and vocabulary for achieving intermediate proficiency in conversation, reading, writing and translation as well as further understanding of the Chinese culture and customs.

*Prerequisites: MAND 1101, or Mandarin 11, or assessment by instructor*

*Transferable (refer to transfer guide)*

### **MAND 2200 CR-3**

#### **Intermediate Mandarin I**

Students will practice and enhance the basic linguistic skills developed in Mandarin 1101 and will acquire additional grammatical structures and vocabulary for achieving intermediate proficiency in conversation, reading, writing and translation as well as further understanding of the Chinese culture and customs.

*Prerequisites: MAND 1101, or Mandarin 11 with B, or Mandarin 12 with C, or assessment by instructor*

*Transferable (refer to transfer guide)*

**MAND 2201 CR-3****Intermediate Mandarin II**

Students will build on previously acquired linguistic skills to further the development of speaking and writing skills and the understanding of the Chinese culture. They will focus on intermediate reading, conversation, translation and composition.

*Prerequisites: Mandarin 2200, or Mandarin 12 with B, or assessment by instructor*

*Transferable (refer to transfer guide)*

**MAND 3300 CR-3****Mandarin for Speakers of Other Chinese Dialects I**

Students will learn Mandarin phonetics (including its Pinyin spelling system) and will study the differences between Mandarin and other Chinese dialects in terms of pronunciation, grammar, diction and character writing. They will develop communicative competence in conversational Mandarin through a set of practical situations. Students need to have basic reading and writing skills in the Chinese language to take this course.

*Prerequisites: None. However, students should contact the instructor for assessment if they are not sure of their level.*

*Transferable (refer to transfer guide)*

**MAND 3301 CR-3****Mandarin for Speakers of Other Chinese Dialects II**

Students will review Mandarin phonetics (including the Pinyin spelling system) and study a variety of writings and discourses. They will further develop and refine their aural comprehension and oral fluency in Mandarin Chinese.

*Prerequisites: MAND 2201 or 3300 or assessment by instructor.*

*Transferable (refer to transfer guide)*

**MAND 3310 CR-3****Upper Intermediate Mandarin: Reading and Writing I**

Students will use a communicative approach to reinforce and expand their reading, writing, listening and speaking skills at the upper intermediate level with a special focus on the first two linguistic skills. They will study more complex grammatical structures and vocabulary as well as a variety of topics on social and cultural issues. They will achieve upper intermediate proficiency in both reading and writing in various social and cultural contexts.

NOTE: Students with a competence in the language beyond the level of the course in which they are registered may be required to withdraw.

*Prerequisites: MAND 2201 or MAND 12 with an A or assessment by instructor*

*Transferable (refer to transfer guide)*

**MAND 3311 CR-3****Upper Intermediate Mandarin: Reading and Writing II**

MAND 3311 is a continuation of MAND 3310. Students will use a holistic approach to develop their reading, writing, speaking and listening skills of the Chinese language at the upper intermediate level with a special focus on the first two linguistic skills. They will consolidate their language knowledge with more complex grammatical structures, phrases and idioms. Students will gain more writing skills with various forms in Chinese social and cultural contexts. They will achieve upper intermediate proficiency in both reading and writing with more sophisticated skills and advanced usages

*Prerequisites: MAND 3310 or assessment by instructor*

*Transferable (refer to transfer guide)*

**MAND 3312 CR-3****Chinese Language and Culture Through Film**

Students will acquire an authentic Chinese language and culture experience through viewing and analyzing selected Chinese films. They will use visual scenarios to improve their communication skills in Mandarin and to enhance their understanding of the Chinese culture. This course is conducted in Mandarin.

*Prerequisites: Mandarin 12 with an A or MAND 2201 or higher or assessment by instructor*

*Transferable (refer to transfer guide)*

**MARKETING (MRKT)****MRKT 1199 CR-3****Introduction to Marketing**

Students will learn the fundamentals of marketing and explore the relationships between companies, their customers and their competition. They will examine concepts that are integral to the field of marketing including marketing environment, customer behaviour, marketing research, product analysis, distribution, pricing strategies and promotion. They apply these concepts in solving marketing problems.

*Transferable (refer to transfer guide)*

**MRKT 1220 CR-3****Dynamic Selling**

In this course, students make an intensive study of the theory and practice of personal selling, during which they will practice their selling skills on local companies. The course also briefly examines the main aspects of the sales management function.

**MRKT 1235 CR-3****Small Business Essentials**

Students will learn the fundamentals of small business ownership in a Canadian context. They will learn business-planning essentials such as environmental and marketing analysis, ownership options, operational design, production, and finance to facilitate integration of these into a business plan. They will also learn a variety of challenges associated with managing an ongoing firm.

*Transferable (refer to transfer guide)*

**MRKT 1299 CR-3****Consumer Behaviour**

Students will explore buyer behaviour and motivation using key theories from various social sciences (including Anthropology, Sociology and Psychology) and apply these theories in contemporary marketing situations.

*Prerequisites: MRKT 1199*

*Transferable (refer to transfer guide)*

**MRKT 2111 CR-3****Introduction to e-marketing**

Students will learn the techniques and principles of e-marketing in the rapidly changing Internet environment. Students will study and evaluate various business models employing e-marketing strategies with a range of outcomes. Students will learn about fundamental business and marketing concepts, consumer behaviour, strategic objective setting, channel structures and examine such roles in the Internet environment.

*Prerequisites: MRKT 1199 and MRKT 1299*

**MRKT 2321 CR-3****Retail Management I**

Students will be introduced to both theoretical knowledge and practical skills in retailing including consumer behaviour, store design and layout, merchandise planning, retail pricing strategy, advertising and selling. They will apply these concepts both in the classroom and in junior retail positions.

*Prerequisites: MRKT 1199 and 1299*

**MRKT 2333 CR-3****Marketing Management I**

Students will learn to combine fundamental marketing concepts with proven organizational management practices. Particular attention is focused on the planning process, innovation and product development, and managerial control. This material is approached using lectures and case studies.

*Prerequisites: MRKT 1299 and (ACCT 1230 or MATH 1115 or PSYC 2300)*

*Transferable (refer to transfer guide)*

**MRKT 2340 CR-3****Marketing Research**

Students will learn the theory and practice of marketing research as an aid to management decision-making. They will work on a "real-life" research project.

*Prerequisites: MRKT 1299 and (ACCT 1230 or MATH 1115 or PSYC 2300)*

*Transferable (refer to transfer guide)*

**MRKT 2360 CR-3****Selling and Sales Management**

This course begins with the theory and skills of professional selling and leads to a practical selling project. Students are introduced to basic selling processes, including prospecting, needs analysis, and formal sales presentations. Students will undertake a "real life" sales project that will require them to meet activity and sales targets. The sales management function is also examined in depth.

*Prerequisites: MRKT 1199*

*Transferable (refer to transfer guide)*

**MRKT 2401 CR-3****Advertising**

This course introduces the field of contemporary advertising and promotion in Canada. The client/agency relationship is analyzed and the current theory and practice of developing an overall communications program is examined. Students work in teams on a project to develop an advertising proposal for a local marketing organization.

*Prerequisites: MRKT 1299 or MRKT 1230*

**MRKT 2421 CR-3****Retail Management II**

Students will learn advanced retail merchandising and management concepts including relationship retailing, retail operations for small firms, non store based and non-traditional retailing, integrating and controlling retail strategy, they will also apply these concepts in an actual retail situation.

*Prerequisites: MRKT 1199 and MRKT 1299 and MRKT 2321*

**MRKT 2444 CR-3****Marketing Management II**

Students will apply marketing principles and methods from previous courses in the preparation of a detailed professional marketing plan for a real client. Strong emphasis is placed on analytical, critical thinking and research skills as well as a solid application of marketing concepts as students develop and present their detailed marketing plan. For much of the semester, students will work independently in the field and one-on-one with the instructor.

*Prerequisites: MRKT 2333 and MRKT 2340*

*Transferable (refer to transfer guide)*

**MRKT 2455 CR-3****International Marketing**

This course focuses on the marketing functions of the export process used in small-to-medium sized firms. Among the topics covered are: marketing and the export process; the international marketing environment; government and private sources of assistance; international market research; product adaptation decisions; alternative distribution methods; pricing and payment procedures; and cross-cultural promotion issues. The course emphasized integrating these decision areas into a coherent international marketing plan.

*Prerequisites: MRKT 1299*

*Transferable (refer to transfer guide)*

**MRKT 3211 CR-3****Managing the Communication Process**

Students will learn the essential project management skills associated with strategic planning, briefing creative services, and delivering creative projects through a variety of traditional and modern marketing media. They will learn how key messages and graphic standards are delivered effectively and consistently to achieve marketing objectives.

**MRKT 3240 CR-3****Marketing Information Management**

Students will learn to collect, analyze and interpret data available from a variety of sources, internal and external to the organization, to uncover the marketing insights that will provide competitive advantage for an organization. Students will use contemporary data tools and emerging information technologies of marketing information management.

*Prerequisites: ENTR 3120 Managerial Accounting is highly recommended.*

**MRKT 3311 CR-3****Marketing in a Digital World**

Students will learn the key business and technological elements of digital marketing explained through theory and business case analysis. Students will become familiar with a variety of online marketing tools (new media) that support the online marketing functions that help drive traffic to a website, improve conversion rates, and achieve overall marketing objectives.

**MRKT 4160 CR-3****Business Development**

Students will learn to manage and direct the sales function to achieve organizational goals. They will develop consultative selling skills through study of key account management, group negotiations, and the preparation of proposals and quotations. Students will study leadership and managing a sales force, sales channels and the importance of strategic alliances which will prepare students to assume sales leadership roles in the organization.

### **MRKT 4177 CR-3**

#### **Contemporary Issues in Marketing**

Students will analyze and gain insight into significant contemporary marketing issues such as globalization and cross-cultural marketing, online marketing and e-commerce, modern corporate culture, outsourcing and marketing and business ethics. Students will interact with guest speakers, plan and lead seminar discussions, research and analyze contemporary marketing strategies and theories, and produce and present a comprehensive research project.

*Prerequisites: 60 credits at the 1100 or higher level including ENGL 1100 and MRKT 1199*

### **MRKT 4201 CR-3**

#### **Integrated Marketing Communication**

Students will learn the fundamentals of market segmentation, positioning and targeting while acquiring skills in the alignment of all aspects of an organization's communication, covering a complete range of target audiences, to create a coherent integrated communication program. They will manage the organization's brand identity and communication with consumers, media, governments, employees, shareholders and community groups. Students will learn how to use a comprehensive variety of communication options in order to maximize return-on-marketing investment.

*Prerequisites: MRKT 3211 and MRKT 3311*

### **MRKT 4330 CR-6**

#### **Bachelor Business Administration in Marketing - Practicum**

Students will apply marketing theory to undertake a major marketing analysis and develop a detailed marketing plan for an operational client/organization. They will practice the integration of marketing and business concepts learned throughout the degree; manage, design, prepare and present a comprehensive project that will meet the requirements of the operational organization. Students will develop and complete substantial primary research, that includes the design, implementation, and analysis of the client's marketing issue. They will develop a marketing plan that will be fully costed with all numbers justified. Students will provide recommendations that will have metrics attached to it so the operational organization/client can measure the success or failure of the activity undertaken.

Student teams will develop, launch and manage an online business or participate in a competitive marketing business simulation program. The teams will make decisions and be held accountable for them through achievement of specified measurable Web Analytics, profit and loss results and other metrics in a competitive team environment.

*Prerequisites: ENTR 3000 and ENTR 3110 and ENTR 3120 and ENTR 3130 and ENTR 3140 and ENTR 3150 and ENTR 4110 and MRKT 3240 and MRKT 4160 and MRKT 4201*

*Co-requisites: MRKT 4177 MRKT 4177*

## **MASONRY (MSRY)**

### **MSRY 1001 CR-1.5**

#### **Masonry History and Communication**

Students will describe the evolution of the bricklaying trade and will identify major historical architecture. They will know the role of the apprentice, business and labour organizations, and will recognize the responsibilities of employers and employees. Students will also learn to identify employability and leadership skills required in the bricklaying industry.

### **MSRY 1005 CR-2.5**

#### **First Aid and Safety in the Masonry Trade**

Students will demonstrate the operation of forklift equipment and concrete fasteners and powder-actuated tools. They will be familiar with Workers' Compensation and WHMIS standards and procedures. Students will be able to describe recommended working and safety practices in the masonry trade and will complete a certificate in first aid.

*Prerequisites: MSRY 1001*

### **MSRY 1010 CR-3**

#### **Materials in the Masonry Trade**

Students will describe and demonstrate the storage, mixing and application of the five types of mortar with respect to type of brick and block. They will identify the characteristics of mortar, brick and block. Students will demonstrate the construction of masonry units, and will describe the development of mortar.

*Prerequisites: MSRY 1005*

### **MSRY 1015 CR-2**

#### **Mortar, Grout, Layout and Construction in Brick Masonry**

Students will demonstrate the appropriate use of mortar and grout in the layout and construction of projects. They will use the appropriate blocks, stone, and bricks in layout and projects, and will identify employability and leadership skills required in the bricklaying industry.

*Prerequisites: MSRY 1010*

*Co-requisites: MSRY 1120 MSRY 1120*

### **MSRY 1020 CR-3**

#### **Hand Tools**

Students will demonstrate competent use and handling of hand tools in the brick masonry trade, including, levels, jointers, slickers, hand saws, mash hammers and chisels, pointing trowels, line pins and masonry line. They will also demonstrate safe procedures in the handling of hand tools.

*Prerequisites: MSRY 1015*

### **MSRY 1025 CR-3**

#### **Power Tools and Related Equipment**

Students will demonstrate use and handling of power tools including masonry saws, cement mixers, power handsaws, grinders, power jointers, vibrators, compactors, and palette jacks. They will also demonstrate safe and effective procedures in the erection and dismantling of scaffolding.

*Prerequisites: MSRY 1020*

### **MSRY 1030 CR-3**

#### **Basic Blueprint Reading, Estimating and Layout**

Students will demonstrate the ability to interpret building codes and symbols used in the brick masonry trade. They will also demonstrate their understanding of terminology and construction drawings to a level where they can proceed with the layout to complete a project.

## **MATH FOR TRADES (MATT)**

### **MATT 1002 CR-.5**

#### **Math for Building Trades 1**

First-year apprenticeship students in masonry and carpentry will learn the basic math needed for those trades.

**MATT 1004 CR-5****Math for Building Trades 2**

Second-year apprenticeship students in masonry and carpentry will learn the measurement skills and related formulas needed for those trades.

*Prerequisites: MATT 1002*

**MATT 1006 CR-5****Math for Building Trades 3**

Third-year apprenticeship students in masonry and carpentry will learn the estimating skills and related formulas needed for those trades.

*Prerequisites: MATT 1004*

**MATT 1008 CR-5****Math for Building Trades 4**

Fourth-year apprenticeship students in masonry and carpentry will review all the math skills needed for those trades. They will also learn the math and science underlying safe use of job-related rigging and lifting machines.

*Prerequisites: MATT 1006*

**MATT 1010 CR-1****Math for Entry Level Building Trades**

Entry-level students in masonry and carpentry will learn the basic math needed for those trades. They will also learn the math and science underlying safe use of job-related rigging and lifting machines.

*Prerequisites: ABEM 0008 or MATP 1008 or Essentials of Math 11 (C) or assessment*

**MATT 1015 CR-3 (formerly MFAB 1106)****Mathematics/Science for Manufacturing and Mechanical Trades 1**

Students will learn to use whole numbers, decimals, fractions, proportions, percentages, equations, formulas, measurement, geometry, Pythagoras' theorem and right angle trigonometry in the context of manufacturing and mechanical trades. They will apply electrical, metallurgical, and other scientific principles and will be prepared to the National Occupational Analysis standard for these trades.

*Prerequisites: ABEM 0008 or MATP 1008 or Vocational Placement Test*

**MATT 1025 CR-3 (formerly MFAB 1205)****Mathematics/Science for Manufacturing and Mechanical Trades II**

Students will apply the principles of geometric constructions, Pythagoras' theorem, and trigonometry to the manufacturing and mechanical trades, and will use these principles to solve fabrication layout problems and to estimate manufacturing costs using industry-standard methods. They will apply electrical, metallurgical, and other scientific principles. Students will be prepared to the National Occupational Analysis standard for these trades.

*Prerequisites: MATT 1015 or MFAB 1105 or MFAB 1106 or permission of the instructor*

**MATT 1081 CR-1.5****Basic Mathematics for Welders**

Welding students in level C will learn the basic math skills needed in this trade. They will learn to apply these skills in various situations, including calculations for safe rigging and lifting.

*Prerequisites: ABEM 0008 or MATP 1008 or Essentials of Math 11 (C) or assessment*

**MATHEMATICS (MATH)****MATH 1112 CR-3****Pre-Calculus Algebra**

Students will study the concept of function in depth. In particular they will study polynomial, rational, exponential, logarithmic and trigonometric functions, and their graphs.

*Prerequisites: (MATQ 1093 or MATH 1117) or (ABEM 0011 or MATP 1011 or MATQ 1099 with a B-) or Pre-calculus 12 with a C; or Principles of Mathematics 12 with a C; or Pre-calculus 11 with a B; or Principles of Mathematics 11 with a B; or Pre-calculus 11 with a C plus Mathematics Placement Test; or Principles of Mathematics 11 with a C plus Mathematics Placement Test; or Pre-calculus 12 with a P plus Mathematics Placement Test; or Principles of Mathematics 12 with a P plus Mathematics Placement Test; or Applications of Mathematics 12 with a C plus Mathematics Placement Test; or Applications of Mathematics 11 with a C plus Mathematics Placement Test Transferable (refer to transfer guide)*

**MATH 1115 CR-3****Statistics I**

Students will summarize and display data and perform inferences about proportions, means and standard deviations for one and two populations. They will also perform regression analysis, and determine probabilities.

*Prerequisites: MATQ 1093 or MATH 1117 or (ABEM 0011 or MATP 1011 or MATQ 1099 with a B-); or Pre-calculus 12 with a C; or Principles of Mathematics 12 with a C; or Pre-calculus 11 with a B; or Principles of Mathematics 11 with a B; or Pre-calculus 11 with a C plus Mathematics Placement Test; or Principles of Mathematics 11 with a C plus Mathematics Placement Test; or Pre-calculus 12 with a P plus Mathematics Placement Test; or Principles of Mathematics 12 with a P plus Mathematics Placement Test; or Foundations of Math 12 with a C; or Foundations of Math 11 with a B; or Applications of Mathematics 12 with a C plus Mathematics Placement Test; or Applications of Mathematics 11 with a C plus Mathematics Placement Test Transferable (refer to transfer guide)*

**MATH 1116 CR-3****Mathematical Explorations**

Students will study the structure and development of Mathematics from the point of view of the non-mathematician. They will study historical material on the development of classical mathematical ideas as well as the evolution and structure of more recent mathematics, gaining an appreciation of historical and contemporary mathematical thinking.

This is an exploratory course in mathematics for students who have minimal mathematical background and whose major interests lie outside of the sciences. This course can be used to partially fulfill the quantitative requirement of the BA degree. It may not be used as a prerequisite for further Mathematics courses.

*Prerequisites: MATQ 1093 or MATH 1117 or (ABEM 0011 or MATP 1011 or MATQ 1099 with a B-) or Principles of Mathematics 11 with a C or Applications of Mathematics 11 with a C; or Pre-calculus 11 with a C or Foundations of Math 11 with a C Transferable (refer to transfer guide)*

**MATH 1117 CR-3****Environmental Mathematics**

Students will study algebraic concepts and methods, making use of them in general and environmental problem solving. They will study basic geometry and trigonometry, as well as functions (polynomial, rational, exponential, and logarithmic).

*Prerequisites: MATQ 1092 or ABEM 0010 or MATP 1010; or Pre-calculus 12 with a P; or Principles of Mathematics 12 with a P; or Pre-calculus 11 with a C; or Principles of Mathematics 11 with a C; or Applications of Mathematics 12 with a C; or Foundations of Math 11 with a C+; or Mathematics Placement Test Transferable (refer to transfer guide)*

**MATH 1120 CR-3****Differential Calculus**

Students will learn to differentiate algebraic and elementary transcendental functions and to apply these skills to graphing, maxima and minima, related rates, and rectilinear motion. They will be introduced to parametric curves and their differential calculus

*Prerequisites: MATH 1112 or Pre-calculus 12 with a B; or Principles of Mathematics 12 with a B; or Pre-calculus 12 with a C plus Mathematics Placement Test; or Principles of Mathematics 12 with a C plus Mathematics Placement Test Transferable (refer to transfer guide)*

**MATH 1130 CR-3****Calculus for Life Sciences I**

Students will study differential calculus and its applications to biological sciences. In particular, they will study limits and differentiation of algebraic and elementary transcendental functions, with applications to graphing, optimization, and growth and decay.

*Prerequisites: MATH 1112 or Pre-calculus 12 with a C+; or Principles of Mathematics 12 with a C+; or Pre-calculus 12 with a C plus Mathematics Placement Test; or Principles of Mathematics 12 with a C plus Mathematics Placement Test Transferable (refer to transfer guide)*

**MATH 1135 CR-3****Problems and Concepts**

Students will develop skills in solving mathematical problems. They will study propositional and quantifier logic and apply this knowledge to solving problems and to elementary set theory, including relations and functions.

*Prerequisites: Pre-calculus 11 with a B; or Principles of Mathematics 11 with a B; or Pre-calculus 12 with a C; or Principles of Mathematics 12 with a C*

*Co-requisites: MATH 1112 (not required if you have Pre-calculus 12 with a C+ or Principles of Mathematics 12 with a C+) MATH 1112 (not required if you have Pre-calculus 12 with a C+ or Principles of Mathematics 12 with a C+) Transferable (refer to transfer guide)*

**MATH 1140 CR-3****Calculus I (Business Applications)**

Students will study the differentiation of algebraic and elementary transcendental functions and apply these skills to graphing, finding maxima and minima and solving problems in business, economics and social sciences. Students will also study first and second order partial derivatives

*Prerequisites: MATH 1112 or Pre-calculus 12 with a C+; or Principles of Mathematics 12 with a C+; or Pre-calculus 12 with a C plus Mathematics Placement Test; or Principles of Mathematics 12 with a C plus Placement Test Transferable (refer to transfer guide)*

**MATH 1152 CR-3****Matrix Algebra for Engineers**

Students will solve systems of linear equations, and study the algebra of matrices, determinants, invertibility, eigenvalues and eigenvectors, diagonalizability and systems of linear Ordinary Differential Equations (ODE's). They will study the geometry of Euclidean space, dot and cross products, the arithmetic of complex numbers, exponentials and logarithms of complex numbers, and the complex plane. Students will use a Computer Algebra System to solve problems in matrix algebra.

*Prerequisites: (MATH 1120 or MATH 1130 with a C+) or (MATH 1140 with a B-) or MATH 1230 or MATH 1240 Transferable (refer to transfer guide)*

**MATH 1190 CR-4****Mathematics for Elementary School Teachers**

Students will study the theory and applications of arithmetic, geometry and data analysis (statistics). This course is designed for students planning a career as an elementary school teacher.

*Prerequisites: Students who satisfy either (1) or (2) below are eligible to take MATH 1190. (1) MATH 1112 or Pre-calculus 12 with a C+; or Principles of Mathematics 12 with a C+ ; or Pre-calculus 12 with a C plus Mathematics Placement Test; or Principles of Mathematics 12 with a C plus Mathematics Placement Test OR (2) 18 Kwantlen Polytechnic University credits numbered 1100 or higher (or equivalent), or any university degree that is recognized by Kwantlen Polytechnic University, plus [MATQ 1093 or MATH 1115 or 1116 or 1117; or (MATP 1011 or ABEM 0011 or MATQ 1099 with a B-); or Pre-calculus 12 with a C; or Principles of Mathematics 12 with a C; or Pre-calculus 12 with a P plus Mathematics Placement Test; or Principles of Mathematics 12 with a P plus Mathematics Placement Test; or Pre-calculus 11 with a B; or Principles of Mathematics 11 with a B; or Pre-calculus 11 with a C plus Mathematics Placement Test; or Principles of Mathematics 11 with a C plus Mathematics Placement Test; or Foundations of Math 12 with a C; or Foundations of Math 11 with a B]*  
*Transferable (refer to transfer guide)*

**MATH 1220 CR-3****Integral Calculus**

Students will learn to integrate algebraic and elementary transcendental functions and to apply these skills to appropriate problems. In addition, they will learn the fundamental theorem of calculus, the integral calculus of parametric curves, Taylor polynomials, sequences and series and simple differential equations.

*Prerequisites: MATH 1120 or MATH 1130 with C + or better or MATH 1140 with a B- or better*  
*Transferable (refer to transfer guide)*

**MATH 1230 CR-3****Calculus for Life Sciences II**

Students will study integral calculus and its applications to biological sciences. In particular, they will study the indefinite and definite integral, functions of several variables, differential equations, and probability theory, with applications to biological problems.

*Prerequisites: MATH 1140 with a C+ or better or MATH 1120 or MATH 1130*  
*Transferable (refer to transfer guide)*

**MATH 1240 CR-3****Calculus II (Business Applications)**

Students will study the integration of algebraic and elementary transcendental functions and apply these skills to solving problems in business, economics and social sciences. They will also study multivariate differential calculus, differential equations, matrix algebra and linear programming.

*Prerequisites: MATH 1120 or MATH 1130 or MATH 1140*  
*Transferable (refer to transfer guide)*

**MATH 2232 CR-3****Linear Algebra**

Students will study systems of linear equations, matrices, determinants, eigenvalues and eigenvectors, dot products, the Gram-Schmidt process, vector and scalar projections, lines and planes in Euclidean space. Students will also study vector spaces, including general vector spaces and subspaces, linear independence, spanning sets, bases, and linear transformations. Students will write simple proofs.

*Prerequisites: MATH 1120 or (MATH 1130 with a C+) or (MATH 1140 with a B-) or MATH 1230 or MATH 1240*  
*Transferable (refer to transfer guide)*

**MATH 2315 CR-3****Probability and Statistics**

Students will study introductory probability and statistics using a background of calculus. Topics include concepts of randomness, probability, probability distributions for discrete and continuous random variables, descriptive statistics, multivariate distributions, laws of expectation, functions of random variables, sampling, statistical inference, and hypothesis testing.

*Prerequisites: MATH 1220 or MATH 1230 or MATH 1240*  
*Transferable (refer to transfer guide)*

**MATH 2321 CR-3****Multivariate Calculus (Calculus III)**

Students will study the calculus of three dimensions. They will study surfaces, differentiation, partial derivatives including the Chain Rule, differentials, curves and tangents, optimization including Lagrange Multipliers, double and triple integrals, in polar, cylindrical, spherical and general coordinate systems as well, applications, and use of computer algebra software.

*Prerequisites: MATH 1220 or MATH 1230 with a C+ or better or MATH 1240 with a B-*  
*Transferable (refer to transfer guide)*

**MATH 2331 CR-3****Introduction to Analysis**

Students will study the theory that underlies differential and integral calculus. In particular, they will study real numbers, limits of sequences, limits of functions, continuity, and will learn how to construct proofs involving these concepts

*Prerequisites: MATH 1220 or (MATH 1230 with a C+) or (MATH 1240 with a B-)*  
*Transferable (refer to transfer guide)*

**MATH 2335 CR-3****Statistics for Life Sciences**

Students will learn statistical techniques and their application to life sciences. They will study descriptive statistics, elementary probability, random variables, probability distributions, in particular, the binomial, normal, t and chi-square distributions, confidence intervals and hypothesis testing for population means, proportions and variances, as well as for differences in population means and proportions. Students will also study linear regression.

*Prerequisites: MATH 1130 or MATH 1120 or MATH 1140*  
*Transferable (refer to transfer guide)*

**MATH 2341 CR-4****Introduction to Statistics for Business**

Students will learn statistical techniques and their application to business and economics. They will study descriptive statistics, elementary probability, random variables, sampling distributions, linear regression, correlation, estimation and hypothesis testing. They will also learn how to apply statistical software to descriptive and inferential statistics. Distributions studied will include binomial, normal, t- and chi-square distributions.

*Prerequisites: 15 credits numbered 1100 or higher and MATH 1120 or MATH 1130 or MATH 1140*

*Transferable (refer to transfer guide)*

**MATH 3150 CR-3****The Structure of Mathematics**

Students will study the underlying structure of mathematics, including mathematical symbolism, introduction to set theory and introduction to logic. They will develop an understanding of methods of proof and an appreciation for the structure of mathematics.

*Prerequisites: [MATH 1220 or (MATH 1230 with a C+) or (MATH 1240 with a B-)] and MATH 2232*

*Transferable (refer to transfer guide)*

**MATH 3160 CR-3****Group Theory**

Students will study the fundamental concepts and results of group theory. They will study groups and subgroups, Lagrange's theorem, homomorphisms, normal subgroups, factor groups, Cauchy's theorem and direct products.

*Prerequisites: [MATH 1220 or (MATH 1230 with a C+) or (MATH 1240 with a B-)] and MATH 2232*

*Transferable (refer to transfer guide)*

**MATH 3250 CR-3****Geometry**

Students will study Euclidean and other geometries, and construct geometrical proofs and objects. They will apply geometric concepts and reasoning to practical problems.

*Prerequisites: [MATH 1220 or (MATH 1230 with a C+) or (MATH 1240 with a B-)] and MATH 2232*

*Transferable (refer to transfer guide)*

**MATH 3322 CR-3 (formerly MATH 2322)****Vector Calculus (Calculus IV)**

Students will study the calculus of vector valued functions and vector fields. They will study derivatives of vector valued functions, the chain rule, Jacobians and invertibility, differential operators, line integrals and Green's theorem, surface integrals including divergence and Stokes' theorems, path independence and conservative fields and potentials.

*Prerequisites: (MATH 2232 or MATH 1152) and MATH 2321*

*Transferable (refer to transfer guide)*

**MATH 3421 CR-3 (formerly MATH 2421)****Ordinary Differential Equations**

Students will study solving first order differential equations, Laplace transforms, systems of linear differential equations, plane autonomous systems and stability, and applications of differential equations. Students will also use a computer algebra system and graphical methods in studying differential equations.

*Prerequisites: [MATH 1220 or (MATH 1230 with a C+) or (MATH 1240 with a B-)] and (MATH 2232 or 1152)*

*Transferable (refer to transfer guide)*

**MATH 3450 CR-3****History of Mathematics**

Students will study the aspects of the history of mathematics from its earliest beginnings in solving concrete problems through the development of abstraction and rigour in the nineteenth and early twentieth centuries. They will examine and analyze both the growth of ideas and the context in which they developed, with emphasis on the mathematics taught in secondary school and the first two years of university study.

*Prerequisites: [MATH 1220 or (MATH 1230 with a C+) or (MATH 1240 with a B-)] and MATH 2232*

*Transferable (refer to transfer guide)*

**MATH 4150 CR-3****Number Theory**

Students will study the following topics: divisibility, properties of types of integer numbers, primes, congruences, Diophantine equations, primitive roots, and quadratic residues.

*Prerequisites: [MATH 1220 or (MATH 1230 with a C+) or (MATH 1240 with a B-)] and MATH 2232*

*Transferable (refer to transfer guide)*

**MATH 4190 CR-3****Introduction to Point-Set Topology**

Students will study the fundamental concepts and results of point-set (general) topology. They will study sets, relations and functions, order, cardinality, Axiom of Choice, topological spaces, bases and subbases, continuity and homeomorphisms, metric spaces, countability and compactness.

*Prerequisites: [MATH 1220 or (MATH 1230 with a C+) or (MATH 1240 with a B-)] and MATH 2232 and MATH 2331*

*Transferable (refer to transfer guide)*

**MATH 4250 CR-3****Special Topics in Mathematics**

Students will study a particular advanced topic in mathematics, depending upon student interest and faculty availability.

Note: Students may take this course multiple times for further credit on different topics.

*Prerequisites: [MATH 1220 or (MATH 1230 with a C+) or (MATH 1240 with a B-)] and MATH 2232*

*Transferable (refer to transfer guide)*

**MATH 4350 CR-3****Senior Project**

Students will complete a substantial research project under the supervision of an instructor. They will identify relevant sources of information, in the form of a literature search and review, and submit a final paper investigating a research question.

Note: The student's topic must be approved by the Mathematics Department.

*Prerequisites: 9 MATH credits at the 3000-level or higher*

*Transferable (refer to transfer guide)*



# MATHEMATICS QUALIFYING (MATQ)

## MATQ 1091 CR-3

### Basic Mathematics

Students will briefly review fundamental arithmetic. They will then study the following topics in beginning algebra: introductory statistics, signed numbers, evaluation of expressions, solution of equations and inequalities, and word problems with one variable. They will also learn basic geometry, introductory trigonometry, and measurement with an emphasis on metric conversion.

## MATQ 1092 CR-3 (formerly MATP 1010)

### Introductory Algebra

Students will briefly review fundamental arithmetic and descriptive statistics. They will focus on a study of algebra, word problems, graphs, measurement, geometry and right-triangle trigonometry, with an introduction to logic and sets. Students will upgrade their mathematics skills and understanding in preparation for an applied or academic program.

*Prerequisites: Math 10 (C) or Applications or Principles of Mathematics 11 (P) or ABEM 0009 or MATP 1009 or MATQ 1091 or ABEM 0008 or ACP Assessment Test or Mathematics Placement Test*

## MATQ 1093 CR-3

### Intermediate Algebra

Students will study algebraic concepts and methods, making use of them in problem solving. They will study polynomial, rational, exponential, logarithm and trigonometric functions.

*Prerequisites: Prerequisites: MATQ 1092 or MATP 1010 or ABEM 0010, or Pre-calculus 12 with a P; or Principles of Mathematics 12 with a P; or Pre-calculus 11 with a C; or Principles of Mathematics 11 with a C; or Applications of Mathematics 12 with a C; or Foundations of Math 11 with a C+; or Mathematics Placement Test*

## MATQ 1099 CR-3 (formerly MATP 1011)

### Qualifying Studies Math

Students planning to enter Bachelors' and other programs will use this as a qualifying course. They will learn algebra, with an emphasis on problem solving. Students will be introduced to functions, systems of equations, polynomials, quadratic functions, inequalities, and radical and rational expressions. They will also be introduced to exponential and logarithmic functions or descriptive statistics or probability.

*Prerequisites: Math 10 (B) or Principles of Math 11(P) or Applications of Math 11(C) or ABEM 0010 or MATP 1010 or MATQ 1092 or ACP Assessment or Mathematics Placement Test.*

# METAL FABRICATION (MFAB)

## MFAB 1100 CR-2.5

### Safe Working Procedures

Students will use personal protective equipment, adhere to applicable safety regulations and use fire suppression equipment. They will employ safe lifting techniques, use cranes, lift trucks and material handling equipment, as well as tie knots, bends, and hitches in ropes to be used in the rigging of equipment. Students will use safety procedures to erect ladders and scaffolding and investigate the common causes of accidents in metal fabrication shops and job sites and address special precautions to be taken in adverse weather conditions.

*Co-requisites: MFAB 1105 MFAB 1105*

## MFAB 1110 CR-2

### Trade-specific Tools

Students will select and use appropriate tools for various tasks with an emphasis on safety. They will complete various assignments and projects using hand tools, bench and hand grinders, portable power tools, and drill presses specific to the metal fabrication industry.

*Prerequisites: MFAB 1100*

*Co-requisites: MFAB 1105 MFAB 1105*

## MFAB 1115 CR-2

### Basic Stationary Power Equipment

Students will operate metal fabrication equipment including power shears, power brake press, power plate rolls, ironworker, pipe cutters, hole punches, and power metal saws. They will safely complete various basic projects using stationary shop equipment as they relate to the metal fabrication industry.

*Prerequisites: MFAB 1100*

*Co-requisites: MFAB 1105 MFAB 1105*

## MFAB 1120 CR-2

### Oxy-fuel and Cutting Equipment

Students will assemble and disassemble cutting equipment and use safety procedures for oxy-fuel equipment. They will use oxy-fuel equipment to heat and cut various plate and structural shapes and pipe smoothly and accurately, with hand-held torches and machines.

*Prerequisites: MFAB 1100*

## MFAB 1125 CR-2.5

### Welding for Metal Fabrication

Students will learn the theory of oxy-fuel and arc welding. They will weld various gauges of metal with oxy-fuel, and arc weld various shapes of metal using Shielded Metal Arc Welding (SMAW) and Gas Metal Arc Welding (GMAW) practices. Students will learn the theory of air carbon arc cutting and plasma arc cutting, and will use air carbon arc cutting equipment to complete various practical projects. They will also use mechanical testing equipment for testing weld specimens.

*Prerequisites: MFAB 1120*

*Co-requisites: MFAB 1105 MFAB 1105*

**MFAB 1130 CR-2****Read Basic Drawings**

Students will interpret basic blueprints, and sketch or draw objects in a variety of methods including orthographic projection, isometric projection, and secondary views of objects. They will interpret drafting and welding symbols, multi-view shop drawings as well as basic structural drawings. Students will lay out simple templates, identify common structural shapes, use basic layout terms, and develop patterns using parallel line development.

*Co-requisites: MFAB 1105 MFAB 1105*

**MFAB 1141 CR-4****Basic Metal Fabrication**

Students will perform shop layout tasks, math calculations, and will prepare work orders. They will differentiate among common fitting considerations and procedures, safe work practices, standard allowances, required accuracy, and shop tolerances. Students will complete a variety of metal fabrication practical projects using different types of equipment, metals, and structural shapes. They will utilize common methods of metal preparation for fine finishing of projects and application of a variety of coatings and paints.

*Prerequisites: MFAB 1106 and MFAB 1115 and MFAB 1125*

*Co-requisites: MFAB 1130 MFAB 1130*

**MFAB 1150 CR-1.5****Metallurgy Theory**

Students will describe the effects of heat and stress on metals and differentiate among the types, grades and properties of steels, as well as choose appropriate stress relieving techniques for metals. They will employ standard destructive testing inspection techniques.

**MFAB 1205 CR-3****Advanced Industrial Mathematics/Science**

Students will apply the principles of geometric constructions. Pythagorean theory, and trigonometry to metal fabrication, and will use these principles to solve fabrication layout problems and to estimate manufacturing costs using industry-standard methods. They will apply electrical, metallurgical, and other scientific principles to metal fabrication and non-destructive testing. Students will be prepared to the National Occupational Analysis standard for metal fabrication.

*Prerequisites: MFAB 1105 or MFAB 1106 or permission of the instructor*

## MILLWRIGHT (INDUSTRIAL MECHANIC) (MWIN)

**MWIN 1101 CR-2****Millwright Trade Safety**

Students will address safe work practices and how they pertain to industrial work sites. They will examine the Occupational Health and Safety Regulation and Guidelines of WorkSafeBC applicable to the millwright trade. Students will practice the safe handling and storage methods for materials and equipment. They will participate in weekly toolbox safety orientation sessions. Students will interact with other students on a program safety committee to achieve an effective safe working environment.

**MWIN 1105 CR-2****Print Reading and Sketching**

Students will interpret engineering drawings and sketches and will make decisions pertaining to the manufacture, installation, positioning, and/or maintenance of machines or machine components. They will make standardized sketches of machine shop drawings, machine installation drawings, assembly drawings, and detailed engineering drawings. Students will communicate technical information as to the size, shape, construction, and installation details of parts, mechanisms or machines.

*Co-requisites: MWIN 1101*

**MWIN 1111 CR-2****Measuring and Layout Tools**

Students will use a variety of measuring and layout tools. They will use techniques appropriate and necessary to make non-precision and precision measurements in either imperial or metric standard. Students will develop strategies from a blueprint or sketch, then lay out the shapes or objects (parts) for manufacture. They will complete assignments that challenge them to make informed decisions on selection, use, concepts and procedures used with each tool or combination of tools taught. Students will develop an understanding of the need for consistency and accuracy based on equipment use. They will make sketches that use detailed methods of reporting.

*Co-requisites: MWIN 1101*

**MWIN 1121 CR-1****Hand Tools and Bench Work**

Students will develop basic hand skills that are the foundation for becoming a millwright (industrial mechanic) craftsperson. They will complete shop projects that involve bench work to practice hand skills using metal cutting tools, holding tools, striking tools, and assembling tools. Students will develop knowledge and skill in tool identification, tool selection, and tool maintenance.

*Co-requisites: MWIN 1101*

**MWIN 1131 CR-1****Power Hand Tools**

Students will develop and practise the skills required to safely use a large selection of power hand tools used in industrial applications. They will use tools such as electric power tools, pneumatic tools, honing tools, and chain saws. Students will plan and develop strategies to complete projects, and will create written maintenance reports on pieces of equipment or procedures for tool use. They will be certified in the use of selected powder actuated (explosive) tools.

*Co-requisites: MWIN 1121*

**MWIN 1140 CR-4****Machine Tools**

Students will operate machine tools like milling machines, lathes and a variety of other machine tools to produce industrial components/parts. They will develop machining knowledge and skills while accurately producing these various parts to given specifications. Students will use reasoning and problem solving skills to interpret print information, plan machine tool operations and demonstrate safety awareness when using the machine tools.

*Prerequisites: MWIN 1131*

**MWIN 1150 CR-2****Machine Tool Basics**

Students will operate standard machine tools like metal-cutting saws, drilling machines, bench grinders and surface grinders. They will learn machining fundamentals and common methods of machining and shaping parts to meet given specifications. Students will practice common machining techniques to accurately produce shapes of various types on these machine tools. They will use reasoning and problem solving skills to interpret print information, plan machine tool operations and demonstrate safety awareness when using the machine tools.

*Prerequisites: MWIN 1140*

**MWIN 1160 CR-1 (formerly MWIN 1230)****Fasteners and Fittings**

Students will identify and use a wide variety of fasteners to complete assignments that require them to differentiate between thread systems. They will use drawings, parts catalogues and service manuals to locate technical information on fasteners. Students will select the necessary and appropriate hand tools to make bolted and screwed connections and ensure that parts are assembled to specifications.

*Prerequisites: MWIN 1140*

**MWIN 1170 CR-1.5****Metallurgy**

Students will participate in lectures and will work in small discussion groups to examine and differentiate the properties of metals, interpret heat-treatment terms, and learn the requirements for different metal heat-treatments. They will learn the basics of different metal manufacturing processes. Students will experiment with identifying different properties of metals and non-metals, with conducting heat-treatments, and with destructive and non-destructive tests on metal samples in the shop.

*Prerequisites: MWIN 1121*

**MWIN 1180 CR-2.5****Level 1 Welding for Millwrights**

Students will use a variety of welding processes, welding equipment and other metal working tools appropriate and necessary for the task of joining metals. They will learn and practise procedures, terminology and appropriate safety precautions, as applied to oxy-acetylene use and shielded metal arc welding processes.

*Prerequisites: MWIN 1103*

**MWIN 1205 CR-1****Lubrication**

Students will study principles of friction, lubrication theory, and the function of lubricating products. They will dismantle, inspect, assemble, and test mechanical lubrication systems for maintenance then complete maintenance reports.

*Prerequisites: MWIN 1120 and 1145 and 1146*

**MWIN 1235 CR-3****Hydraulics**

Students will learn fluid power theory, terms, and basic hydraulic system design attending lectures and working in small groups. They will use computer simulation software and hydraulic training panels to construct and trouble-shoot circuits and examine how system components interact. In the shop students will inspect and reassemble selected hydraulic components.

*Prerequisites: MWIN 1120 and 1145 and 1146*

**MWIN 1240 CR-3****Pneumatics**

Students will learn gas theory and circuit design methodologies while attending lectures and working in small groups. They will use computer simulation software and pneumatic training panels to design, construct, and trouble-shoot circuits and examine how systems components interact. In the shop, students will report on distribution systems, conduct routine compressor inspections, and dismantle, inspect and reassemble pneumatic components.

*Prerequisites: MWIN 1120 and 1145 and 1146*

**MWIN 2105 CR-3.5****Material Handling Systems**

Students will learn principles, concepts, and installation and service procedures of material handling systems. They will use various system names and terminology, identify system construction and function, and explain material handling theory. Students will perform general maintenance and servicing procedures on conveyors, blowers, fans, and loading and unloading systems. They will utilize employability skills and adhere to safe work procedures.

*Prerequisites: MWIN 1215 and 1230*

**MWIN 2155 CR-3 (formerly MWIN 1255)****Machine Components**

They will select the necessary and appropriate hand tools and heating equipment that enable them to practise fitting techniques used in the assembly of individual mating components that machines are made of. Students will participate in lectures and will complete written reports and assignments.

*Prerequisites: MWIN 1230 and 1245 and 1246*

**MWIN 2160 CR-3.5 (formerly MWIN 1260)****Bearings and Seals**

Students in classroom lectures and discussions will explore power transmission fundamentals and solve mathematical and mechanical problems relevant to the power transmission industry. They will work in the shop to practise the fitting and mechanical skills required to disassemble, inspect, analyze, repair and make written technical reports on gear drives, belt drives, clutches, brakes, chain drives and other power drive equipment.

*Prerequisites: MWIN 1205 and 1230*

**MWIN 2165 CR-4 (formerly MWIN 1265)****Power Transmission**

problems relevant to the power transmission industry. They will work in the shop to practise the fitting and mechanical skills required to disassemble, inspect, analyze, repair and make written technical reports on gear drives, belt drives, clutches, brakes, chain drives and other power drive equipment.

*Prerequisites: MWIN 1205 and 1215 and 1230*

**MWIN 2220 CR-3****Basic Industrial Electricity**

Students will learn basic principles of electricity and electromagnetism. They will identify safety problems, solve basic electrical problems and interpret basic electrical circuits for industrial applications. Students will explain industrial control fundamentals and electrical troubleshooting basics. They will learn electrical knowledge to make safe decisions when working on or around electrical equipment. Students will utilize employability skills.

*Prerequisites: MWIN 1246*

# MUSIC (MUSI)

## MUSI 1000 CR-2

### Ensemble Musicianship

This course will give Certificate students an opportunity to learn the basic skills of ensemble rehearsal and performance. The course involves listening skills, practical drills in rhythm and sight reading, and group preparation of exercises and selected repertoire.

*Prerequisites: Acceptance in Certificate program  
Transferable (refer to transfer guide)*

## MUSI 1010 CR-3

### Rudiments of Music I

Students will study the basic written aspects of musical language, including notation in all clefs, intervals, major and minor scales, modes, circle of fifths, basic chord structures, cadences, transposition, rhythm, and basic musical terms. They will develop their skills through writing and through the analysis of representative historical examples.

Note: This course is open to non-music students.

*Transferable (refer to transfer guide)*

## MUSI 1011 CR-3

### Aural Musicianship and Rhythm Training I

This introductory course is for the musician who has had minimal formal musicianship training. It is designed to develop rudimentary aural musicianship through singing English-language folk songs and other composed music. Solfege (moveable doh), hand signs, and rhythm syllables will be taught to assist the student to read, write and hear music. Pentatonic, major and minor scales and the intervals found in those scales will be taught. The beginning skills in improvisation, part-work and conducting will be covered.

*Prerequisites: Acceptance in the Certificate in Music Program or permission of instructor*

*Co-requisites: MUSI 1010 (recommended) MUSI 1010 (recommended)*

*Transferable (refer to transfer guide)*

## MUSI 1013 CR-3

### Listening to Music I

Students will cultivate an understanding of Western music by developing basic aural skills in hearing rhythm, melody, harmony, color, texture, and form. They will do so primarily by listening to and studying representative examples of Western music from the Middle Ages to the time of Haydn and Mozart. To further develop their aural skills, they will attend specified concerts (with costs incurred) and will actively listen to and analyze the performances.

Note: This course is open to non-music students.

*Transferable (refer to transfer guide)*

## MUSI 1014 CR-2

### Introductory Class Piano I

This course includes the study of technique, hand position, finger strengthening, note reading and the study of introductory keyboard harmony, elementary transposition and etudes for the student with no previous keyboard experience.

*Prerequisites: Acceptance into Certificate in Music Program or by permission of the instructor*

*Transferable (refer to transfer guide)*

## MUSI 1017 CR-2

### Kwantlen Strings I (Certificate)

Kwantlen Strings rehearses and performs a wide variety of repertoire from the 16th century to the present, including music from the Pre-Baroque, Rococo, Classical, Romantic, and 20th Century repertoire. Works by composers such as Gabrieli, Corelli, Geminiani, Bach, Handel, Haydn, Mozart, Brahms, Tchaikovsky, Barber, and Vaughan Williams, as well as works by contemporary Canadian composers, will be performed. Placement in ensemble is by audition and/or interview.

*Prerequisites: Ensemble placement according to instrumentation by audition and/or interview in consultation with performance faculty at the discretion of the conductor  
Transferable (refer to transfer guide)*

## MUSI 1018 CR-2

### Kwantlen Wind Ensemble I (Certificate)

The Kwantlen Wind Ensemble rehearses and performs a wind ensemble repertoire from the 16th century to the present, as well as some orchestral transcriptions, marches, musicals and much more. Contemporary works by Canadian composers will be included. Placement in ensemble is by audition and/or interview.

*Prerequisites: Ensemble placement according to instrumentation by audition and/or interview in consultation with performance faculty at the discretion of the conductor  
Transferable (refer to transfer guide)*

## MUSI 1019 CR-2

### Kwantlen Chorus I (Certificate)

The Kwantlen Chorus will rehearse and perform works for large and small ensembles from the 16th century to the present in Western Classical tradition as well as works from the folk, jazz, popular, and musical theatre idioms, with emphasis on Canadian choral compositions. This course is open to all students in the Certificate in Music program.

*Prerequisites: Placement according to voice type by interview*

## MUSI 1020 CR-3

### Rudiments of Music II

This course is a continuation and application of the basic skills developed in Rudiments of Music I including transposition and transcription of more complex musical structures, musical terms, chord building and basic progressions, simple voicing, basic arranging, applied rhythmic patterns, introduction to transposing instruments, basic ornamentation, and rudimentary analysis. This course will also include a continuation of rhythmic practice.

*Prerequisites: MUSI 1010 or permission of instructor  
Transferable (refer to transfer guide)*

## MUSI 1021 CR-3

### Aural Musicianship and Rhythm Training II

This course is a continuation of the skill development begun in MUSI 1011 to develop aural musicianship. Solfege (moveable doh) and hand signs including chromatic alterations will be taught. Modes will be added to the major and minor scales learned the previous semester. Bass lines, and common harmonic progressions from the Classical period will be covered. Skill development in part-work, improvisation, and conducting will be continued.

*Prerequisites: MUSI 1011 or permission of instructor  
Co-requisites: MUSI 1020 and MUSI 1024 (recommended) MUSI 1020 and MUSI 1024 (recommended)  
Transferable (refer to transfer guide)*

**MUSI 1023 CR-3****Listening to Music II**

This course is a continuation of the development of the aural musicianship skills acquired in the first semester including rhythm, melody, harmony, color, texture, and form through examples from the end of the Classical period of music, through the Romantic period to the present day. This course will also include listening to jazz and non-Western musical styles.

*Prerequisites: MUSI 1013 or permission of instructor*  
*Transferable (refer to transfer guide)*

**MUSI 1024 CR-2****Introductory Class Piano II**

This course is a continuation of the development of skills in Class Piano I including the development of technique, simple transpositions, simple sight reading and repertoire.

*Prerequisites: MUSI 1014 or permission of the instructor*

**MUSI 1027 CR-2****Strings II**

Students will rehearse and perform a wide variety of repertoire from the 16th century to the present, including music from the Pre-Baroque, Rococo, Classical, Romantic, and 20th Century repertoire. They will perform works by composers such as Gabrieli, Corelli, Geminiani, Bach, Handel, Haydn, Mozart, Brahms, Tchaikovsky, Barber, and Vaughan Williams, as well as works by contemporary Canadian composers. Placement is by audition and/or interview.

*Prerequisites: MUSI 1017*  
*Transferable (refer to transfer guide)*

**MUSI 1028 CR-2****Wind Ensemble II**

Students will rehearse and perform wind ensemble repertoire from the 16th century to the present as well as some orchestral transcriptions, marches, musicals and much more, including contemporary works by Canadian composers. Placement is by audition and/or interview.

*Prerequisites: MUSI 1018*  
*Transferable (refer to transfer guide)*

**MUSI 1029 CR-2****Chorus II**

Students will rehearse and perform works for large and small ensembles from the 16th century to the present in Western Classical tradition, as well as works from the folk, jazz, popular and musical theatre idioms, with emphasis on Canadian compositions. Entrance by interview and/or audition.

*Prerequisites: MUSI 1019*

**MUSI 1030 CR-2 (formerly MUSI 1015)****Directed Studies in Basic Fretboard Skills I**

Students will develop a basic knowledge of the guitar fretboard in the lower positions. They will study fretboard harmony, scales, and arpeggios, as well as develop music reading skills essential for advanced study in music.

Note: For students whose first instrument is guitar.

*Prerequisites: Audition and/or interview*  
*Co-requisites: MUSI 1105 MUSI 1105*

**MUSI 1033 CR-3 (formerly MUSI 1025)****Directed Studies in Basic Fretboard Skills II**

Students will continue to develop a basic knowledge of the guitar fretboard in the lower and intermediate positions. They will study fretboard harmony, scales, and arpeggios, as well as develop music reading skills essential for advanced study in music.

Note: For students whose first instrument is guitar.

*Prerequisites: MUSI 1030 or permission of the instructor*  
*Co-requisites: MUSI 1205 MUSI 1205*  
*Not Transferable*

**MUSI 1041 CR-2 (formerly MUSI 1016)****Certificate Guitar Chamber Ensemble I**

Students will perform in duos, trios, quartets, and larger works for guitar ensemble. They will study both original classical and jazz compositions, as well as transcriptions.

*Prerequisites: Permission of the instructor*  
*Transferable (refer to transfer guide)*

**MUSI 1042 CR-2 (formerly MUSI 1016)****Certificate Piano Chamber Ensemble I**

Students will be placed in small ensembles for the study, preparation and performance of four-hand and eight-hand piano repertoire and works involving piano and different instrumental or vocal combinations. They will work with an assigned instrumental or vocal partner and will accompany that person in recital and at the final jury.

*Prerequisites: Permission of the instructor*  
*Transferable (refer to transfer guide)*

**MUSI 1043 CR-2 (formerly MUSI 1016)****Certificate Percussion Ensemble I**

Students will study and perform repertoire for percussion instruments of both definite and indefinite pitch. They will also study selected rhythmic systems of world music cultures such as African drumming and Indonesian Gamelan.

NOTE: Both percussion and non-percussion majors may take this course.

*Prerequisites: Permission of the instructor*  
*Transferable (refer to transfer guide)*

**MUSI 1044 CR-2****Certificate Woodwind Chamber Ensemble I**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different woodwind instrument combinations. They will, depending on enrolment and instrument type, work in quartets, quintets, and larger woodwind choirs. In addition, students may work with brass, guitar and/or piano students on mixed chamber repertoire.

*Prerequisites: Permission of the instructor*  
*Transferable (refer to transfer guide)*

**MUSI 1045 CR-3 (formerly MUSI 1016)****Certificate Brass Chamber Ensemble I**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different brass instrument combinations. They will, depending on enrolment and instrument type, work in quartets, quintets, and larger brass choirs. In addition, students may work with woodwind and/or piano students on mixed chamber repertoire.

*Prerequisites: Permission of the instructor*  
*Transferable (refer to transfer guide)*

**MUSI 1046 CR-2 (formerly MUSI 1016)****Certificate Vocal Ensemble 1: Jazz and Madrigal**

Students will study, rehearse and perform vocal repertoire in baroque and jazz styles. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on- and off-campus.

*Prerequisites: Successful audition*  
*Transferable (refer to transfer guide)*

**MUSI 1047 CR-2 (formerly MUSI 1016)****Certificate Jazz Band I**

Students will work on improvisation skills and chart reading in an ensemble setting. They will perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off-campus throughout the semester.

*Prerequisites: Permission of the instructor*  
*Transferable (refer to transfer guide)*

**MUSI 1048 CR-2 (formerly MUSI 1016)****Certificate Jazz Combo I**

Students will work on improvisation skills and chart reading in a small jazz combo setting. They will also prepare and perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off- campus throughout the semester.

*Prerequisites: Permission of the instructor*  
*Transferable (refer to transfer guide)*

**MUSI 1049 CR-2 (formerly MUSI 1016)****Certificate String Chamber Ensemble I**

Students will be placed in small ensembles for the study, preparation and performance of works for string duos, trios and quartets. Students may also be placed in mixed ensembles involving piano, woodwinds and brass. Assignments will vary from semester to semester based on available instrumentation.

*Prerequisites: Permission of instructor*  
*Transferable (refer to transfer guide)*

**MUSI 1051 CR-2 (formerly MUSI 1026)****Certificate Guitar Chamber Ensemble II**

Students will perform in duos, trios, quartets, and larger works for guitar ensemble. They will study both original classical and jazz compositions, as well as transcriptions.

*Prerequisites: MUSI 1041*  
*Transferable (refer to transfer guide)*

**MUSI 1052 CR-2 (formerly MUSI 1026)****Certificate Piano Chamber Ensemble II**

Students will be placed in small ensembles for the study, preparation and performance of four-hand and eight-hand piano repertoire and works involving piano and different instrumental or vocal combinations. They will work with an assigned instrumental or vocal partner and will accompany that person in recital and at the final jury.

*Prerequisites: MUSI 1042*  
*Transferable (refer to transfer guide)*

**MUSI 1053 CR-2 (formerly MUSI 1026)****Certificate Percussions Ensemble II**

Students will study and perform repertoire for percussion instruments of both definite and indefinite pitch. They will also study selected rhythmic systems of world music cultures such as African drumming and Indonesian Gamelan.

NOTE: Both percussion and non-percussion majors may take this course.

*Prerequisites: MUSI 1043*  
*Transferable (refer to transfer guide)*

**MUSI 1054 CR-2 (formerly MUSI 1026)****Certificate Woodwind Chamber Ensemble II**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different woodwind instrument combinations. They will, depending on enrolment and instrument type, work in quartets, quintets, and larger woodwind choirs. In addition, students may work with brass, guitar and/or piano students on mixed chamber repertoire.

*Prerequisites: MUSI 1044*  
*Transferable (refer to transfer guide)*

**MUSI 1055 CR-2 (formerly MUSI 1026)****Certificate Brass Chamber Ensemble II**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different brass instrument combinations. They will, depending on enrolment and instrument type, work in quartets, quintets, and larger brass choirs. In addition, students may work with woodwind, and/or piano students on mixed chamber repertoire.

*Prerequisites: MUSI 1045*  
*Transferable (refer to transfer guide)*

**MUSI 1056 CR-2 (formerly MUSI 1026)****Certificate and Vocal Ensemble II: Jazz and Madrigal**

Students will study, rehearse and perform vocal repertoire in baroque and jazz styles. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on- and off-campus.

*Prerequisites: MUSI 1046 and successful audition*  
*Transferable (refer to transfer guide)*

**MUSI 1057 CR-2 (formerly MUSI 1026)****Certificate Jazz Band II**

Students will work on improvisation skills and chart reading in an ensemble setting. They will perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off-campus throughout the semester.

*Prerequisites: MUSI 1047*  
*Transferable (refer to transfer guide)*

**MUSI 1058 CR-2 (formerly MUSI 1026)****Certificate Jazz Combo II**

Students will work on improvisation skills and chart reading in a small jazz combo setting. They will also prepare and perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off- campus throughout the semester.

*Prerequisites: MUSI 1048*  
*Transferable (refer to transfer guide)*

**MUSI 1059 CR-2 (formerly MUSI 1026)****Certificate String Chamber Ensemble II**

Students will be placed in small ensembles for the study, preparation and performance of works for string duos, trios and quartets. Students may also be placed in mixed ensembles involving piano, woodwinds and brass. Assignments will vary from semester to semester based on available instrumentation.

*Prerequisites: MUSI 1049*

*Transferable (refer to transfer guide)*

**MUSI 1100 CR-3 (formerly MUSI 1010)****Rudiments of Music I**

Students will study the basic written aspects of musical language, including notation in all clefs, intervals, major and minor scales, modes, circle of fifths, basic chord structures, cadences, transposition, rhythm, and basic musical terms. They will develop their skills through writing and through the analysis of representative historical examples.

Note: This course is open to non-music students.

*Transferable (refer to transfer guide)*

**MUSI 1101 CR-2 (formerly MUSI 1011)****Aural Musicianship and Rhythm Training I**

Students will begin the development of elementary musicianship skills, including sight singing, rhythm, conducting, and error detection. They will also begin to acquire the necessary skills for melodic, harmonic, and rhythmic dictation.

Note: This course is open to non-music students.

*Co-requisites: MUSI 1100 (Recommended) MUSI 1100 (Recommended)*

*Transferable (refer to transfer guide)*

**MUSI 1102 CR-2****Music and Computers**

This course will focus on the acquisition of primary and secondary knowledge and skills in the interface between acoustic and electronic instruments and the MIDI-based technology of computer applications to music. Numerous and varied software and hardware configurations will be explored in this non-traditional but comprehensive course.

*Prerequisites: Acceptance into the Certificate in Music Program or permission of the instructor*

*Transferable (refer to transfer guide)*

**MUSI 1103 CR-3 (formerly MUSI 1013)****Listening To Music I**

Students will cultivate an understanding of Western music by developing basic aural skills in hearing rhythm, melody, harmony, color, texture, and form. They will do so primarily by listening to and studying representative examples of Western music from the Middle Ages to the time of Haydn and Mozart. To further develop their aural skills, they will attend specified concerts (with costs incurred) and will actively listen to and analyze the performances.

Note: This course is open to non-music students.

*Transferable (refer to transfer guide)*

**MUSI 1105 CR-2****Major Instrument - Foundation I**

Students will work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of repertoire. Students will also develop a foundation of technical, musical, and sight reading skills essential for advanced study.

*Transferable (refer to transfer guide)*

**MUSI 1112 CR-2****Introduction to the Music Industry**

Students will undertake a comprehensive overview of the music industry as well as familiarize themselves with the factors that contribute to success in the music business. They will also gain an understanding of the inter-relatedness of the many facets of the music industry, an essential element in professional growth, viability, and success.

*Transferable (refer to transfer guide)*

**MUSI 1133 CR-2****Fretboard Studies**

Students will begin to develop a full knowledge of the harmonic and melodic capabilities of the guitar fretboard. They will study fretboard harmony (using four-note chord voicings), scales, and arpeggios, and will cultivate music reading skills in lower and intermediate positions.

Note: For students whose first instrument is guitar. This course is offered every second year.

*Prerequisites: Audition and/or interview*

*Transferable (refer to transfer guide)*

**MUSI 1150 CR-3****The Language of Music I**

Students will review basic musical concepts, including notation, intervals, scales, modes, chords, and rhythm. They will then study elementary acoustics, effective melodic design and begin writing basic four-part harmony. They will see illustrations of all concepts through the analysis of representative historical examples.

*Transferable (refer to transfer guide)*

**MUSI 1151 CR-2****Aural Musicianship I**

Students will work toward the development of essential musicianship skills, including sight singing, rhythm, conducting, error detection, as well as melodic, harmonic, and rhythmic dictation.

*Prerequisites: Acceptance in the Diploma in Music Program or permission of instructor*

*Co-requisites: MUSI 1150 and MUSI 1154 MUSI 1150 and MUSI 1154*

*Transferable (refer to transfer guide)*

**MUSI 1153 CR-3****History of Music I: Antiquity to 1600**

Students will first survey the chronological development of Western art music from ancient times to the present, thus establishing a basic historical framework for further study. They will then examine in greater historical depth the development of Western music from Greek Antiquity to the end of the Renaissance, circa 1600. They will cultivate basic aural skills by actively listening to and analyzing representative works, and will begin to develop the skills the music historian uses in researching and writing about music.

*Prerequisites: RCM Advanced Rudiments (or higher) certificate OR Conservatory Canada Theory 3 (or higher) certificate OR Kwantlen Music Theory Test passed OR equivalent*

*Transferable (refer to transfer guide)*

**MUSI 1154 CR-1****Keyboard Skills I**

Students will begin to develop basic keyboard skills. They will study keyboard harmony (chord progressions and harmonization) and will develop the ability to use simple accompaniment patterns and to harmonize simple melodies. Students will also develop skills in sight-reading and transposition.

*Prerequisites: Acceptance into the Diploma in Music program, and piano skills equivalent to RCM Grade III*

*Co-requisites: MUSI 1150 or permission of instructor MUSI 1150 or permission of instructor*

*Transferable (refer to transfer guide)*

**MUSI 1155 CR-1****Secondary Instrument - I**

Students will work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of repertoire, and on fundamental technical and sight-reading requirements.

Note: Students will normally take no more than four (4) semesters of secondary instrument instruction.

*Prerequisites: Students must successfully pass an audition to meet all requirements of MUSI 1154, MUSI 1254, MUSI 2354, MUSI 2454, or have permission of the department chair.*

*Transferable (refer to transfer guide)*

**MUSI 1156 CR-3****Major Instrument - Performance I**

Students will work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of repertoire, and on fundamental technical and sight-reading requirements.

*Prerequisites: Successful audition*

*Transferable (refer to transfer guide)*

**MUSI 1157 CR-2****Major Instrument - Concentration I**

Students will work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of repertoire, and on fundamental technical and sight reading requirements.

Note: Diploma students will normally take no more than four (4) semesters of private lessons in courses ending in the numbers 56 or 57.

*Transferable (refer to transfer guide)*

**MUSI 1158 CR-2****Piano Repertoire I: The Baroque Period**

Students will undertake a chronological survey and analysis of important string-keyboard solo works from the Baroque era (ca. 1600-ca. 1750). They will study this repertoire from the point of view of the performer and teacher, assessing the music not only on its own terms, but also in the context of the development of string-keyboard instruments themselves, historic performance practices, and sociological trends. Students majoring in piano performance will be required to perform selected repertoire in class.

*Prerequisites: Entrance to the Diploma in Music Program or permission of the instructor*

*Transferable (refer to transfer guide)*

**MUSI 1165 CR-2****Major Instrument - Secondary Level 1**

Students will work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of repertoire, and on technical and sight reading requirements.

**MUSI 1167 CR-2****Kwantlen String Orchestra I**

Students will rehearse and perform a wide variety of orchestral repertoire from the 16th to the 20th century, as well as works by contemporary Canadian composers.

Note: Placement in the ensemble is by audition and interview.

This course is open to all music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: Ensemble placement according to instrumentation by audition and/or interview in consultation with performance faculty at the discretion of the conductor of each ensemble.*

*Transferable (refer to transfer guide)*

**MUSI 1168 CR-2****Kwantlen Wind Ensemble I**

Students will rehearse and perform works of the Wind Literature repertoire from the 16th century to the present day. They will study and perform new works by Canadian composers each semester. Students will perform major works from the 400-year repertoire of Wind Ensemble, Chamber Winds and Brass Ensemble literature.

Note: Placement in ensemble is by audition and/or interview. This course is open to all music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: Ensemble placement according to instrumentation by audition and/or interview in consultation with performance faculty at the discretion of the conductor of each ensemble.*

*Transferable (refer to transfer guide)*

**MUSI 1169 CR-2****Kwantlen Chorus I (Diploma)**

The Kwantlen Chorus will rehearse and perform works for large and small ensembles from the 16th century to the present in the Western Classical tradition, as well as works from the folk, jazz, popular and musical theatre idioms with emphasis on Canadian choral compositions. This course is open to all music majors and other Kwantlen students. Members of the community who wish to gain experience in choral singing and vocal development may participate on a non-credit basis. Entrance is by interview and/or audition.

*Prerequisites: Placement according to voice type by interview*

*Transferable (refer to transfer guide)*

**MUSI 1171 CR-2 (formerly MUSI 1166)****Guitar Chamber Ensemble I**

Students will perform duo, trio, and/or quartet music for guitar ensemble. They will study classical compositions but may also perform arrangements or transcriptions of standard jazz compositions, world, and folk music.

*Prerequisites: Admission to the Diploma in Music program and/or permission of instructor*

*Transferable (refer to transfer guide)*

**MUSI 1172 CR-2 (formerly MUSI 1166)****Piano Chamber Ensemble I**

Students will be placed in small ensembles for the study, preparation and performance of four-hand and eight-hand piano repertoire and works involving piano and different instrumental or vocal combinations. They will work with an assigned instrumental or vocal partner and will accompany that person in recital and at the final jury.

*Prerequisites: Permission of the instructor*

*Transferable (refer to transfer guide)*



**MUSI 1173 CR-2 (formerly MUSI 1166)****Percussion Ensemble I**

Students will study and perform repertoire for percussion instruments of both definite and indefinite pitch. They will also study selected rhythmic systems of work music cultures such as African drumming and Indonesian Gamelan.

NOTE: Both percussion and non-percussion majors may take this course.

*Prerequisites: Permission of the instructor  
Transferable (refer to transfer guide)*

**MUSI 1174 CR-2 (formerly MUSI 1166)****Woodwind Ensemble I**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different woodwind instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger woodwind choirs. They will perform major works from the 400-year repertoire of the woodwind ensemble literature.

*Prerequisites: Permission of the instructor  
Transferable (refer to transfer guide)*

**MUSI 1175 CR-2 (formerly MUSI 1166)****Brass Ensemble I**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different brass instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger brass choirs. They will perform major works from the 400-year repertoire of the brass ensemble literature.

*Prerequisites: Permission of the instructor  
Transferable (refer to transfer guide)*

**MUSI 1176 CR-2 (formerly MUSI 1166)****Vocal Ensemble I: Jazz and Madrigal**

Students will study, rehearse and perform vocal repertoire in baroque and jazz styles. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on- and off-campus.

*Prerequisites: Successful audition  
Transferable (refer to transfer guide)*

**MUSI 1177 CR-2 (formerly MUSI 1166)****Jazz Band I**

Students will work on improvisation skills and chart reading in an ensemble setting. They will perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off-campus throughout the semester.

*Prerequisites: Permission of the instructor  
Transferable (refer to transfer guide)*

**MUSI 1178 CR-2 (formerly MUSI 1166)****Jazz Combo I**

Students will work on improvisation skills and chart reading in a small jazz combo setting. They will also prepare and perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off- campus throughout the semester.

*Prerequisites: Permission of the instructor  
Transferable (refer to transfer guide)*

**MUSI 1179 CR-2 (formerly MUSI 1166)****String Chamber Ensemble I**

Students will study, prepare and perform works for string duos, trios and/or quartets. Students may also work in mixed ensembles involving piano, woodwinds, brass, and/or guitar.

*Prerequisites: Acceptance into the Diploma in Music or permission of instructor  
Transferable (refer to transfer guide)*

**MUSI 1180 CR-2****Opera Workshop Ensemble I**

Students will study, rehearse and perform staged solo, small ensemble and chorus repertoire from a variety of musical styles, including Opera, Oratorio, Musical Theatre and Operetta. Students will perform in concerts both on and off campus.

Note: Students will be required to perform in a variety of languages.

*Prerequisites: Placement according to voice type or successful audition  
Transferable (refer to transfer guide)*

**MUSI 1181 CR-2****Kwantlen Chamber Singers I**

Students will study, rehearse and perform chamber choir repertoire in a variety of musical styles, ranging from Renaissance to the present day. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on and off campus.

Note: Students may perform in a variety of languages

*Prerequisites: Successful audition  
Transferable (refer to transfer guide)*

**MUSI 1200 CR-3 (formerly MUSI 1020)****Rudiments of Music II**

Students will study basic written aspects of musical language, including chord building, chord progressions, simple voicing, basic arranging, applied rhythmic patterns, transposing instruments, ornamentation, and musical terms. They will develop their skills through writing and through the analysis of representative historical examples.

*Prerequisites: MUSI 1100 or permission of instructor  
Transferable (refer to transfer guide)*

**MUSI 1201 CR-2 (formerly MUSI 1021)****Aural Musicianship and Rhythm Training II**

Students will continue the development of elementary musicianship skills, including sight singing, rhythm, conducting, and error detection. They will also acquire more skills for melodic, harmonic, and rhythmic dictation.

*Prerequisites: MUSI 1101 or permission of instructor  
Co-requisites: MUSI 1200 MUSI 1200  
Transferable (refer to transfer guide)*

**MUSI 1202 CR-2****The Business of Music**

This course is designed to provide the music student with information about the many aspects of business involved in a successful musical endeavour including programming, advertising, audience development, marketing, sponsorship, union involvement, rehearsing and performance. Recording, copyright law, teaching and other topics will be presented. Guest speakers from the music community as well as government and union representatives will share their knowledge with the students.

*Prerequisites: Acceptance into Cert. Dip. Program, or permission of instructor*

*Transferable (refer to transfer guide)*

**MUSI 1203 CR-3 (formerly MUSI 1023)****Listening To Music II**

Students will continue to cultivate an understanding of Western music by further developing basic aural skills in hearing rhythm, melody, harmony, color, texture, form, and orchestration. They will do so primarily by listening to and studying representative examples of Western music from the time of Beethoven to the present day, as well as popular music (jazz, blues, and rock), and selected non-Western musical traditions. To further develop their aural skills, students will attend specified concerts (with costs incurred) and will actively listen to and analyze the performances.

Note: This course is open to non-music students.

*Prerequisites: MUSI 1103, or permission of instructor*

*Transferable (refer to transfer guide)*

**MUSI 1205 CR-2****Major Instrument - Foundation II**

Students will continue to work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of repertoire. Students will also continue to establish a foundation of technical, musical, and sight reading skills essential for advanced study.

*Prerequisites: MUSI 1105*

*Transferable (refer to transfer guide)*

**MUSI 1233 CR-2****Fretboard IV (Diploma)**

Students will continue to develop a full knowledge of the harmonic and melodic capabilities of the guitar fretboard. They will undertake advanced level studies in fretboard harmony, scales, arpeggios, and modes, and will cultivate music reading skills in upper positions.

Note : For students whose first instrument is guitar.

*Prerequisites: MUSI 1133 or permission of the instructor*

*Transferable (refer to transfer guide)*

**MUSI 1250 CR-3****The Language of Music II**

Students will study late-Baroque and Classical diatonic harmony through writing and analysis. They will examine the function of all diatonic seventh chords and complete writing exercises in choral and keyboard styles. They will also look at musical form (period, binary, rounded binary, ternary) and combine their knowledge of harmony and form in the composition of a short original work.

*Prerequisites: MUSI 1150*

*Transferable (refer to transfer guide)*

**MUSI 1251 CR-2****Aural Musicianship II**

Students will continue to develop essential musicianship skills, including sight singing, rhythm, conducting, error detection, as well as melodic, harmonic, and rhythmic dictation.

*Prerequisites: MUSI 1151 or permission of instructor*

*Co-requisites: MUSI 1250 and MUSI 1254 (recommended) MUSI 1250 and MUSI 1254 (recommended)*

*Transferable (refer to transfer guide)*

**MUSI 1253 CR-3****History of Music I**

This course is an historical and stylistic investigation of European music and musical life from Greek antiquity to circa 1600. Selected problems in the fields of theory, notation, and performance practices will also be addressed. Emphasis is placed on developing aural skills by listening to representative works.

*Prerequisites: MUSI 1153, or permission of instructor*

*Transferable (refer to transfer guide)*

**MUSI 1254 CR-1****Keyboard Skills II**

Students will continue to develop basic keyboard skills by furthering their study of keyboard harmony (chord progressions and harmonization) and develop their ability to harmonize melodies using simple accompaniment patterns. They will continue to improve their skills in sight-reading and transposition.

*Prerequisites: MUSI 1154 or by audition and/or interview*

*Co-requisites: MUSI 1250 or permission of instructor MUSI 1250 or permission of instructor*

*Transferable (refer to transfer guide)*

**MUSI 1255 CR-1****Secondary Instrument - II**

Students will continue to work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of repertoire, and on fundamental technical and sight-reading requirements.

Note: Students will normally take no more than four (4) semesters of secondary instrument instruction.

*Prerequisites: MUSI 1155 or permission of the department head.*

*Transferable (refer to transfer guide)*

**MUSI 1256 CR-3****Major Instrument Applied - II**

Students will work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of assigned repertoire, and on technical and sight reading requirements. They will participate in master classes as required by the instructor.

*Prerequisites: MUSI 1156 (or MUSI 1157 with successful audition)*

*Transferable (refer to transfer guide)*

**MUSI 1257 CR-2****Major Instrument Concentration - II**

Students will work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of repertoire, and on technical and sight reading requirements.

*Prerequisites: MUSI 1157 or (MUSI 1165 with successful audition)*

*Transferable (refer to transfer guide)*

**MUSI 1258 CR-2****Piano Repertoire II: The Classical Period**

Students will undertake a chronological survey and analysis of important solo klavier works from the Classical period (ca. 1750-ca. 1800). They will study this repertoire from the point of view of the performer and teacher, assessing the music not only on its own terms, but also in the context of the development of klavier instruments themselves, historic performance practices, and sociological trends. Students majoring in piano performance will be required to perform selected repertoire in class.

*Prerequisites: MUSI 1158 or permission of the instructor*  
*Transferable (refer to transfer guide)*

**MUSI 1265 CR-2****Major Instrument - Secondary Level II**

Students will work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of repertoire, and on technical and sight reading requirements.

*Prerequisites: MUSI 1165*

**MUSI 1267 CR-2****Kwantlen String Orchestra II**

Students will rehearse and perform a wide variety of orchestral repertoire from the 16th to the 20th century, as well as works by contemporary Canadian composers.

Note: Placement in the ensemble is by audition and interview. This course is open to all music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 1167*  
*Transferable (refer to transfer guide)*

**MUSI 1268 CR-2****Kwantlen Wind Ensemble II**

Students will rehearse and perform Wind Literature repertoire from the 16th Century to the present day. Students will study and perform contemporary works by Canadian composers. Students will perform major works from the 400-year repertoire of Wind Ensemble, Chamber Winds, and Brass Ensemble literature.

Note: Placement in ensemble is by audition and/or interview. This course is open to all Music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 1168*  
*Transferable (refer to transfer guide)*

**MUSI 1269 CR-2****Kwantlen Chorus II (Diploma)**

In this second level course, the Kwantlen Chorus will rehearse and perform works for large and small ensembles from the 16th century to the present in the Western Classical tradition, as well as works from the folk, jazz, popular and musical theatre idioms with emphasis on Canadian choral compositions.

*Prerequisites: MUSI 1169*  
*Transferable (refer to transfer guide)*

**MUSI 1271 CR-2 (formerly MUSI 1266)****Guitar Chamber Ensemble II**

Students will continue to perform duo, trio, and/or quartet music for guitar ensemble. They will study classical compositions but may also perform arrangements or transcriptions of standard jazz compositions, world, and folk music.

*Prerequisites: MUSI 1171*  
*Transferable (refer to transfer guide)*

**MUSI 1272 CR-2 (formerly MUSI 1266)****Piano Chamber Ensemble II**

Students will be placed in small ensembles for the study, preparation and performance of four-hand and eight-hand piano repertoire and works involving piano and different instrumental or vocal combinations. They will work with an assigned instrumental or vocal partner and will accompany that person in recital and at the final jury.

*Prerequisites: MUSI 1172*  
*Transferable (refer to transfer guide)*

**MUSI 1273 CR-2 (formerly MUSI 1266)****Percussion Ensemble II**

Students will study and perform repertoire for percussion instruments of both definite and indefinite pitch. They will also study selected rhythmic systems of work music cultures such as African drumming and Indonesian Gamelan.

NOTE: Both percussion and non-percussion majors may take this course.

*Prerequisites: MUSI 1173*  
*Transferable (refer to transfer guide)*

**MUSI 1274 CR-2 (formerly MUSI 1266)****Woodwind Ensemble II**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different woodwind instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger woodwind choirs. They will perform major works from the 400-year repertoire of the woodwind ensemble literature.

*Prerequisites: MUSI 1174*  
*Transferable (refer to transfer guide)*

**MUSI 1275 CR-2 (formerly MUSI 1266)****Brass Ensemble II**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different brass instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger brass choirs. They will perform major works from the 400-year repertoire of the brass ensemble literature.

*Prerequisites: MUSI 1175*  
*Transferable (refer to transfer guide)*

**MUSI 1276 CR-2 (formerly MUSI 1266)****Vocal Ensemble II: Jazz and Madrigal**

Students will study, rehearse and perform vocal repertoire in baroque and jazz styles. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on- and off-campus.

*Prerequisites: MUSI 1176 and successful audition*  
*Transferable (refer to transfer guide)*

**MUSI 1277 CR-2 (formerly MUSI 1266)****Jazz Band II**

Students will work on improvisation skills and chart reading in an ensemble setting. They will perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off-campus throughout the semester.

*Prerequisites: MUSI 1177*  
*Transferable (refer to transfer guide)*

**MUSI 1278 CR-2 (formerly MUSI 1266)****Jazz Combo II**

Students will work on improvisation skills and chart reading in a small jazz combo setting. They will also prepare and perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off- campus throughout the semester.

*Prerequisites: MUSI 1178*

*Transferable (refer to transfer guide)*

**MUSI 1279 CR-2 (formerly MUSI 1266)****String Chamber Ensemble II**

Students will study, prepare and perform works for string duos, trios and/or quartets. Students may also work in mixed ensembles involving piano, woodwinds, brass, and/or guitar.

*Prerequisites: MUSI 1179*

*Transferable (refer to transfer guide)*

**MUSI 1280 CR-2****Opera Workshop Ensemble II**

Students will study, rehearse and perform staged solo, small ensemble and chorus repertoire from a variety of musical styles, including Opera, Oratorio, Musical Theatre and Operetta. Students will perform in concerts both on and off campus.

Note: Students will be required to perform in a variety of languages.

*Prerequisites: MUSI 1180 or successful audition*

*Transferable (refer to transfer guide)*

**MUSI 1281 CR-2****Kwantlen Chamber Singers II**

Students will study, rehearse and perform chamber choir repertoire in a variety of musical styles, ranging from Renaissance to the present day. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on and off campus.

Note: Students may perform in a variety of languages.

*Prerequisites: MUSI 1181 and a successful audition*

*Transferable (refer to transfer guide)*

**MUSI 2340 CR-2****Collaborative Piano I**

Students will explore the collaborative art of performing with vocalists. They will study and perform assigned works that are representative of standard vocal repertoire, including (but not limited to) Italian art songs of the 17th and 18th centuries, German Lieder, French mélodies, and orchestral transcriptions of oratorio and opera solos.

Note: MUSI 2340, MUSI 2440, MUSI 3540, and MUSI 3640 (Collaborative Piano I - IV) are not sequential and may be taken in any order. This course is for piano majors.

*Prerequisites: MUSI 1256 or MUSI 1257 or permission of the instructor*

*Transferable (refer to transfer guide)*

**MUSI 2350 CR-3****The Language of Music III**

Students will study advanced diatonic harmony and begin the study of chromaticism. They will cover sequences, secondary-function chords, modulation, modal borrowing, and continue the study of form, relating it to large-scale harmonic plans. They will combine their knowledge of harmony and form in the composition of a short original work.

*Prerequisites: MUSI 1250*

*Transferable (refer to transfer guide)*

**MUSI 2351 CR-2****Aural Musicianship III**

Students will work toward the development of more advanced musicianship skills, including sight singing, rhythm, conducting, error detection, as well as melodic, harmonic, and rhythmic dictation.

*Prerequisites: MUSI 1251 or permission of instructor*

*Co-requisites: MUSI 2350 and MUSI 2354 (Recommended) MUSI 2350 and MUSI 2354 (Recommended)*

*Transferable (refer to transfer guide)*

**MUSI 2353 CR-3****History of Music II**

This course is an historical and stylistic investigation of European music and musical life from circa 1600 to the end of the 18th century, i.e. from the beginning of Baroque styles in chamber, theatre, and church music, to the culmination of the Classical period in the works of Haydn and Mozart. Selected problems in the field of performance practices will also be addressed. Emphasis is placed on developing aural skills by listening to representative works.

*Prerequisites: MUSI 1253 or permission of instructor*

*Transferable (refer to transfer guide)*

**MUSI 2354 CR-1****Keyboard Skills III**

Students will begin to develop a higher level of keyboard skills by furthering their study of keyboard harmony (chord progressions and harmonization) and by developing their ability to harmonize melodies using simple accompaniment patterns. They will continue to improve their reading skills (sight-reading and transposition).

*Prerequisites: MUSI 1254 or by audition and/or interview*

*Co-requisites: MUSI 2350 or permission of instructor MUSI 2350 or permission of instructor*

*Transferable (refer to transfer guide)*

**MUSI 2355 CR-1****Secondary Instrument - III**

Students will continue to work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of repertoire, and on intermediate technical and sight-reading requirements.

Note: Students will normally take no more than four (4) semesters of secondary instrument instruction.

*Prerequisites: MUSI 1255 or permission of the department head*

*Transferable (refer to transfer guide)*

**MUSI 2356 CR-3****Major Instrument - Performance III**

Students will continue to work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of assigned repertoire, and on intermediate technical and sight-reading requirements.

Note: Diploma students will normally take no more than four (4) semesters of private lessons in courses ending in the numbers 56 or 57

*Prerequisites: MUSI 1256 (or MUSI 1257 and a successful audition)*

*Transferable (refer to transfer guide)*

**MUSI 2357 CR-2****Major Instrument - Concentration III**

Students will continue to work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of repertoire, and on intermediate technical and sight reading requirements.

Note: Diploma students will normally take no more than four (4) semesters of private lessons in courses ending in the numbers 56 or 57.

*Prerequisites: MUSI 1257 or (MUSI 1265 with successful audition)*

*Transferable (refer to transfer guide)*

**MUSI 2358 CR-2****Piano Repertoire III: The Romantic Period**

Students will undertake a chronological survey and analysis of important piano solo and concerto works from the Romantic period (from the time of Schubert to ca. 1900). They will study this repertoire from the point of view of the performer and teacher, assessing the music not only on its own terms, but also in the context of the development of the piano itself, historic performance practices, and sociological trends. Students majoring in piano performance will be required to perform selected repertoire in class.

*Prerequisites: MUSI 1258 or permission of the instructor*

*Transferable (refer to transfer guide)*

**MUSI 2359 CR-1****Lyric Diction I**

Students will learn the symbols and sounds of the International Phonetic Alphabet. They will then learn the basic phonetics and principles of lyric diction of Italian and German as used in standard concert and operatic repertoire for voice.

*Prerequisites: Acceptance into the Diploma Program - Vocal Performance or permission of instructor*

*Transferable (refer to transfer guide)*

**MUSI 2360 CR-3****Psychophysiology of Music Performance I**

This course will introduce the student to the basic psychological theories, research, and ideas related to how music affects people including the interaction among composer, performer and listener. It will also examine the effect of repetitive motion on the performer and will introduce techniques of awareness, relaxation, stretching and counter balancing of muscle groups. In addition techniques of creative imagination will be introduced with an emphasis on application.

*Transferable (refer to transfer guide)*

**MUSI 2365 CR-2****Major Instrument - Secondary Level III**

Students will work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of repertoire, and on technical and sight reading requirements.

*Prerequisites: MUSI 1265*

**MUSI 2367 CR-2****Kwantlen String Orchestra III**

Students will rehearse and perform a wide variety of orchestral repertoire from the 16th to the 20th century, as well as works by contemporary Canadian composers.

Note: Placement in the ensemble is by audition and interview. This course is open to all music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 1267*

*Transferable (refer to transfer guide)*

**MUSI 2368 CR-2****Kwantlen Wind Ensemble III**

Students will rehearse and perform Wind Literature repertoire from the 16th century to the present day. Students will study and perform contemporary works by Canadian composers. Students will perform major works from the 400-year repertoire of Wind Ensemble, Chamber Winds, and Brass Ensemble literature.

Note: Placement in ensemble is by audition and/or interview. This course is open to all Music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 1268*

*Transferable (refer to transfer guide)*

**MUSI 2369 CR-2****Kwantlen Chorus III (Diploma)**

In this third level course, the Kwantlen Chorus will rehearse and perform works for large and small ensembles from the 16th century to the present in the Western Classical tradition, as well as works from the folk, jazz, popular and musical theatre idioms with emphasis on Canadian choral compositions.

*Prerequisites: MUSI 1269*

*Transferable (refer to transfer guide)*

**MUSI 2371 CR-2 (formerly MUSI 2366)****Guitar Chamber Ensemble III**

Students will continue to perform duo, trio, and/or quartet music for guitar ensemble. They will study classical compositions but may also perform arrangements or transcriptions of standard jazz compositions, world, and folk music.

*Prerequisites: MUSI 1271*

*Transferable (refer to transfer guide)*

**MUSI 2372 CR-2 (formerly MUSI 2366)****Piano Chamber Ensemble III**

Students will be placed in small ensembles for the study, preparation and performance of four-hand and eight-hand piano repertoire and works involving piano and different instrumental or vocal combinations. They will work with an assigned instrumental or vocal partner and will accompany that person in recital and at the final jury.

*Prerequisites: MUSI 1272*

*Transferable (refer to transfer guide)*

**MUSI 2373 CR-2 (formerly MUSI 2366)****Percussion Ensemble III**

Students will study and perform repertoire for percussion instruments of both definite and indefinite pitch. They will also study selected rhythmic systems of work music cultures such as African drumming and Indonesian Gamelan.

NOTE: Both percussion and non-percussion majors may take this course.

*Prerequisites: MUSI 1273*  
*Transferable (refer to transfer guide)*

**MUSI 2374 CR-2 (formerly MUSI 2366)****Woodwind Ensemble III**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different woodwind instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger woodwind choirs. They will perform major works from the 400-year repertoire of the woodwind ensemble literature.

*Prerequisites: MUSI 1274*  
*Transferable (refer to transfer guide)*

**MUSI 2375 CR-2 (formerly MUSI 2366)****Brass Ensemble III**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different brass instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger brass choirs. They will perform major works from the 400-year repertoire of the brass ensemble literature.

*Prerequisites: MUSI 1275*  
*Transferable (refer to transfer guide)*

**MUSI 2376 CR-2 (formerly MUSI 2366)****Vocal Ensemble III: Jazz and Madrigal**

Students will study, rehearse and perform vocal repertoire in baroque and jazz styles. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on- and off-campus.

*Prerequisites: MUSI 1276 and successful audition*  
*Transferable (refer to transfer guide)*

**MUSI 2377 CR-2 (formerly MUSI 2366)****Jazz Band III**

Students will work on improvisation skills and chart reading in an ensemble setting. They will perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off-campus throughout the semester.

*Prerequisites: MUSI 1277*  
*Transferable (refer to transfer guide)*

**MUSI 2378 CR-2 (formerly MUSI 2366)****Jazz Combo III**

Students will work on improvisation skills and chart reading in a small jazz combo setting. They will also prepare and perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off- campus throughout the semester.

*Prerequisites: MUSI 1278*  
*Transferable (refer to transfer guide)*

**MUSI 2379 CR-2****String Chamber Ensemble III**

Students will study, prepare and perform works for string duos, trios and/or quartets. Students may also work in mixed ensembles involving piano, woodwinds, brass, and/or guitar.

*Prerequisites: MUSI 1279*  
*Transferable (refer to transfer guide)*

**MUSI 2380 CR-2****Opera Workshop Ensemble III**

Students will study, rehearse and perform staged solo, small ensemble and chorus repertoire from a variety of musical styles, including Opera, Oratorio, Musical Theatre and Operetta. Students will perform in concerts both on and off campus.

Note: Students will be required to perform in a variety of languages.

*Prerequisites: MUSI 1280 or a successful audition*  
*Transferable (refer to transfer guide)*

**MUSI 2381 CR-2****Kwantlen Chamber Singers III**

Students will study, rehearse and perform chamber choir repertoire in a variety of musical styles, ranging from Renaissance to the present day. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on and off campus.

Note: Students may perform in a variety of languages.

*Prerequisites: MUSI 1281 and successful audition*  
*Transferable (refer to transfer guide)*

**MUSI 2450 CR-3****The Language of Music IV**

Students will study advanced chromatic harmony, including Neapolitan chords, augmented sixth chords, added dissonance chords, and remote modulations. They will also examine sonata form, text/music relationships in art songs, and compose a short original work using concepts studied.

*Prerequisites: MUSI 2350*  
*Transferable (refer to transfer guide)*

**MUSI 2451 CR-2****Musicianship IV**

Students will work toward the development of advanced musicianship skills, including sight singing, rhythm, conducting, error detection, as well as melodic, harmonic, and rhythmic dictation.

*Prerequisites: MUSI 2351 or permission of instructor*  
*Co-requisites: MUSI 2450 and MUSI 2454 (Recommended) MUSI 2450 and MUSI 2454 (Recommended)*  
*Transferable (refer to transfer guide)*

**MUSI 2453 CR-3****History of Music III**

This course is an historical and stylistic investigation of the musical system of Europe and the Americas from circa 1800 to 1990, i.e., from the time of Beethoven to recent developments, including electronic and computer applications. Emphasis is placed on developing aural skills by listening to representative works.

*Prerequisites: MUSI 2353, or permission of instructor*  
*Transferable (refer to transfer guide)*

**MUSI 2454 CR-1**  
**Keyboard Skills IV**

Students will continue to develop higher level keyboard skills by furthering their study of keyboard harmony (chord progressions and harmonization) and developing their ability to harmonize melodies using simple accompaniment patterns. They will continue to improve their reading skills (sight-reading and transposition).

*Prerequisites: MUSI 2354 or by audition and/or interview*  
*Co-requisites: MUSI 2450 or permission of instructor MUSI 2450 or permission of instructor*  
*Transferable (refer to transfer guide)*

**MUSI 2455 CR-1**  
**Secondary Instrument - IV**

Students will continue to work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of repertoire, and on intermediate technical and sight-reading requirements.

Note: Students will normally take no more than four (4) semesters of secondary instrument instruction.

*Prerequisites: MUSI 2355 or permission of the department head*  
*Transferable (refer to transfer guide)*

**MUSI 2456 CR-3**  
**Major Instrument Applied - IV**

Students will work one-on-one with an instructor (vocal or instrumental) in the interpretation and performance of assigned repertoire, and on technical and sight reading requirements. They will participate in master classes as required by the instructor.

*Prerequisites: MUSI 2356 (or MUSI 2357 with successful audition)*  
*Transferable (refer to transfer guide)*

**MUSI 2457 CR-2**  
**Major Instrument - Concentration IV**

Students will continue to work one-on-one with an instructor (vocal or instrumental) in the interpretation and performance of repertoire, and on intermediate technical and sight-reading requirements.

Note: Diploma students will normally take no more than four (4) semesters of private lessons in courses ending in the numbers 56 or 57.

*Prerequisites: MUSI 2357 or (MUSI 2365 with successful audition)*  
*Transferable (refer to transfer guide)*

**MUSI 2458 CR-2**  
**Piano Repertoire IV: 20th and 21st Century**

Students will undertake a chronological survey and analysis of important solo piano and concerto works in varied styles from the 20th century to the present day, including major Canadian piano music. Students will explore this repertoire from the point of view of the performer and teacher, assessing the music not only on its own terms, but also in the context of at least five styles of the 20th and 21st centuries, new concepts of form and notation, as well as performance practices and sociological trends. Students majoring in piano performance will be required to perform selected repertoire in class.

*Prerequisites: MUSI 2358 or permission of instructor*  
*Transferable (refer to transfer guide)*

**MUSI 2459 CR-1**  
**Lyric Diction II**

Students will review the symbols and sounds of the International Phonetic Alphabet. They will then learn the basic phonetics and principles of lyric diction of French, Spanish and English as used in standard concert and operatic repertoire for voice.

*Prerequisites: MUSI 2359 or permission of instructor.*  
*Transferable (refer to transfer guide)*

**MUSI 2460 CR-3**  
**Psychophysiology of Music Performance II**

This course is a continuation of the exploration of the psychological and physical performance enhancing techniques introduced in MUSI 2360 and will meld theory with practice. Each student will co-design with the instructor her/his own program of centering to be applied in performance.

*Prerequisites: MUSI 2360*  
*Transferable (refer to transfer guide)*

**MUSI 2465 CR-2**  
**Major Instrument - Secondary Level IV**

Students will work one-on-one with an instructor (vocal or instrumental) on the interpretation and performance of repertoire, and on technical and sight reading requirements.

*Prerequisites: MUSI 2365*

**MUSI 2467 CR-2**  
**Kwantlen String Orchestra IV**

Students will rehearse and perform a wide variety of orchestral repertoire from the 16th to the 20th century, as well as works by contemporary Canadian composers.

Note: Placement in the ensemble is by audition and interview. This course is open to all music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 2367*  
*Transferable (refer to transfer guide)*

**MUSI 2468 CR-2**  
**Kwantlen Wind Ensemble IV**

Students will rehearse and perform works of the Wind Literature repertoire from the 16th century to the present day. They will study and perform new works by Canadian composers each semester. Students will perform major works from the 400-year repertoire of Wind Ensemble, Chamber Winds, and Brass Ensemble literature.

Note: Placement in ensemble is by audition and/or interview. This course is open to all Music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 2368 for Music majors*  
*Transferable (refer to transfer guide)*

**MUSI 2469 CR-2**  
**Kwantlen Chorus IV (Diploma)**

In this fourth level course, the Kwantlen Chorus will rehearse and perform works for large and small ensembles from the 16th century to the present in the Western Classical tradition, as well as works from the folk, jazz, popular and musical theatre idioms with emphasis on Canadian choral compositions.

*Prerequisites: MUSI 2369*  
*Transferable (refer to transfer guide)*

**MUSI 2471 CR-2 (formerly MUSI 2466)****Guitar Chamber Ensemble IV**

Students will continue to perform duo, trio, and/or quartet music for guitar ensemble. They will study classical compositions but may also perform arrangements or transcriptions of standard jazz compositions, world, and folk music.

*Prerequisites: MUSI 2371*

*Transferable (refer to transfer guide)*

**MUSI 2472 CR-2 (formerly MUSI 2466)****Piano Chamber Ensemble IV**

Students will be placed in small ensembles for the study, preparation and performance of four-hand and eight-hand piano repertoire and works involving piano and different instrumental or vocal combinations. They will work with an assigned instrumental or vocal partner and will accompany that person in recital and at the final jury.

*Prerequisites: MUSI 2372*

*Transferable (refer to transfer guide)*

**MUSI 2473 CR-2 (formerly MUSI 2466)****Percussion Ensemble IV**

Students will study and perform repertoire for percussion instruments of both definite and indefinite pitch. They will also study selected rhythmic systems of world music cultures such as African drumming and Indonesian Gamelan.

NOTE: Both percussion and non-percussion majors may take this course.

*Prerequisites: MUSI 2373*

*Transferable (refer to transfer guide)*

**MUSI 2474 CR-2 (formerly MUSI 2466)****Woodwind Ensemble IV**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different woodwind instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger woodwind choirs. They will perform major works from the 400-year repertoire of the woodwind ensemble literature.

*Prerequisites: MUSI 2374*

*Transferable (refer to transfer guide)*

**MUSI 2475 CR-2 (formerly MUSI 2466)****Brass Ensemble IV**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different brass instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger brass choirs. They will perform major works from the 400-year repertoire of the brass ensemble literature.

*Prerequisites: MUSI 2375*

*Transferable (refer to transfer guide)*

**MUSI 2476 CR-2 (formerly MUSI 2466)****Vocal Ensemble IV: Jazz and Madrigal**

Students will study, rehearse and perform vocal repertoire in baroque and jazz styles. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on- and off-campus.

*Prerequisites: MUSI 2376 and successful audition*

*Transferable (refer to transfer guide)*

**MUSI 2477 CR-2 (formerly MUSI 2466)****Jazz Band IV**

Students will work on improvisation skills and chart reading in an ensemble setting. They will perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off-campus throughout the semester.

*Prerequisites: MUSI 2377*

*Transferable (refer to transfer guide)*

**MUSI 2478 CR-2 (formerly MUSI 2466)****Jazz Combo IV**

Students will work on improvisation skills and chart reading in a small jazz combo setting. They will also prepare and perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off- campus throughout the semester.

*Prerequisites: MUSI 2378*

*Transferable (refer to transfer guide)*

**MUSI 2479 CR-2****String Chamber Ensemble IV**

Students will study, prepare and perform works for string duos, trios and/or quartets. Students may also work in mixed ensembles involving piano, woodwinds, brass, and/or guitar.

*Prerequisites: MUSI 2379*

*Transferable (refer to transfer guide)*

**MUSI 2480 CR-2****Opera Workshop Ensemble IV**

Students will study, rehearse and perform staged solo, small ensemble and chorus repertoire from a variety of musical styles, including Opera, Oratorio, Musical Theatre and Operetta. Students will perform in concerts both on and off campus.

Note: Students will be required to perform in a variety of languages.

*Prerequisites: MUSI 2380 or a successful audition*

*Transferable (refer to transfer guide)*

**MUSI 2481 CR-2****Kwantlen Chamber Singers IV**

Students will study, rehearse and perform chamber choir repertoire in a variety of musical styles, ranging from Renaissance to the present day. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on and off campus.

Note: Students may perform in a variety of languages.

*Prerequisites: MUSI 2381 and successful audition*

*Transferable (refer to transfer guide)*

**MUSI 3113 CR-3****The Social History of the Guitar**

Students will survey the history and repertoire of the guitar as a means to understand how people of other times and places interpreted human experience, and how these beliefs and values affected music creation and expression. They will also use examples of guitar music from both history and the present to explore long-standing debates and fundamental issues regarding the role of music in society.

Note: Students need no formal training or background in music although a keen interest in the guitar and its history will be valuable.

*Prerequisites: Any 1200-level English course*



### **MUSI 3500 CR-3**

#### **Special Topics**

Students will engage in intensive study of special topics in the music of the 20th and 21st centuries. They will examine, analyze, and perform music from various repertoires, such as classical, jazz, world, and popular. Students will write at least one research paper. Note: The specific area of study will be established in advance by the music faculty.

*Prerequisites: MUSI 1150 or equivalent or permission of instructor and ENGL 1100*

*Transferable (refer to transfer guide)*

### **MUSI 3501 CR-3**

#### **Selected Topics in Western Music**

Students will investigate one aspect of art music in Western culture, such as a major body of works, a subject (e.g., women and the piano in the nineteenth century), or one or more questions inviting historical inquiry (e.g., the challenges of recreating Baroque opera). They will use selected musical works as the basis for study. Students will first relate the topic to its cultural and historical context, and then examine the selected works in greater analytical and historical depth, which will include attending and evaluating professional performances.

Note: The topic will be established in advance by the Music Department. Students may take this course multiple times for further credit on different topics. Students are responsible for the costs of attending performances.

*Prerequisites: Any 60 credits of 1100-level or higher, including ENGL 1100. Non-Music students must have permission of instructor.*

### **MUSI 3502 CR-3**

#### **Computer Applications in Music Education**

Students will examine various educational technologies and their applications in teaching and learning music. They will consider recent developments in technological practices, with a focus on utilizing these approaches in various teaching situations.

*Prerequisites: Any 60 credits of 1100-level or higher, including ENGL 1100*

### **MUSI 3512 CR-3 (formerly MUSI 1202)**

#### **The Business of Music**

Students will survey common business practices related to the music industry. They will also develop business-related knowledge and skills essential for managing a music career.

*Prerequisites: MUSI 1112 and 60 credits of 1100-level or higher coursework, including ENGL 1100*

### **MUSI 3533 CR-2**

#### **Acoustic Guitar Styles**

Students will examine selected styles of guitar playing, such as flamenco, Celtic, world music, fingerstyle steel-string, Latin/South American, or fingerstyle jazz and blues. They will utilize audio and digital presentations as well as personal instruction to gain basic skills in each style.

Note: Topics are offered on a rotational basis. The specific topic will be established in advance by the Music Department. Students may take this course multiple times for further credit on different topics.

*Prerequisites: 60 credits of 1100-level or higher coursework, including ENGL 1100*

### **MUSI 3535 CR-1.5**

#### **Jazz Improvisation I**

Students will learn basic skills essential to effective improvisation, including listening and memorization skills, techniques for melodic development, and the use of simple harmonies. They will develop various practice techniques essential to improving improvisational skills.

*Prerequisites: 60 credits of 1100-level or higher coursework, including ENGL 1100*

### **MUSI 3550 CR-3**

#### **The Language of Music V: Jazz and Pop**

Students will learn the fundamental theoretical and aural skills associated with jazz and pop idioms including nomenclature, harmonic progressions, turnarounds, chord substitutions, polychords, non-functional harmony, as well as chord/scale relationships of the major, harmonic and melodic minor scales, symmetrical scales, and modes. They will develop their skills through writing and analysis of representative historical examples.

*Prerequisites: MUSI 2450 or permission of instructor*  
*Transferable (refer to transfer guide)*

### **MUSI 3551 CR-3**

#### **Conducting I**

Students will learn the necessary skills to conduct ensembles (instrumental/choral) at a basic to intermediate level. They will learn the craft of conducting including clear, proficient hand and baton technique in basic conducting patterns, coordinating the use of the body (including cuing) and the fundamentals of score reading and score preparation. Students will develop a responsible attitude to rehearsal preparation by using a gestural approach to control tempo, dynamics, articulation, phrasing, fermatas and releases.

Note: Some piano proficiency is required.

*Prerequisites: 60 credits of 1100-level or higher coursework, including ENGL 1100*

### **MUSI 3553 CR-3**

#### **History of Jazz and Pop Music**

Students will survey the history of jazz and popular music in North America. They will examine the issues and theories regarding the relationship between music and culture. Students will explore such topics as race and ethnicity, gender and sexuality, class, mass media, and aesthetics.

*Prerequisites: Any 60 credits of 1100-level or higher, including ENGL 1100. Non-music students must have permission of the instructor.*

*Co-requisites: MUSI 3550 MUSI 3550*

### **MUSI 3556 CR-4**

#### **Major Instrument - Performance V**

Students will work one-on-one with an instructor (vocal or instrumental) in the interpretation and performance of assigned repertoire, and on technical and sight-reading requirements. They will participate in master classes as required by the instructor.

*Prerequisites: MUSI 2456 or (MUSI 2457 and a successful audition)*

### **MUSI 3557 CR-2**

#### **Major Instrument - Concentration V**

Students will work one-on-one with an instructor (vocal or instrumental) in the interpretation and performance of repertoire, and on technical and sight reading requirements.

*Prerequisites: MUSI 2457*

**MUSI 3567 CR-2****Kwantlen String Orchestra V**

Students will rehearse and perform a wide variety of orchestral repertoire from the 16th to the 20th century, as well as works by contemporary Canadian composers.

Note: Placement in the ensemble is by audition and interview. This course is open to all music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 2467*

**MUSI 3568 CR-2****Kwantlen Wind Ensemble V**

Students will rehearse and perform works of the Wind Literature repertoire from the 16th century to the present day. They will study and perform new works by Canadian composers each semester. Students will perform major works from the 400-year repertoire of Wind Ensemble, Chamber Winds, and Brass Ensemble literature.

Note: Placement in ensemble is by audition and/or interview. This course is open to all Music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 2468 for Music majors*  
*Transferable (refer to transfer guide)*

**MUSI 3569 CR-2****Kwantlen Chorus V**

Students will rehearse and perform choral works from the 16th century to the present in Western Classical tradition as well as works from the folk, jazz, popular, and musical theatre idioms.

Placement in ensemble is by audition and/or interview. This course is open to all Music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 2469*  
*Transferable (refer to transfer guide)*

**MUSI 3571 CR-2****Guitar Chamber Ensemble V**

Students will continue to perform duo, trio, and/or quartet music for guitar ensemble. They will study classical compositions but may also perform arrangements or transcriptions of standard jazz compositions, world, and folk music.

*Prerequisites: MUSI 2471*  
*Transferable (refer to transfer guide)*

**MUSI 3572 CR-2****Piano Chamber Ensemble V**

Students will be placed in small ensembles for the study, preparation and performance of four-hand and eight-hand piano repertoire and works involving piano and different instrumental or vocal combinations. They will work with an assigned instrumental or vocal partner and will accompany that person in recital and at the final jury.

*Prerequisites: MUSI 2472*  
*Transferable (refer to transfer guide)*

**MUSI 3573 CR-2****Percussion Ensemble V**

Students will study and perform repertoire for percussion instruments of both definite and indefinite pitch. They will also study selected rhythmic systems of world music cultures such as African drumming and Indonesian Gamelan.

NOTE: Both percussion and non-percussion majors may take this course.

*Prerequisites: MUSI 2473*  
*Transferable (refer to transfer guide)*

**MUSI 3574 CR-2****Woodwind Ensemble V**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different woodwind instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger woodwind choirs. They will perform major works from the 400-year repertoire of the woodwind ensemble literature.

*Prerequisites: MUSI 2474*  
*Transferable (refer to transfer guide)*

**MUSI 3575 CR-2****Brass Ensemble V**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different brass instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger brass choirs. They will perform major works from the 400-year repertoire of the brass ensemble literature.

*Prerequisites: MUSI 2475*  
*Transferable (refer to transfer guide)*

**MUSI 3576 CR-2****Vocal Ensemble V: Jazz and Madrigal**

Students will study, rehearse and perform vocal repertoire in baroque and jazz styles. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on- and off-campus.

*Prerequisites: MUSI 2476 and successful audition*  
*Transferable (refer to transfer guide)*

**MUSI 3577 CR-2****Jazz Band**

Students will work on improvisation skills and chart reading in an ensemble setting. They will perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off-campus throughout the semester.

*Prerequisites: MUSI 2477*  
*Transferable (refer to transfer guide)*

**MUSI 3578 CR-2****Jazz Combo V**

Students will work on improvisation skills and chart reading in a small jazz combo setting. They will also prepare and perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off- campus throughout the semester.

*Prerequisites: MUSI 2478*  
*Transferable (refer to transfer guide)*

**MUSI 3579 CR-3****String Chamber Ensemble V**

Students will study, prepare and perform works for string duos, trios and/or quartets. Students may also work in mixed ensembles involving piano, woodwinds, brass, and/or guitar.

*Prerequisites: MUSI 2479*

*Transferable (refer to transfer guide)*

**MUSI 3580 CR-2****Opera Workshop Ensemble V**

Students will study, rehearse and perform staged solo, small ensemble and chorus repertoire from a variety of musical styles, including Opera, Oratorio, Musical Theatre and Operetta. Students will perform in concerts both on and off campus.

Note: Students will be required to perform in a variety of languages.

*Prerequisites: MUSI 2480 or successful audition*

**MUSI 3581 CR-2****Kwantlen Chamber Singers V**

Students will study, rehearse and perform chamber choir repertoire in a variety of musical styles, ranging from Renaissance to the present day. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on and off campus.

Note: Students may perform in a variety of languages.

*Prerequisites: MUSI 2481 and successful audition*

**MUSI 3586 CR-3****Introduction to Music Pedagogy**

Students will examine the skills, concepts and methodologies for teaching music in both private and ensemble/classroom settings. Students will study different teaching and learning styles and develop analytical and critical thinking skills in regards to teaching and learning. They will study aspects of teaching that constitute excellence in teaching music.

*Prerequisites: 60 credits of 1100-level or higher coursework, including ENGL 1100*

**MUSI 3602 CR-3****Audio Recording and Production Techniques**

Students will acquire essential sound recording and reproduction techniques utilizing a Mac digital audio workstation. They will learn the fundamentals of sound, microphones, mixing, dynamic processing, equalization, effects, analog/digital recording, MIDI (Musical Instrument Digital Interface) production, and mastering.

*Prerequisites: 60 credits of 1100-level or higher coursework, including ENGL 1100*

**MUSI 3635 CR-1.5****Jazz Improvisation II**

Students will develop intermediate skills essential to effective improvisation including listening and memorization skills, techniques for melodic development, and the use of more elaborate harmonies and chord progressions. They will continue to develop various practice techniques essential to improving improvisational skills.

*Prerequisites: MUSI 3535 and MUSI 3550*

**MUSI 3650 CR-3****The Language of Music VI: Contemporary**

Students will explore various facets of twentieth-century music as well as emerging trends in the present century. They will examine the main trends in the Western classical tradition; the interrelationships/mutual influences of these repertoires; and their connections with the other arts and with changes in society. Students will examine these repertoires from theoretical and historical perspectives, deepening their understanding by analyzing historically significant works.

*Prerequisites: MUSI 2450*

*Transferable (refer to transfer guide)*

**MUSI 3653 CR-3****World Music**

Students will engage in an intensive examination of musical genres from various world cultures. They will study historical and contemporary examples of popular and folkloric music of Latin American, African, Arabic, Middle Eastern, Central Asian, Indian, Indonesian, Japanese, and Chinese traditions. Students will listen to selected examples of world music, through which they will develop strategies for analyzing music outside the tradition of Western art music in Europe and the Americas.

Note: This course is open to non-music students.

*Prerequisites: Any 60 credits of 1100-level or higher, including ENGL 1100*

**MUSI 3656 CR-4****Major Instrument - Performance VI**

Students will work one-on-one with an instructor (vocal or instrumental) in the interpretation and performance of assigned repertoire, and on technical and sight-reading requirements. They will participate in master classes as required by the instructor and present a half recital (solo).

*Prerequisites: MUSI 3556*

**MUSI 3657 CR-2****Major Instrument - Concentration VI**

Students will work one-on-one with an instructor (vocal or instrumental) in the interpretation and performance of repertoire, and on technical and sight reading requirements.

*Prerequisites: MUSI 3557*

**MUSI 3667 CR-2****Kwantlen String Orchestra VI**

Students will rehearse and perform a wide variety of orchestral repertoire from the 16th to the 20th century, as well as works by contemporary Canadian composers.

Note: Placement in the ensemble is by audition and interview.

This course is open to all music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 3567*

**MUSI 3668 CR-2****Kwantlen Wind Ensemble VI**

Students will rehearse and perform works of the Wind Literature repertoire from the Renaissance period through to the present day. They will study and perform new works by Canadian composers each semester. Student will perform major works from the 400-year repertoire of Wind Ensemble, Chamber Winds, and Brass Ensemble literature.

Note: Placement in ensemble is by audition and/or interview. This course is open to all Music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 3568 for Music majors*  
*Transferable (refer to transfer guide)*

**MUSI 3669 CR-2****Kwantlen Chorus VI**

Students will rehearse and perform choral works from the 16th century to the present in Western Classical tradition as well as works from the folk, jazz, popular, and musical theatre idioms.

Note: Placement in ensemble is by audition and/or interview. This course is open to all Music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 3569*  
*Transferable (refer to transfer guide)*

**MUSI 3671 CR-2****Guitar Chamber Ensemble VI**

Students will continue to perform duo, trio, and/or quartet music for guitar ensemble. They will study classical compositions but may also perform arrangements or transcriptions of standard jazz compositions, world, and folk music.

*Prerequisites: MUSI 3571*  
*Transferable (refer to transfer guide)*

**MUSI 3672 CR-2****Piano Chamber Ensemble VI**

Students will be placed in small ensembles for the study, preparation and performance of four-hand and eight-hand piano repertoire and works involving piano and different instrumental or vocal combinations. They will work with an assigned instrumental or vocal partner and will accompany that person in recital and at the final jury.

*Prerequisites: MUSI 3572*  
*Transferable (refer to transfer guide)*

**MUSI 3673 CR-2****Percussion Ensemble VI**

Students will study and perform repertoire for percussion instruments of both definite and indefinite pitch. They will also study selected rhythmic systems of world music cultures such as African drumming and Indonesian Gamelan.

NOTE: Both percussion and non-percussion majors may take this course.

*Prerequisites: MUSI 3573*  
*Transferable (refer to transfer guide)*

**MUSI 3674 CR-2****Woodwind Ensemble VI**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different woodwind instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger woodwind choirs. They will perform major works from the 400-year repertoire of the woodwind ensemble literature.

*Prerequisites: MUSI 3574*  
*Transferable (refer to transfer guide)*

**MUSI 3675 CR-2****Brass Ensemble VI**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different brass instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger brass choirs. They will perform major works from the 400-year repertoire of the brass ensemble literature.

*Prerequisites: MUSI 3575*  
*Transferable (refer to transfer guide)*

**MUSI 3676 CR-2****Vocal Ensemble VI: Jazz and Madrigal**

Students will study, rehearse and perform vocal repertoire in baroque and jazz styles. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on- and off-campus.

*Prerequisites: MUSI 3576 and successful audition*  
*Transferable (refer to transfer guide)*

**MUSI 3677 CR-2****Jazz Band VI**

Students will work on improvisation skills and chart reading in an ensemble setting. They will perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off-campus throughout the semester.

*Prerequisites: MUSI 3577*  
*Transferable (refer to transfer guide)*

**MUSI 3678 CR-2****Jazz Combo VI**

Students will work on improvisation skills and chart reading in a small jazz combo setting. They will also prepare and perform selections from the standard jazz band repertoire. Students will perform in concert both on- and off- campus throughout the semester.

*Prerequisites: MUSI 3578*  
*Transferable (refer to transfer guide)*

**MUSI 3679 CR-2****String Chamber Ensemble VI**

Students will study, prepare and perform works for string duos, trios and/or quartets. Students may also work in mixed ensembles involving piano, woodwinds, brass, and/or guitar.

*Prerequisites: MUSI 3579*  
*Transferable (refer to transfer guide)*

**MUSI 3680 CR-2****Opera Workshop Ensemble VI**

Students will study, rehearse and perform staged solo, small ensemble and chorus repertoire from a variety of musical styles, including Opera, Oratorio, Musical Theatre and Operetta. Students will perform in concerts both on and off campus.

Note: Students will be required to perform in a variety of languages.

*Prerequisites: MUSI 3580 or successful audition*

**MUSI 3681 CR-2****Kwantlen Chamber Singers VI**

Students will study, rehearse and perform chamber choir repertoire in a variety of musical styles, ranging from Renaissance to the present day. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on and off campus.

Note: Students may perform in a variety of languages.

*Prerequisites: MUSI 3581 and a successful audition*

**MUSI 3691 CR-3****Song and Lyric Writing**

Students will study popular song styles from the beginning of the 19th century to the present in order to identify and understand key elements of song writing, and to develop original text and melodic ideas. Students will combine melodic and rhythmic ideas with popular harmonic progressions to create original material. They will also develop scoring skills through the creation of full scores (arrangements) and charts (lead sheets).

*Prerequisites: MUSI 3550 or permission of instructor*

**MUSI 4599 CR-3****Directed Studies in Western Music**

Students will carry out a detailed investigation of a topic relevant to the development of art music, jazz, or pop music within the Western tradition. They will do so under the supervision of a faculty member through a survey and review of written and audio/visual resources and, if appropriate, musical analysis as well as the consideration of cultural milieu. Students will develop a comprehensive understanding of their topic, in addition to submitting a final assignment.

*Prerequisites: MUSI 1153 and MUSI 1253 and MUSI 2353 and MUSI 2453 and (MUSI 3501 or MUSI 3553)*

**MUSI 4735 CR-1.5****Jazz Improvisation III**

Students will develop advanced improvisational skills as well as their own personal improvisational style. They will explore more advanced improvisational techniques including syncopation, phrasing, rhythmic feels, and complex harmonies.

*Prerequisites: MUSI 4635*

**MUSI 4751 CR-3****Conducting II: Instrumental**

Students will gain the skills necessary to prepare and conduct instrumental music selected from standard wind and orchestral literature. Students will gain practical experience conducting the laboratory instrumental ensemble. They will develop aspects of rehearsal techniques as demonstrated through advanced use of a range of effective conducting gestures. Students will study score analysis, score preparation and score reading as it pertains to the instrumental ensemble setting.

Note: Students will prepare music with a soloist and develop fluency with asymmetrical rhythmic patterns. Students will participate in weekly applied sessions using piano and instrumental accompaniment. Video will be used in all classes as a method of evaluation.

*Prerequisites: MUSI 3551*

**MUSI 4756 CR-4****Major Instrument - Performance VII**

Students will work one-on-one with an instructor (vocal or instrumental) in the interpretation and performance of assigned repertoire, and on technical and sight reading requirements. They will participate in master classes as required by the instructor.

*Prerequisites: MUSI 3656*

**MUSI 4757 CR-2****Major Instrument - Concentration VII**

Students will work one-on-one with an instructor (vocal or instrumental) in the interpretation and performance of repertoire, and on technical and sight reading requirements.

*Prerequisites: MUSI 3657*

**MUSI 4760 CR-3 (formerly MUSI 2460)****Psychophysiology of Music Performance**

Students will explore the psychological/physical relationship in music performance as well as the mental and emotional factors that affect learning and teaching. They will develop body awareness (posture, movement, and breathing) and its relationship to musical performance, as well as learn how to amend their physical movements to play more efficiently with less effort. Students will also investigate different approaches in developing musical skill, expressivity, interpretation, musical memory, and motivation, as well as survey different techniques for managing-and utilizing-performance anxiety.

*Prerequisites: 60 credits of 1100-level or higher coursework, including ENGL 1100*

**MUSI 4767 CR-2****Kwantlen String Orchestra VII**

Students will rehearse and perform a wide variety of orchestral repertoire from the 16th to the 20th century, as well as works by contemporary Canadian composers.

Note: Placement in the ensemble is by audition and interview. This course is open to all music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 3667*

**MUSI 4768 CR-2****Kwantlen Wind Ensemble VII**

Students will rehearse and perform works of the Wind Literature repertoire from the Renaissance period to the present day. They will study and perform new works by Canadian composers each semester. Students will perform major works from the 400-year repertoire of Wind Ensemble, Chamber Winds, and Brass Ensemble literature.

Note: Placement in ensemble is by audition and/or interview. This course is open to all Music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 3668*

**MUSI 4769 CR-2****Kwantlen Chorus VII**

Students will rehearse and perform choral works from the 16th century to the present in Western Classical tradition as well as works from the folk, jazz, popular, and musical theatre idioms.

Note: Placement in ensemble is by audition and/or interview. This course is open to all Music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 3669*

**MUSI 4771 CR-2****Guitar Chamber Ensemble VII**

Students will perform duo, trio, and/or quartet music for guitar ensemble. They will study classical compositions but may also perform arrangements or transcriptions of standard jazz compositions, world, and folk music.

*Prerequisites: MUSI 3671*

**MUSI 4772 CR-2****Piano Chamber Ensemble VII**

Students will be placed in small ensembles for the study, preparation and performance of four-hand and eight-hand piano repertoire and works involving piano and different instrumental or vocal combinations. They will work with an assigned instrumental or vocal partner and will accompany that person in recital and at the final jury.

*Prerequisites: MUSI 3672*

**MUSI 4773 CR-2****Percussion Ensemble VII**

Students will study and perform repertoire for percussion instruments of both definite and indefinite pitch. They will also study selected rhythmic systems of world music cultures such as African drumming and Indonesian Gamelan.

NOTE: Both percussion and non-percussion majors may take this course.

*Prerequisites: MUSI 3673*

**MUSI 4774 CR-2****Woodwind Ensemble VII**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different woodwind instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger woodwind choirs. They will perform major works from the 400-year repertoire of the woodwind ensemble literature.

*Prerequisites: MUSI 3674*

**MUSI 4775 CR-2****Brass Ensemble VII**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different brass instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger brass choirs. They will perform major works from the 400-year repertoire of the brass ensemble literature.

*Prerequisites: MUSI 3675*

**MUSI 4776 CR-2****Vocal Chamber Ensemble VII: Madrigal to Jazz**

Students will study, rehearse and perform vocal repertoire in a variety of musical styles, ranging from Renaissance to the present. They will perform in concerts both on and off campus.

Note: Students will audition for the ensemble at the beginning of each semester.

*Prerequisites: MUSI 3676 or successful audition*

**MUSI 4777 CR-2****Jazz Band VII**

Students will expand on improvisation skills and chart reading in an ensemble setting. They will perform selections from the standard jazz band repertoire. Students will perform in concert both on and off campus throughout the semester.

*Prerequisites: MUSI 3677*

**MUSI 4778 CR-2****Jazz Combo VII**

Students will expand on improvisation skills and chart reading in a small jazz combo setting. They will also prepare and perform selections from the standard jazz band repertoire. Students will perform in concert both on and off campus throughout the semester.

*Prerequisites: MUSI 3678*

**MUSI 4779 CR-2****String Chamber Ensemble VII**

Students will study, prepare and perform works for string duos, trios and/or quartets. Students may also work in mixed ensembles involving piano, woodwinds, brass, and/or guitar.

*Prerequisites: MUSI 3679*

**MUSI 4780 CR-2****Opera Workshop Ensemble VII**

Students will study, rehearse and perform staged solo, small ensemble and chorus repertoire from a variety of musical styles, including Opera, Oratorio, Musical Theatre and Operetta. Students will perform in concerts both on and off campus.

Note: Students will be required to perform in a variety of languages.

*Prerequisites: MUSI 3680 or successful audition*

**MUSI 4781 CR-2****Kwantlen Chamber Singers VII**

Students will study, rehearse and perform chamber choir repertoire in a variety of musical styles, ranging from Renaissance to the present day. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on and off campus.

Note: Students may perform in a variety of languages.

*Prerequisites: MUSI 3681 and successful audition*

**MUSI 4790 CR-3****Arranging for Small Ensembles**

Students will arrange music for small vocal and instrumental ensembles by means of transcription or adaptation of existing compositions. They will learn to recognize standard song forms, arrange and write for a rhythm section, as well as write and arrange in two, three, and four parts. Students will also learn to arrange music in various styles including Swing, Bossa Nova, Samba, Funk, and Pop/Rock styles.

*Prerequisites: MUSI 2450*

*Co-requisites: MUSI 3550 and MUSI 3590 MUSI 3550 and MUSI 3590*

**MUSI 4835 CR-1.5****Jazz Improvisation IV**

Students will continue to develop advanced improvisational skills as well as their own personal improvisational style. They will continue to explore more advanced improvisational techniques including syncopation, phrasing, rhythmic feels, and complex harmonies.

*Prerequisites: MUSI 4735*

**MUSI 4856 CR-4****Major Instrument - Performance VIII**

Students will work one-on-one with an instructor (vocal or instrumental) in the interpretation and performance of assigned repertoire, and on technical and sight reading requirements. They will participate in master classes as required by the instructor. Students will give a full recital (solo).

*Prerequisites: MUSI 4756*

**MUSI 4857 CR-2****Major Instrument - Concentration VIII**

Students will work one-on-one with an instructor (vocal or instrumental) in the interpretation and performance of repertoire, and on technical and sight reading requirements.

*Prerequisites: MUSI 4757*

**MUSI 4867 CR-2****Kwantlen String Orchestra VIII**

Students will rehearse and perform a wide variety of orchestral repertoire from the 16th to the 20th century, as well as works by contemporary Canadian composers.

Note: Placement in the ensemble is by audition and interview. This course is open to all music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 4767*

**MUSI 4868 CR-2****Kwantlen Wind Ensemble VIII**

Students will rehearse and perform works of the Wind Literature repertoire from the Renaissance period to the present day. They will study and perform new works by Canadian composers each semester. Students will perform major works from the 400-year repertoire of Wind Ensemble, Chamber Winds, and Brass Ensemble literature.

Note: Placement in ensemble is by audition and/or interview. This course is open to all Music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 4768*

**MUSI 4869 CR-2****Kwantlen Chorus VIII**

Students will rehearse and perform choral works from the 16th century to the present in Western Classical tradition as well as works from the folk, jazz, popular, and musical theatre idioms.

Note: Placement in ensemble is by audition and/or interview. This course is open to all Music majors and other Kwantlen students. Members of the community may participate on a non-credit basis.

*Prerequisites: MUSI 4769*

**MUSI 4871 CR-2****Guitar Chamber Ensemble VIII**

Students will perform duo, trio, and/or quartet music for guitar ensemble. They will study classical compositions but may also perform arrangements or transcriptions of standard jazz compositions, world, and folk music.

*Prerequisites: MUSI 4771*

**MUSI 4872 CR-2****Piano Chamber Ensemble VIII**

Students will be placed in small ensembles for the study, preparation and performance of four-hand and eight-hand piano repertoire and works involving piano and different instrumental or vocal combinations. They will work with an assigned instrumental or vocal partner and will accompany that person in recital and at the final jury.

*Prerequisites: MUSI 4772*

**MUSI 4873 CR-2****Percussion Ensemble VIII**

Students will study and perform repertoire for percussion instruments of both definite and indefinite pitch. They will also study selected rhythmic systems of world music cultures such as African drumming and Indonesian Gamelan.

NOTE: Both percussion and non-percussion majors may take this course.

*Prerequisites: MUSI 4773*

**MUSI 4874 CR-2****Woodwind Ensemble VIII**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different woodwind instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger woodwind choirs. They will perform major works from the 400-year repertoire of the woodwind ensemble literature.

*Prerequisites: MUSI 4774*

**MUSI 4875 CR-2****Brass Ensemble VIII**

Students will study, rehearse and perform original compositions and arrangements of repertoire for different brass instrument combinations. Students will, depending on enrolment and instrument type, study and perform in quartets, quintets, and larger brass choirs. They will perform major works from the 400-year repertoire of the brass ensemble literature.

*Prerequisites: MUSI 4775*

**MUSI 4876 CR-2****Vocal Chamber Ensemble VIII: Madrigal to Jazz**

Students will study, rehearse and perform vocal repertoire in a variety of musical styles, ranging from Renaissance to the present. They will perform in concerts both on and off campus.

Note: Students will audition for the ensemble at the beginning of each semester.

*Prerequisites: MUSI 4776 or successful audition*

**MUSI 4877 CR-2****Jazz Band VIII**

Students will continue to expand on improvisation skills and chart reading in an ensemble setting. They will perform selections from the standard jazz band repertoire. Students will perform in concert both on and off campus throughout the semester.

*Prerequisites: MUSI 4777*

**MUSI 4878 CR-2****Jazz Combo VIII**

Students will continue to work on improvisation skills and chart reading in a small jazz combo setting. They will also prepare and perform selections from the standard jazz band repertoire. Students will perform in concert both on and off campus throughout the semester.

*Prerequisites: MUSI 4778*

**MUSI 4879 CR-2****String Chamber Ensemble VIII**

Students will study, prepare and perform works for string duos, trios and/or quartets. Students may also work in mixed ensembles involving piano, woodwinds, brass, and/or guitar.

*Prerequisites: MUSI 4779*

**MUSI 4880 CR-2****Opera Workshop Ensemble VIII**

Students will study, rehearse and perform staged solo, small ensemble and chorus repertoire from a variety of musical styles, including Opera, Oratorio, Musical Theatre and Operetta. Students will perform in concerts both on and off campus.

Note: Students will be required to perform in a variety of languages.

*Prerequisites: MUSI 4780 or successful audition*

**MUSI 4881 CR-2****Kwantlen Chamber Singers VIII**

Students will study, rehearse and perform chamber choir repertoire in a variety of musical styles, ranging from Renaissance to the present day. They will audition for the ensemble at the beginning of each semester. Students will perform in concerts both on and off campus.

Note: Students may perform in a variety of languages.

*Prerequisites: MUSI 4781 and successful audition*

**N****NURSING (NRSG)****NRSG 1111 CR-2****Health 1: Health Styles**

Students will explore the personal meaning of health, related health assessment, prevention and health maintenance. They will examine significant theoretical and conceptual frameworks of health in relation to self. Students will have opportunities to identify personal resources and challenges that impact health by reflecting on personal experiences. They will also recognize that adopting health promoting behaviours involves a complex change process.

**NRSG 1121 CR-3****Professional Growth 1: Nurses' Work**

Students will be introduced to the profession of nursing. They will explore the philosophy and concepts of the nursing program, the history of nursing, and the role of the nurse in the health care system. Students will be introduced to the processes of critical thinking, critical reflection, and critical writing, and to the relationship between theory, practice, and research.

**NRSG 1122 CR-3 (formerly NRSG 1121)****Professional Growth 1: Introduction to the Profession of Nursing**

Students will be introduced to the profession of nursing. They will explore the philosophy and concepts of the nursing program, the history of nursing, and the role of the nurse in health care, including Aboriginal health care. They will be introduced to the processes of inquiry, critical thinking, critical reflection and writing, and to the relationship between theory, practice, and research.

*Co-requisites: NRSG 1131 and NRSG 1141 NRSG 1131 and NRSG 1141*

*Transferable (refer to transfer guide)*

**NRSG 1130 CR-2****Self and Others 1: Self-Awareness**

Students will focus on their personal discovery of self and self in relation to others. They will explore how personal beliefs, values, experiences, and perceptions relate to and impact on personal development and caring experiences with self and others, (individuals, families, and groups).

*Prerequisites: NRSG 1111 and 1121 and 1141*

**NRSG 1131 CR-3 (formerly NRSG 1130)****Self and Others 1: Self-Awareness and Interpersonal Communications**

Students will explore how personal beliefs, values, experiences, perceptions and positionality relate to and impact on personal development and caring experiences with self and others (individuals, families and groups). They will examine theories and processes of caring, relational identity development and interpersonal relational communications drawn from nursing, psychology and communication frameworks. Students will examine the evolving health paradigms, including aboriginal health. They will reflect on how the intersection between caring and relational communications provides the context for health and healing.

*Prerequisites: NRSG 1122 and NRSG 1141*



**NRSG 1141 CR-4**  
**Nursing Practice 1**

Students will have an introduction to nursing practice with opportunities to learn basic nursing and assessment skills. They will have opportunities to experience nurses' work in a variety of settings. Students will develop a professional relationship with a family guided by theoretical perspectives of the curriculum. They will explore the importance of relationship and interconnectedness in Aboriginal culture, individuals and families.

*Prerequisites: NRSG 1111 and NRSG 1121 and NRSG 1130 and BIOL 1160*

**NRSG 1210 CR-2**  
**Health 2: Facilitating Health and Healing in Families**

Students will focus on family experiences with chronic health challenges. They will apply family theory when engaging with individuals and families to understand the family's personal meaning of health, healing, and health promotion in relation to chronic health challenges.

*Prerequisites: NRSG 1111 and 1121 and 1130 and 1141 and BIOL 1160 and a Semester 1 GPA of 2.42*  
*Co-requisites: NRSG 1231 and 1241 and BIOL 1260*

**NRSG 1231 CR-2**  
**Self and Others 2: Creating Health Promoting Relationships**

Students will focus on the relational practice with individuals, families, and groups from diverse backgrounds of age, culture, and experience. They will deepen their understanding of caring and how the connection between caring and relationship provides the context for health and healing. Students will explore theories and processes of caring, relational identity development of self as nurse, and relational practice as enacted across a variety of settings and contexts.

*Prerequisites: NRSG 1130*

**NRSG 1241 CR-7**  
**Nursing Practice 2**

Students will develop caring relationships with individuals and families experiencing chronic health challenges. They will reflect upon the complexities of caring for families with chronic health challenges and develop sensitivity toward the experience of health as perceived by the individual/family. Students will care for individuals and families in the home, community and care facilities. They will practice skills and apply theory in the practice setting.

*Prerequisites: NRSG 1111 and 1121 and 1130 and BIOL 1160 and a semester GPA of 2.42*  
*Co-requisites: NRSG 1210 and 1231 and BIOL 1260*

**NRSG 1350 CR-3.5**  
**Consolidated Practice Experience 1**

Students will have experiences in acute or long term care settings to consolidate learning from the first year of the program. They will develop caring relationships with individuals and families experiencing chronic health challenges

*Prerequisites: NRSG 1210 & 1231 & 1241 & BIOL 1260 and a semester GPA of 2.42*

**NRSG 2111 CR-2**  
**Healing 1: Episodic Health Challenges**

Students will explore people's experience with healing with particular reference to episodic health challenges. They will integrate theory and concepts related to healing. Students will develop a repertoire of nursing practice skills, including critical thinking, clinical decision-making, interpersonal, and organizational skills to promote healing.

*Prerequisites: NRSG 1350 and ENGL 1100 or 1110 and a semester GPA of 2.42*  
*Co-requisites: NRSG 2141 and 2160 NRSG 2141 and 2160*

**NRSG 2141 CR-10**  
**Nursing Practice 3**

Students will have nursing practice experiences designed to develop caring relationships with people experiencing episodic health challenges. They will care for individuals and families in a variety of acute care settings. Students will also have opportunities to explore the transition for families between hospital and home.

*Prerequisites: NRSG 1350 and ENGL 1100 or 1110 and a semester GPA of 2.42*

**NRSG 2160 CR-2**  
**Health Science 3: Pathophysiology 1**

Students will explore the concepts of disease and homeostasis. They will examine the topics of adaptations and alterations in cellular function, hematopoietic function, immunity and inflammation, and circulatory function.

*Prerequisites: BIOL 1260*

**NRSG 2211 CR-2**  
**Healing Workshop 2: Complex Episodic Health Challenges**

Students will explore people's experience with healing related to a variety of complex episodic health challenges. They will continue to develop their repertoire of nursing skills including critical thinking, clinical decision-making, interpersonal, and organizational skills to promote healing. Students will increase their self-direction in planning nursing care.

*Prerequisites: NRSG 2111 & 2141 and a semester GPA of 2.42*  
*Co-requisites: NRSG 2241 & 2260 NRSG 2241 & 2260*

**NRSG 2220 CR-2**  
**Professional Growth 2: The Nursing Profession**

Students will examine and explore the professional practice of nursing, building on the philosophy and concepts examined in Professional Growth 1. They will focus on standards for practice, and the responsibility and accountability of professional nurses.

*Prerequisites: NRSG 1121*

**NRSG 2241 CR-10**  
**Nursing Practice 4**

Students will have nursing practice experiences focusing on increasingly complex episodic health challenges. They will refine their clinical decision-making, and will have opportunities to explore and use the expertise of health team members in a variety of acute care settings. Students will also explore the transition for families, including generative families, between hospital and home.

*Prerequisites: ENGL 12XX and NRSG 2111 and 2141 with a semester GPA of 2.42*  
*Co-requisites: NRSG 2211 and 2260*

**NRSG 2260 CR-2****Health Science 4: Pathophysiology 2**

Students will build on the knowledge they acquired in NRSG 2160: Health Science 3: Pathophysiology 1. They will examine the topics of adaptations and alterations in endocrine, gastrointestinal, renal, neural, skeletal, musculotendinous, integumentary, reproductive, and integrated body function

*Prerequisites: NRSG 2160*

**NRSG 2350 CR-4.5****Consolidated Practice Experience 2**

Students will have experiences in acute care settings to consolidate learning from the first and second years of the program. They will develop caring relationships with individuals and families experiencing complex episodic health challenges.

*Prerequisites: NRSG 2211 & NRSG 2241 & NRSG 2260 with a semester GPA of 2.42*

**NRSG 3111 CR-2****Health 3: Teaching and Learning for Prevention**

Students will examine a variety of teaching/learning theories, perspectives, and strategies that focus on health teaching for prevention and underlie meaningful interactions with individuals, families, and groups. They will explore and critique primary, secondary, and tertiary prevention programs and basic concepts of epidemiology. Students will also examine the nurse's role in prevention and the significance of interdisciplinary collaboration within a variety of contexts.

*Prerequisites: NRSG 2350*

**NRSG 3141 CR-7.5 (formerly NRSG 3140)****Nursing Practice 5**

Students will have nursing practice experiences primarily in acute care settings and focusing on prevention. They will also broaden their experiences within interdisciplinary teams and integrate teaching and learning concepts in their practice.

*Prerequisites: NRSG 2350*

*Co-requisites: NRSG 3111*

**NRSG 3160 CR-3****Health Science 5: Advanced Health Challenges**

Students will build on their nursing knowledge and understanding of health and natural sciences in relation to complex episodic and chronic health challenges. They will explore issues and concepts related to caring for people with mental illnesses. Students will explore community health nursing practice and its role in health promotion, prevention, and rehabilitation. They will focus on current topics and emerging knowledge related to a variety of health care contexts.

*Prerequisites: NRSG 2350*

**NRSG 3170 CR-3****Bioethics**

Students will develop a fundamental understanding of ethical theory applied to cases in bioethics. They will examine ethical approaches as tools for generating and evaluating informed decisions about bioethical issues. Students will discuss cases from health sciences, biology, psychology, or social work in the context of debating general moral principles and their applications.

**NRSG 3190 CR-4.5****Access for Registered Nurses**

Students will become acquainted with concepts and theories presented in the first 5 semesters of the Collaborative Nursing Program (CNP). They will apply ethical, feminist, and critical social theories and a phenomenological perspective when exploring self, others, health, and healing. Students will use their own practice experiences to make meaning of conceptual frameworks.

**NRSG 3211 CR-3****Health 4: Health Promotion and Community Empowerment**

Students will focus on community as client from a health promotion perspective. They will explore the principles of health promotion, including social determinants of health, participation, capacity, and empowerment. Students will analyze community development as a pattern for health promotion and nursing practice.

*Prerequisites: NRSG 3111 and 3141 and 3160 and 3170*

**NRSG 3220 CR-3****Professional Growth 4: Research**

Students will enhance their abilities to participate in the research process through critically reflecting on various research methodologies. They will develop their abilities to comprehend, critique, and utilize research. Students will experience ways to transform personal inquisitiveness into a process of posing, exploring and answering researchable questions. They will explore ways to apply research findings to promote evidence-based practice.

*Prerequisites: NRSG 3111 and 3141 and 3160 and 3170*

**NRSG 3225 CR-3****Professional Growth 3: Nursing Inquiry**

Students will study various modes of nursing inquiry, including scientific, philosophical, and historical modes of inquiry. They will explore the relationships between practice, theory and research and discuss past and present contributions to nursing knowledge.

*Prerequisites: NRSG 3111 and 3141 and 3160 and 3170*

**NRSG 3231 CR-3****Self and Others 3: Reflection on Caring Practice**

Students will build upon theories and concepts from Self and Others 1 and 2. They will focus on enhancing their relational practice with individuals, families, and groups.

*Prerequisites: NRSG 3111 and 3141 and 3160 and 3170*

**NRSG 3241 CR-4.5****Nursing Practice 6**

Students will work with a community on an identified health issue. They will develop caring relationships with families, groups, communities, and/or populations with an emphasis on health promotion and community empowerment.

*Prerequisites: NRSG 3111 and 3141 and 3160 and 3170*

*Co-requisites: NRSG 3211*

**NRSG 3350 CR-4.5****Consolidated Practice Experience 3**

Students will have opportunities to integrate learning from previous semesters and to advance their professional nursing practice. They will consolidate learning and advance their clinical decision-making skills in a variety of acute care settings.

*Prerequisites: NRSG 3211 and 3220 and 3225 and 3231 and 3241, and a cumulative Collaborative Nursing Program GPA of 2.42*

### **NRSG 3355 CR-4.5**

#### **Consolidated Practice Experience 4**

Students will have opportunities to integrate learning from previous semesters and to advance their professional nursing practice. They will consolidate learning and advance their clinical decision-making skills in a variety of community and home care settings.

*Prerequisites: NRSG 3211 and 3220 and 3225 and 3231 and 3241, and a cumulative Collaborative Nursing Program GPA of 2.42*

### **NRSG 4111 CR-3**

#### **Professional Growth 5: Nurses Influencing Change**

Students will explore ways to influence and create change for the promotion of societal health. They will examine the culture, power, and politics of leadership and organizations. Students will critique selected strategies for enhancing professional influence on the evolving Canadian health care system.

*Prerequisites: NRSG 3350 and 3355, and a cumulative program CPA of 2.42*

### **NRSG 4120 CR-3**

#### **Qualitative and Quantitative Analysis**

Students will be given a grounding in the techniques commonly used in the analysis of both quantitative and qualitative data. They will engage in the process of qualitative analysis through examining qualitative data, data coding, and thematic construction. Students will also examine a range of descriptive and inferential statistical approaches to quantitative analysis using a computer-based system.

*Prerequisites: NRSG 3220 and 3225*

### **NRSG 4141 CR-4.5**

#### **Nursing Practice 7**

Students will engage in activities to influence change for the promotion of societal health within the Canadian health care system. They will have opportunities to work collaboratively with interdisciplinary and multi-sectoral groups. Students will also use this practice experience for personal growth in their practice as professional nurses.

*Prerequisites: NRSG 3211 and 3241 and 3350 and 3355, and a cumulative program CPA of 2.42*

### **NRSG 4211 CR-3**

#### **Health/Professional Growth: Transitions**

Students will strengthen their knowledge and understanding of the theoretical foundations of nursing practice in a variety of settings. They will explore and critique nurses' roles in health-promoting practice, such as in public health, community development and involvement with people with complex health challenges. Students will also focus on issues related to the transition from student to practicing nurse.

*Prerequisites: NRSG 4111 and 4120 and 4141*

### **NRSG 4241 CR-7 (formerly NRSG 4240)**

#### **Nursing Practice 8**

Students will develop their practice and enhance their knowledge within a specific area such as a particular practice setting, a certain client population, or a specific health challenges. They will have opportunities to develop and advance their practice, gaining increasing competence and confidence in preparation for professional nursing practice. Students will also explore transitions in the health care system and in the workplace that affect nurses.

*Prerequisites: NRSG 4211*

### **NRSG 4242 CR-8.5**

#### **Consolidated Nursing Practice 8**

Students will integrate learning from throughout the program and advance their professional nursing practice in a specific practice setting. They will increase competence and confidence in the domains of nursing in preparation for their role as a Registered Nurse.

*Prerequisites: minimum cumulative Program GPA of 65%  
Co-requisites: NRSG 4211*

## **O**

## **OUTDOOR POWER EQUIPMENT TECHNICIAN (OPET)**

### **OPET 1100 CR-2.5**

#### **Safety, Math, & Science for Outdoor Power**

Students will learn the basic elements of safe practices in the outdoor power equipment work environment. They will learn the Worker's Compensation Act and WHMIS legislation applications, shop safety, extinguishing fires, using safe body mechanics, personal safety equipment and occupational first aid. Students will also learn and or verify information on the application of mathematics and science concepts used in the outdoor power equipment trade.

### **OPET 1116 CR-4.5**

#### **Maintaining Good Working Relations**

Students will learn about legislation, both provincial and federal, applicable to work and working conditions. They will also become aware of the importance of proper inventory and record keeping. Students will learn to use the resources related to the trade and to apply them with effective communication and interpersonal skills to the workplace environment in a variety of roles, with emphasis on the importance of monitoring, analyzing, and correcting.

*Prerequisites: OPET 1100*

### **OPET 1120 CR-3**

#### **Tools, Fasteners and Fittings**

Students will learn the effective and safe operation of a variety of shop hand and power tools. They will also be able to apply appropriate tools to a variety of mechanical applications where they relate to fastening devices. Students will learn the safe operation of various types of equipment used in the outdoor power equipment trade. They will be required to obtain a lift-truck operator certification.

*Prerequisites: OPET 1100*

### **OPET 1130 CR-2.5**

#### **Electricity & Welding, Cutting, & Brazing**

Students will explore and describe the basic fundamentals of electricity, including Ohm's Law, DC and AC current, induction, basic motor theory, and the use of digital multi-meters. They will construct several projects to illustrate the electrical theory. Students will learn welding safety and the basic operation of oxy-fuel cutting, welding, and brazing procedures on mild steel plate, light tubing, and 14/18 gauge sheet metal. They will also learn arc and Mig welding procedures and applications. Students will demonstrate these three processes through a number of shop projects.

*Prerequisites: OPET 1100*

### **OPET 1140 CR-1.5**

#### **Lubrication and Fuel Systems**

Students will learn the principles of lubrication and the fundamentals of fuel system components and theory including different types of oil and fuel pumps. They will dismantle, inspect, and reassemble various types of lubrication and fuel systems including carburetors.

*Prerequisites: OPET 1100*

### **OPET 1150 CR-2.5**

#### **Engines & Service and Repair Equipment**

Students will learn the basic mechanical fundamentals, lubrication, and cooling systems of two- and four-stroke cycle reciprocating internal combustion engines. They will dismantle, measure, reassemble, and run single-cylinder examples of two types. Students will demonstrate their competence by servicing, diagnosing, and repairing a range of hand-held power products.

*Prerequisites: OPET 1100 and 1120 and 1130 and 1140*

## **P**

## **PARTSPERSON (PRTS)**

### **PRTS 1100 CR-2**

#### **Parts Trade Introduction and Safety**

Students will be introduced to the parts trade through a variety of information including modules and videos. They will complete practical assignments working on the parts and service counter. Students will use a variety of measuring tools and techniques to perform accurate measurements. They will identify and select mechanics' air and hand tools for use by the shop technicians. Students will complete a computer-based on-line program for Workplace Hazardous Materials Information Systems (WHMIS).

### **PRTS 1110 CR-3**

#### **Warehousing Tasks & Parts Catalogues**

Students will learn to identify and differentiate between different kinds of warehouse systems. They will set up a mini warehouse and stock items based on two types of stocking procedures. Students will become familiar with the many different catalogue systems available, and will be able to locate accurate part numbers for a variety of applications. Students will complete an assignment on the parts and service counter of approximately one week.

### **PRTS 1120 CR-4**

#### **Counter Duties and Basic Vehicular Systems**

Students will learn the principles of good inventory control and will perform inventory counts. They will complete work orders and parts sales invoices. Students will perform price calculations including chain discounts, mark-ups, and pricing structures. They will be introduced to basic engine theory and operation. Students will complete an assignment on the parts and service counter of approximately one week in length.

### **PRTS 1130 CR-3**

#### **Mechanical Parts Introduction**

Students will become familiar with the construction and operation of engine belts, hoses, filters, bearings, and batteries. They will learn to select the correct belt, hose, filter, bearing, or battery for a specific application from a variety of parts catalogues. Students will learn the requirements for storage of seals and gaskets. They will study the application and operation of a variety of automotive service technician's specialty tools including pullers, cooling system tools, brake tools, and air tools. Students will complete an assignment on the parts and service counter of approximately one week in length.

### **PRTS 1140 CR-2**

#### **Standard Stock, Lubricant & Shop Supplies**

Students will learn to identify and measure threaded fasteners and fittings, and to select the appropriate items needed from parts catalogues. They will learn about friction and lubrication as it relates to the automotive trade, and will be able to select the correct engine, transmission and gear oil based on the API and SAE classification ratings. Students will complete an assignment on the parts and service counter of approximately one week in length.

### **PRTS 1150 CR-2**

#### **Catalogues and Engine Components**

Students will locate dealer catalogue part numbers through use of a computer, microfiche, and parts catalogues. They will learn the design and function of engine blocks and internal components, cylinder heads, oil pans, valve covers, and related retail items. Students will practice selecting the correct part number from a variety of catalogues for the components mentioned above. Students will complete an assignment on the parts and service counter of approximately one week in length.

### **PRTS 1160 CR-3**

#### **Engine Support Systems**

Students will learn the function and operation of components on the lubrication system, cooling system, fuel system, and exhaust and emission control systems on automobiles. They will practice selecting, from catalogues, the correct part for applications for these systems. Students will complete a practical assignment on the parts and service counter of approximately one week in length.

## **PHILOSOPHY (PHIL)**

### **PHIL 1100 CR-3**

#### **Introduction to Philosophy**

Students will study central topics in the major areas of philosophy. They will examine a variety of philosophical perspectives on issues such as mind-body problem, the nature of reality, the limits of human knowledge, morality and moral judgement, and the justification of religious beliefs.

*Transferable (refer to transfer guide)*

### **PHIL 1101 CR-3 (formerly HUMN 1100)**

#### **Philosophy, Culture and Identity**

Students will be introduced-through literary and philosophical works-to issues connected with how the modern identity is formed and how it is constituted in Western culture.

*Transferable (refer to transfer guide)*

**PHIL 1106 CR-3****Introduction To Ancient And Medieval Philosophy**

Students will study English translations of some of the standard philosophical texts from the ancient and medieval periods. They will also learn to apply methods of philosophical analysis to these texts.

*Transferable (refer to transfer guide)*

**PHIL 1107 CR-3****Introduction to Modern Philosophy**

Students will study some of the standard philosophical texts from the modern period. They will also learn to apply methods of philosophical analysis to these texts.

*Transferable (refer to transfer guide)*

**PHIL 1110 CR-3****Confronting Moral Issues: Introduction to Ethics**

Students will consider the meaning and justification of moral judgments by examining various views on whether or not morality has an objective basis. They will be introduced to leading theories of ethical conduct and will learn to apply these theories to contemporary moral problems and workaday situations.

*Transferable (refer to transfer guide)*

**PHIL 1111 CR-3****Sustainability: Analysis and Ethics**

Students will study elements of traditional philosophy courses such as critical thinking, philosophy of science, and ethics to provide a detailed analysis of a variety of concepts of sustainability. They will examine sustainability policies and practices related to the environment, social equity, and economics.

Note: This course is cross-listed with POST 1100. Students may not get credit for both courses.

*Transferable (refer to transfer guide)*

**PHIL 1112 CR-3****Environmental Ethics**

Students will examine central problems in environmental ethics. They will investigate the philosophical implications of various views about humans' relationship to nature, and consider such topics as the extent of our obligations to non-human animals, to the environment, and to future generations.

*Transferable (refer to transfer guide)*

**PHIL 1145 CR-3****Critical Thinking**

Students will study the process of argument reconstruction and evaluation. They will focus on skills necessary that will enable them to distinguish argumentative from non-argumentative writing, rationally persuasive from rhetorically persuasive arguments, and strong from weak arguments. Students will be expected to analyze arguments from a variety of contexts such as newspaper editorials, advertising and surveys.

*Transferable (refer to transfer guide)*

**PHIL 1150 CR-3****Introduction to Formal Logic**

Students will study the basic techniques of formal deductive logic. They will learn the semantics and syntax of two artificial languages-sentential logic ( SL ) and predicate logic ( PL )-with emphasis given to the former. With the aid of the formal techniques learned in this course, students will gain insight into the nature of rational argument and sound reasoning.

*Transferable (refer to transfer guide)*

**PHIL 1155 CR-3****Introduction to Scientific Reasoning**

Students will examine the methodology behind arguments and experimentation in science, including the careful analysis of data, measurement of probability, and the formulation of various explanatory hypotheses. In so doing, they will become familiar, not only with how scientists go about their work, but with the philosophical foundations of scientific reasoning.

*Transferable (refer to transfer guide)*

**PHIL 2106 CR-3****Ancient Greek Philosophy**

Students will examine the philosophical developments in ancient Greece that gave rise to Western Philosophy, with particular emphasis on one or more of Socrates, Plato or Aristotle.

*Transferable (refer to transfer guide)*

**PHIL 2107 CR-3 (formerly PHIL 1107)****Modern Philosophy: Descartes to Kant**

Students will study some of the major philosophical texts from the modern period, beginning from the time of Descartes. They will apply methods of philosophical analysis to these texts in the exploration of epistemological, metaphysical, ethical and social-political questions.

*Prerequisites: 3 credits of PHIL or permission of the instructor*  
*Transferable (refer to transfer guide)*

**PHIL 2110 CR-3****Moral Theory**

Students will examine some of the major normative ethical theories. They will study classic works representing the major ethical traditions, including virtue theory, deontology, social contract theory, and utilitarianism. They will examine concepts such as duty, virtue, well-being or happiness, and right action. Students will obtain a critical grasp of these ethical theories and concepts by reading classic works.

*Prerequisites: 3 credits of PHIL or permission of the instructor*  
*Transferable (refer to transfer guide)*

**PHIL 2115 CR-3****Asian Philosophy**

Students will critically examine selected representative schools of philosophy in Asian traditions, including Hinduism, Confucianism, Taoism, and Zen Buddhism. They will explore such topics as reality, self, knowledge, ethics, and death.

*Transferable (refer to transfer guide)*

**PHIL 2117 CR-3****Social and Political Philosophy**

Students will examine selected central problems in social and political philosophy. They will investigate such topics as the justification of the state, the tension between individual freedom and social constraint, and theories of social justice.

*Transferable (refer to transfer guide)*

**PHIL 2120 CR-3 (formerly PHIL 1120)****Philosophy of Religion**

Students will examine arguments for and against the existence of God, as well as other traditional problems of theology, from a philosophical perspective. In the course of such examinations, they will use both classic and contemporary sources.

*Transferable (refer to transfer guide)*

**PHIL 2150 CR-3****Philosophical Paradoxes, Puzzles and Enigmas**

Students will study the history of the paradox, extending from the ancient Greeks, through the Middle Ages, the Enlightenment, and into the twentieth century. They will get a glimpse into the minds of Zeno, Socrates, Aquinas, Ockham, Pascal, Kant, Quine, Russell, and other major philosophers as they grapple with the twists and turns of philosophical riddles, sometimes finding answers and sometimes not.

*Transferable (refer to transfer guide)*

**PHIL 2210 CR-3 (formerly PHIL 1210)****Epistemology**

Students will study traditional themes in epistemology. Using classical and contemporary readings, they will examine problems related to the justification of beliefs, the nature of truth, and theories describing the foundations of knowledge.

*Prerequisites: 3 credits of PHIL or permission of the instructor*

*Transferable (refer to transfer guide)*

**PHIL 2215 CR-3 (formerly PHIL 1211)****Metaphysics**

Students will study some of the main traditional topics of metaphysics. Using classical and contemporary readings, they will investigate problems related to mind-body interactionism, space and time, free will and fatalism, and theories of reality and truth.

*Prerequisites: 3 credits of PHIL or permission of the instructor*

*Transferable (refer to transfer guide)*

**PHIL 3010 CR-3****Health Care Ethics**

Students will study various ethical and meta-ethical theories and will apply them to moral dilemmas in health care at the clinical, professional, and organizational levels. They will analyze various case studies that will help them develop competence in moral reasoning as it relates to personal, professional, and societal values-including (but not restricted to) the abortion and euthanasia debates, patient autonomy and the right to refuse treatment, two-tier health care, allocation of scarce resources, patient abuse and management of patient behaviour, alternative therapies, and the patient-caregiver relationship.

Note: This course is intended for Bachelor of Psychiatric Nursing and the Bachelor of Science in Nursing. It will not count as upper-level PHIL credits for Philosophy BA degree programs.

**PHIL 3033 CR-3 (formerly ENTR 3033)****Business Ethics**

Students will study various ethical and meta-ethical theories, and will apply them in standard business contexts, such as employer-employee relations, risk analysis, occupational and product safety, environmental protection, and multinational practices. Students will acquire the tools to allow them to make ethical business decisions.

**PHIL 3040 CR-3****Philosophy of Art**

Students will investigate central questions about the nature and value of art (e.g., painting, sculpture, music, literature, and film). They will critically examine attempts to answer questions such as the following: What is art? Is there a difference between aesthetic judgments and mere judgments of taste or subjective preference? What is beauty? Should moral considerations affect our evaluations of art?

*Prerequisites: 18 credits of 1100-level courses or higher including any 3 credits of PHIL or permission of the instructor*

*Transferable (refer to transfer guide)*

**PHIL 3100 CR-3****Great Philosophers of the 20th Century**

Students will examine the life, work, and influence of one or more notable 20th Century philosopher(s). They will apply principles of rhetoric and philosophical analysis through close reading of selected texts, informed discussion, and formal writing.

*Prerequisites: 18 credits of 1100-level courses or higher including any 3 credits of PHIL or permission of the instructor*

*Transferable (refer to transfer guide)*

**PHIL 3101 CR-3 (formerly PHIL 2101)****20th Century Analytic Philosophy**

Students will acquire a detailed historical and conceptual framework for the assessment of 20th Century philosophical analysis. They will study issues raised by Russell and others near the beginning of the 20th Century. Students will then consider the historical and conceptual unfolding of various alternative approaches to these issues by later 20th Century analytical philosophers. They will focus on a technical examination of concepts such as: truth, reference, description, and meaning.

*Prerequisites: 18 credits of 1100-level courses or higher including any 3 credits of PHIL or permission of the instructor*

*Transferable (refer to transfer guide)*

**PHIL 3105 CR-3****Life and Death**

Students will study various ethical and metaphysical issues surrounding human existence and mortality. In particular, they will investigate the two central questions, "What is a good life?" and "Is death bad for the person who dies?" Using a variety of philosophical sources, they may also examine a number of related issues, including the possibility of life after death, the relationship between personal identity and immortality, the reasons why killing is generally considered wrong, and the moral status of abortion, euthanasia, and suicide.

*Prerequisites: 18 credits of 1100-level courses or higher including any 3 credits of PHIL or permission of the instructor*

*Transferable (refer to transfer guide)*

**PHIL 3109 CR-3 (formerly PHIL 2109)****Foundations in Ethics**

Students will investigate central questions about the nature and foundations of ethical judgement. They will examine a variety of perspectives on such issues as the objectivity and prescriptivity of moral judgement.

*Prerequisites: 18 credits of 1100-level courses or higher including 3 credits of PHIL or permission of the instructor*

*Transferable (refer to transfer guide)*

**PHIL 3110 CR-3****The Possibility of Knowledge**

Students will investigate central questions about the nature and foundations of epistemic judgement. They will examine a variety of perspectives on such issues as the justification of knowledge claims and the internalism/externalism debate in epistemology.

*Prerequisites: 18 credits of 1100-level courses or higher including any 3 credits of PHIL or permission of the instructor*  
*Transferable (refer to transfer guide)*

**PHIL 3118 CR-3****Ethics and Public Policy**

Students will critically examine ethical issues in public policy through readings in classic and/or contemporary texts. They will consider topics such as policy governing life and death, sex and reproduction, freedom of speech, punishment, and the environment.

*Prerequisites: 18 credits of 1100-level courses or higher including any 3 credits of PHIL or permission of the instructor*  
*Transferable (refer to transfer guide)*

**PHIL 3119 CR-3 (formerly PHIL 2119)****Contemporary Moral Theory**

Students will consider selected problems associated with various philosophical approaches to morality. They will investigate standard moral perspectives such as Utilitarianism, Kantianism, Contractarianism, Feminist Ethics, and Virtue Theory, in order to assess their philosophical strengths and weaknesses by introducing theoretical as well as practical considerations.

*Prerequisites: 18 credits of 1100-level courses or higher including any 3 credits of PHIL or permission of the instructor*  
*Transferable (refer to transfer guide)*

**PHIL 3120 CR-3****Free Will and Determinism**

Students will examine the philosophical problems involved in assigning moral responsibility in a world governed by causes which are, ultimately, outside of our control. Using both classic and contemporary sources, they will evaluate the reasoning behind deterministic theories that deny the reality of free will, claiming that all events, including human actions, have prior causes that render them inevitable.

*Prerequisites: 18 credits of 1100-level courses or higher including any 3 credits of PHIL or permission of the instructor*  
*Transferable (refer to transfer guide)*

**PHIL 3150 CR-3 (formerly PHIL 1250)****Advanced Formal Logic**

Students will be introduced to contemporary symbolic logic. They will gain a working understanding of some symbolic languages, propositional logic and first-order predicate logic. Students will also discuss syntax and semantics at an elementary level, and soundness and completeness of first-order logical systems will be proved.

*Prerequisites: PHIL 1150 or 3 credits of MATH 1000-level or higher or permission of the instructor.*  
*Transferable (refer to transfer guide)*

**PHIL 3220 CR-3****Empiricism**

Students will study the motivations and influence of empiricism—the epistemological theory that genuine information about the world must be acquired by a posteriori or experiential means, so that nothing can be thought without first being sensed. They will analyze and compare the views of prominent empiricists such as Francis Bacon, John Locke, George Berkeley, David Hume, and John Stuart Mill.

*Prerequisites: 18 credits of 1100-level courses or higher including any 3 credits of PHIL or permission of the instructor.*  
*Transferable (refer to transfer guide)*

**PHIL 3225 CR-3****Rationalism**

Students will study the motivations and influence of rationalism—the epistemological view that regards reason as the chief source and test of knowledge. They will analyze and compare the views of prominent rationalists such as René Descartes, Benedict Spinoza, Gottfried Leibniz, and Immanuel Kant.

*Prerequisites: 18 credits of 1100-level courses or higher including any 3 credits of PHIL or permission of the instructor.*  
*Transferable (refer to transfer guide)*

**PHIL 3320 CR-3****Personal Identity**

Students will investigate various philosophical puzzles surrounding the problem of personal identity. In particular, they will contemplate the central metaphysical question, under what circumstances is a person existing at one time identical with a person existing at another time? Students will also examine problems related to the connection between personal identity and physical continuity, the psychological underpinnings of selfhood, and the relationship between personal identity and immortality.

*Prerequisites: 18 credits of 1100-level courses or higher including any 3 credits of PHIL or permission of the instructor.*  
*Transferable (refer to transfer guide)*

**PHIL 3425 CR-3****Language and Meaning**

Students will examine the nature of language through the study of topics such as truth, reference, meaning, linguistic structure, speech acts and context of use.

*Prerequisites: 18 credits of 1100 level courses or higher including any 3 credits of PHIL or permission of instructor. PHIL 1150 is recommended.*

**PHIL 3430 CR-3****Philosophy of Mind: Consciousness**

Students will investigate central questions about the nature of consciousness and the place of the mind in the physical world. They will examine competing approaches to the explanation of mental phenomena.

*Prerequisites: 18 credits of 1100-level courses or higher including any 3 credits of PHIL or permission of the instructor.*  
*Transferable (refer to transfer guide)*

**PHIL 3510 CR-3****Confronting Moral Issues: Bio-medical Ethics**

Students will examine moral problems, and proposed solutions to moral problems, in the context of health care. They will focus on case studies drawn from the bio-medical and health care fields.

*Prerequisites: 18 credits of 1100 level courses or higher including any 3 credits of PHIL or permission of instructor.*

**PHIL 3512 CR-3****Confronting Moral Issues: The Natural Environment**

Students will examine moral problems, and proposed solutions to moral problems, that pertain to the environment and human interaction with the environment. Students will examine content drawn from current issues.

*Prerequisites: 18 credits of 1100 level courses or higher, including any 3 credits of PHIL or permission of the instructor. PHIL 2110 is recommended.*

**PHIL 3533 CR-3****Confronting Moral Issues: Business Ethics**

Students will examine moral problems and proposed solutions to moral problems that arise in a business context. They will apply moral theories and models for decision-making to specific scenarios.

*Prerequisites: 18 credits of 1100-level courses or higher including any 3 credits of PHIL or permission of the instructor.*

**PHIL 3900 CR-3****Honours Research and Thesis I**

Students will conduct a literature review on a topic chosen in consultation with the instructor. They will explore a topic, narrow the topic and formulate a significant research problem. Students will carry out preliminary interpretive and analytical work on the problem.

Note: This course is the first part of a two-course series which culminates in an honours thesis. PHIL 4900 is the second part of the series.

*Prerequisites: 24 credits PHIL courses with at least a B+ and the permission of the Philosophy Department Honours Committee*

**PHIL 4040 CR-3****Topics in the Philosophy of Art**

Students will study a selected topic or body of work in the philosophy of art. Using a variety of classic and contemporary sources, they will consider one or more problems related to the nature of art (e.g., art as imitation, art as representation, art as expression, the relationship between art and form, the relationship between art and the aesthetic experience) or the nature of a specific form of art (e.g., painting, sculpture, music, literature, film). Students will discuss topics(s) that may be associated with a particular movement, time period, or philosophical figure.

Note: This is a seminar-based course. The specific course content will be established in advance by the instructor.

*Prerequisites: 60 credits of 1100-level courses or higher including any 6 credits of PHIL or permission of the instructor  
Transferable (refer to transfer guide)*

**PHIL 4110 CR-3****Topics in Ethics**

Students will engage in an in-depth study of a selected topic in applied ethics, normative ethics, or metaethics, which may be associated with a particular movement, time period, or philosophical figure.

Note: This is a seminar-based course. Students may take this course more than once, as topics vary, with permission of the department chair. The topic in a given semester will be determined in advance by the department. Please check with the department for the current topic.

*Prerequisites: 60 credits of 1100-level courses or higher including any 6 credits of PHIL or permission of the instructor  
Transferable (refer to transfer guide)*

**PHIL 4117 CR-3****Topics in Social and Political Philosophy**

Students will study a selected theme, issue, or body of work in the area of socio-political philosophy. They will examine one or more theoretical approaches-e.g., Marxism, feminism, liberalism, communitarianism, post-modern political theory-and then consider the implications of the examined approach(es) for issues like the nation state, globalization, restructuring, and the social policies surrounding welfare and health care.

Note: This is a seminar-based course. Students may take this course more than once, as topics vary, with permission of the department chair. The topic in a given semester will be determined in advance by the department. Please check with the department for the current topic.

*Co-requisites: 60 credits of 1100-level courses or higher including any 6 credits of PHIL or permission of the instructor 60 credits of 1100-level courses or higher including any 6 credits of PHIL or permission of the instructor  
Transferable (refer to transfer guide)*

**PHIL 4120 CR-3****Topics in the Philosophy of Religion**

Students will study a selected theme, issue, or body of work in the philosophy of religion. Using a variety of textual sources and strict principles of philosophical analysis, they will consider one or more problems related to traditional arguments for God's existence, arguments against the existence of God, the role of faith in religious belief, the status of miracles, the relationship between science and religion, or the relationship between religion and morality.

Note: This is a seminar-based course. The specific course content will be established in advance by the instructor.

*Prerequisites: 60 credits of 1100-level courses or higher including any 6 credits of PHIL or permission of the instructor  
Transferable (refer to transfer guide)*

**PHIL 4210 CR-3****Topics in Epistemology**

Students will study a selected topic or body of work in the field of epistemology. Using a variety of classic and contemporary sources, they will consider one or more themes related to defining knowledge, scepticism and the Pyrrhonian problem, foundationalism and coherentism, epistemic justification, contextualism and relativism, epistemology and science, or the relationship between epistemology and human cognition. Students will discuss topics(s) that may be associated with a particular movement, time period, or philosophical figure.

Note: This is a seminar-based course. Students may take this course more than once, as topics vary, with permission of the department chair. The topic in a given semester will be determined in advance by the department. Please check with the department for the current topic.

*Prerequisites: 60 credits of 1100-level courses or higher including any 6 credits of PHIL or permission of the instructor  
Transferable (refer to transfer guide)*



### **PHIL 4215 CR-3**

#### **Topics in Metaphysics**

Students will study a selected topic or body of work in the field of metaphysics. Using a variety of classic and contemporary sources, they will consider one or more themes related to the nature of universals and particulars, time and space, appearance and reality, persistence and change, personal identity, free will and determinism, causation, the nature of physical substance, or the feasibility of metaphysics as a genuine philosophical pursuit. Students will discuss topic(s) that may be associated with a particular movement, time period, or philosophical figure.

Note: This is a seminar-based course. Students may take this course more than once, as topics vary, with permission of the department chair. The topic in a given semester will be determined in advance by the department. Please check with the department for the current topic.

*Prerequisites: 60 credits of 1100-level courses or higher including any 6 credits of PHIL or permission of the instructor Transferable (refer to transfer guide)*

### **PHIL 4430 CR-3**

#### **Topics in the Philosophy of Mind**

Students will study a selected theme, issue, or body of work in the philosophy of mind. Using a variety of textual sources and strict principles of philosophical analysis, they will consider one or more problems related to the traditional mind-body debate, the nature of consciousness, mental causation, psycho-physical supervenience, or intentionality. Students will discuss topic(s) that may be associated with a particular movement, time period, or philosophical figure.

Note: This is a seminar-based course. Students may take this course more than once, as topics vary, with permission of the department chair. The topic in a given semester will be determined in advance by the department. Please check with the department for the current topic.

*Prerequisites: 60 credits of 1100-level courses or higher including any 6 credits of PHIL or permission of the instructor Transferable (refer to transfer guide)*

### **PHIL 4900 CR-3**

#### **Honours Research and Thesis II**

Students will develop a philosophical position on a research question while working closely with the instructor. They will prepare an extended written discussion of the position developed in a format typical of articles in professional philosophical journals or otherwise suitable as an honours thesis.

Note: This course is a continuation of PHIL 3900.

*Prerequisites: PHIL 3900 with at least a B+ and permission of the Philosophy Department Honours Committee*

## **PHYSICS (PHYS)**

### **PHYS 1100 CR-4**

#### **Introductory Physics**

Students in this survey course will study kinematics and dynamics in one and two dimensions, energy and momentum conservation, electricity and magnetism, waves, and geometric optics. In the lab students will also study basic techniques of measurement, including the use of computers and report writing.

Note: This is a preparatory course for students who have not passed Principles of Physics 12

*Prerequisites: Strongly recommended: PHYQ 1098 or ABEP 0011 or PHYP 1011 or Principles of Physics 11 or Applications of Physics 12.*

*Co-requisites: MATH 1112 Note: No corequisite is required if a student has completed Principles of Mathematics 12 with a C Transferable (refer to transfer guide)*

### **PHYS 1101 CR-4**

#### **Physics for Life Sciences I**

Students will learn about translational and rotational kinematics and dynamics; simple harmonic motion, waves and sound; work, power, energy, and momentum with linear, rotational and oscillatory motion; fluids; and heat. They will use computers extensively in the lab for data collection and analysis.

*Prerequisites: PHYS 1100 or Principles of Physics 12 (with a P)  
Co-requisites: MATH 1120 or 1130 or 1140  
Transferable (refer to transfer guide)*

### **PHYS 1102 CR-4**

#### **Physics for Life Sciences II**

Students will learn about electrostatic forces and fields; magnetic forces, fields, and induction; AC circuits; wave optics; quantum and atomic physics; and radioactivity. They will use computers extensively in the lab for data collection and analysis.

*Prerequisites: PHYS 1101 or PHYS 1120  
Co-requisites: MATH 1220 or 1230 or 1240  
Transferable (refer to transfer guide)*

### **PHYS 1112 CR-3**

#### **Reel Physics**

Students will study a wide range of physical concepts in the context of popular culture. They will investigate the often-incorrect portrayal of basic physics in varied source material (movies, television, and print media). Students will critically view source materials and determine when the physics has been correctly or incorrectly portrayed.

NOTE: This is an introductory course in physics intended for students not specializing in science or applied science, but will utilize basic arithmetic skills. No prior study of physics is required.

*Transferable (refer to transfer guide)*

### **PHYS 1120 CR-4**

#### **Physics for Physical and Applied Sciences I**

Students will learn about statics, dynamics, oscillations, mechanical waves and sound. They will use computers extensively in the lab for data collection and analysis.

*Prerequisites: PHYS 1100 or Principles of Physics 12 (with a C)  
Co-requisites: MATH 1120 or 1130  
Transferable (refer to transfer guide)*

### **PHYS 1170 CR-3**

#### **Mechanics I**

Students will study the statics, kinematics and dynamics of particles and rigid bodies. They will apply vector analysis to three-dimensional static-equilibrium problems, and differential and integral calculus to dynamics problems, as well as make use of Newton's laws and the concepts of impulse, momentum, work and energy. Students will focus on the analysis of practical mechanics problems in two and three dimensions.

Note: This is an Applied Science (Engineering) course.

*Prerequisites: PHYS 1120*

*Co-requisites: MATH 1220 MATH 1220*

*Transferable (refer to transfer guide)*

### **PHYS 1220 CR-4**

#### **Physics for Physical and Applied Sciences II**

Students will learn about optics, modern physics, electricity and magnetism. They will use computers extensively in the lab for data collection and analysis.

Note: Students who intend to go on in the physical or applied sciences must take MATH 1220 to ensure transfer credit

*Prerequisites: PHYS 1120 or 1101*

*Co-requisites: MATH 1220 or 1230*

*Transferable (refer to transfer guide)*

### **PHYS 2101 CR-2.5**

#### **Experimental Physics I**

Students will learn how physical principles are applied in designing experiments and analyzing their results. They will learn the electronic skills necessary to work in a modern physics laboratory. Students will perform experiments in basic analogue and digital electronics, learn the use of standard electronic instrumentation, and use the computer for data analysis.

*Prerequisites: PHYS 1220*

*Co-requisites: MATH 2321 or 2232 or 2233*

*Transferable (refer to transfer guide)*

### **PHYS 2201 CR-2.5**

#### **Experimental Physics II**

Students will learn how physical principles are applied in designing experiments and analyzing their results. They will use analogue and digital electronics, electronic instrumentation and computers, in the acquisition of experimental data. Students will perform experiments in thermodynamics, electronics, and modern physics, and will use computers in modelling, data analysis, and in writing reports.

*Prerequisites: PHYS 2101*

*Transferable (refer to transfer guide)*

### **PHYS 2330 CR-3**

#### **Intermediate Mechanics**

This course extends the concepts covered in PHYS 1120. Students will study the general motion of particles and rigid bodies, inertial and non-inertial frames of reference, the harmonic oscillator, and central forces.

*Prerequisites: PHYS 1120 or (PHYS 1101 with a B or better)*

*Co-requisites: MATH 2321*

*Transferable (refer to transfer guide)*

### **PHYS 2420 CR-3**

#### **Intermediate Electricity and Magnetism**

Students will learn the principles of electricity and magnetism at an intermediate level. Topics covered are: electrostatic forces and fields, electric potential, capacitance and dielectrics, DC and AC circuits, magnetic fields, magnetic properties of materials, and introduction to semi-conductor devices and Maxwell's equations.

*Prerequisites: PHYS 1220 or (1102 with a B or better)*

*Co-requisites: MATH 2321 (MATH 3322 is strongly recommended) MATH 2321 (MATH 3322 is strongly recommended)*

*Transferable (refer to transfer guide)*

### **PHYS 2421 CR-2**

#### **Laboratory in Electric Circuits**

Students will learn about: measuring voltage, frequency and phase angle using an oscilloscope; charging and discharging of a capacitor; RC, RL and LCR circuits; resonance and oscillations; rectification and filter circuits; transistor characteristics and amplification; and operational amplifiers.

*Prerequisites: PHYS 1220 or (1102 with a B or better.)*

*Co-requisites: MATH 2321 and PHYS 2420*

*Transferable (refer to transfer guide)*

### **PHYS 2424 CR-3**

#### **Relativity and Quanta**

Students will study special relativity and quantum physics at an intermediate level. They will examine aspects and applications of Lorentz transformation, dynamics and conservation laws. Students will also review the experimental evidence for quantization and conduct a qualitative discussion of quantum mechanics and their application to simple systems of atoms and nuclei.

*Prerequisites: (PHYS 1102 or 1220) and (MATH 1220 or 1230)*

### **PHYS 3202 CR-3**

#### **Biophysics**

Students will study the biomechanics of the skeletal system, the strength of materials as it applies to the human body, the fluid dynamics of the circulatory system, diffusion and Brownian motion, thermoregulation of the body, the optics and neurophysics of vision, the acoustics of the ear and the human voice, electrical models of nerve conduction, and radiation dosimetry.

*Prerequisites: (PHYS 1101 or 1120) and (MATH 1120 or 1130)*

*Note: PHYS 1220 is recommended*

*Co-requisites: BIOL 1210*

*Transferable (refer to transfer guide)*

## **PHYSICS QUALIFYING (PHYQ)**

### **PHYQ 1098 CR-4**

#### **Introduction to Physics**

Students will learn introductory concepts of physics, exploring energy in the fields of mechanics, dynamics, heat, waves, electricity, and light. They will extend these concepts to investigate renewable and sustainable sources of energy as future replacements for fossil fuel sources.

*Prerequisites: Math 10 or ABEM 0010 or MATP 1010 or MATQ 1092 or ACP Assessment*

## PLUMBING (PLMB)

### PLMB 1101 CR-2

#### Safety in the Workplace

Students will address safe work practices and how they pertain to construction work sites. They will examine the Occupational Health and Safety Regulation and Guidelines of WorkSafe BC applicable to the plumbing trade. Students will be able to demonstrate and use general safe work practices and procedures when using tools and equipment, practice the safe handling and storage methods for materials and equipment. They will receive basic St. John's First Aid, Hilti Powder Actuated Tool, Ipex Gluing and Workplace Hazardous Materials Information System (WHMIS) certificates.

### PLMB 1105 CR-6

#### Organization of Work

Students will use mathematics and science to solve problems in the plumbing trades. They will interpret engineering drawings and sketches and will make decisions pertaining to the installation, positioning, and/or maintenance of piping and fixtures currently used in the plumbing trade. Students will use codes and standards in the application of shop projects, as well as describe and use manufacturer and supplier documentation encountered in the plumbing trade.

### PLMB 1110 CR-4

#### Prepare and Assemble Plumbing Components

Students will describe piping and tubing materials used in the plumbing trade. They will join piping, for example: plastic, copper, and carbon steel. Students will describe, select, and install valves used in the plumbing trade. They will describe fittings and connection methods, select, and install fittings. Students will be able to use acceptable methods of structure penetration.

### PLMB 1121 CR-5

#### Tools and Equipment

Students will develop basic skills to identify, select, inspect, use, and maintain hand tools and stationary, as well as portable power tools, appropriate to plumbing processes. They will complete shop projects that involve bench work to practice hand skills using a variety of industry related tools. Students will develop skills involving soldering and rigging equipment along with but not limited to ladders, knots and platforms.

## POLICY STUDIES (POST)

### POST 1100 CR-3

#### Sustainability: Analysis and Ethics

Students will study elements of traditional philosophy courses such as critical thinking, philosophy of science, and ethics to provide a detailed analysis of a variety of concepts of sustainability. They will examine sustainability policies and practices related to the environment, social equity, and economics.

Note: Students in the Policy Studies (POST) program must take POST 1100, the first of four umbrella courses required for this degree. This course is cross-listed with PHIL 1111. Students may not get credit for both courses.

*Transferable (refer to transfer guide)*

### POST 3100 CR-3

#### Economics of Sustainability Policy

Note: Students may earn credit for only one of ECON 3100 and POST 3100, as they are identical courses.

*Prerequisites: ECON 2260*

### POST 3110 CR-3

#### Applied Policy Seminar I

Students will study a specific set of applications of the principles of sustainability policy under the guidance of a practitioner. They will work in groups and examine specific situations and case studies to gain an insight into the practical difficulties of decision making and policy setting as it applies to real-life situations. They will study how concepts of ethics, governance, and economics are integrated. They will analyze the sustainability aspects of projects on topics such as water conservation, climate change mitigation, or food security.

Note: This course is restricted to BA in Policy Studies program students.

*Prerequisites: 60 credits of 1100-level or higher courses with a C or better*

### POST 4110 CR-3

#### Applied Policy Seminar II

Students will study applications of sustainability policy under the guidance of a practitioner. They will examine complex real-life situations and case studies, such as impacts of policy decisions on climate change mitigation, energy efficiency, subsidized housing, green space conservation, and others. They will study how concepts of ethics, governance, and economics, as well as the psychology of public behaviour, are integrated into policy decision making for sustainability. They will work in groups on a specific project, liaise with community stakeholders, and make recommendations for action in a formal presentation to stakeholders.

Note: This course is restricted to BA Policy Studies program students.

*Prerequisites: POST 3110*

## POLITICAL SCIENCE (POLI)

### POLI 1110 CR-3 (formerly POLI 2110)

#### Ideology and Politics

Students will study and critically analyze the political ideologies that have played an important role in shaping the 20th century and the present political landscape, and that have influenced the political attitudes and actions of individuals, groups and societies.

*Transferable (refer to transfer guide)*

### POLI 1120 CR-3 (formerly POLI 2420)

#### Canadian Government and Politics

Students will examine Canadian political culture, including the challenges to Canadian unity posed by those with separatist sentiments. They will discuss regionalism, multiculturalism, cultural and linguistic duality, bilingualism, Canadian identity, political parties and ideologies, the bureaucracy, federalism, the economy, constitutional change, and other topics of current interest.

*Transferable (refer to transfer guide)*

**POLI 1123 CR-3****Politics in the City**

Students will study the evolution of politics at the municipal level in Canada, including political parties and civic movements, the local management of services, labour relations, lobby groups, budgeting, and policy making. They will examine the relationships between municipal governments and the provincial and federal governments, and explore other topics of current interest relating to city politics in Canada.

*Transferable (refer to transfer guide)*

**POLI 1125 CR-3****Introduction to Political Science**

Students will study basic terms and concepts relevant to the study of institutions and processes in government. They will acquire an understanding of Canadian government and politics and will compare Canada to other countries in order to further a broad understanding of the effect of politics and government on the population.

*Transferable (refer to transfer guide)*

**POLI 1145 CR-3 (formerly POLI 2145)****Introduction to Comparative Government and Politics**

Students will study, and critically analyze, the key topics in the field of comparative politics, with a special emphasis on understanding the dynamics that shape the character and quality of contemporary political systems.

*Transferable (refer to transfer guide)*

**POLI 1150 CR-3 (formerly POLI 2147)****Introduction to International Relations**

Students will develop the analytical skills with which to explain or understand world politics. They will be introduced to the intellectual tools such as core concepts and schools of thought, in order to make sense of the complex world of international politics. Students will explore a broad range of contemporary topics, including the role and importance of various state and non-state actors, the promotion of international order, and salient features of the international political economy, including the disparities between the countries of the North and South.

*Transferable (refer to transfer guide)*

**POLI 2120 CR-3****Government Politics of the Prairie Provinces**

Students will study the structures and processes of government in the Canadian Prairie Provinces. Students will study the role of the national government in shaping the Prairies and will analyze the theoretical approaches to federalism and regionalism. Comparisons with other Canadian provinces will enhance student awareness of different political traditions and allow them to develop reasoned judgments about politics and government in their home province as well as the country as a whole.

*Prerequisites: POLI 1125 or 1120*

**POLI 2121 CR-3****Law and Politics: The Charter of Rights and Freedoms**

Students will study the concepts of rights and freedoms as they have been treated historically in Canada, and will analyze the place of rights in Canadian law prior to the entrenchment of the Charter of Rights and Freedoms. They will examine the Charter and the role of the courts with emphasis on the Supreme Court, and will discuss the place of rights and courts in a democratic society. Students will study the legalization of politics and politicization of the judiciary to better understand recent developments in Canadian law and politics regarding rights

*Prerequisites: 3 credits of 1100 level POLI courses*

*Transferable (refer to transfer guide)*

**POLI 2130 CR-3****International Relations Theory**

Students will learn the theories of International Relations, from realism and liberalism to "radical" challengers such as Marxism, dependency theory, critical theory, postmodernism, and feminism. Students will explore, debate, and compare theories to develop a solid grasp of the different perspectives and to establish their own theoretical preferences.

*Prerequisites: 3 credits of 1100 level POLI courses*

*Transferable (refer to transfer guide)*

**POLI 2131 CR-3****European Integration**

Students will acquire a detailed factual and conceptual framework for the analysis of the process of European integration. They will study the historical origins of the European Union (EU), the institutions (structure and process) and the challenges of integration in the 21st century. Students will focus on the political, social, and economic impacts on the member states, the tension between nation-state and confederation, supra-national citizenship, democracy and regional integration, and the role and status of the EU in world affairs.

*Prerequisites: 3 credits of 1100-level POLI courses*

**POLI 2140 CR-3****Comparative Politics of Asia**

Students will be introduced to the government and politics of key Asian states. They will learn about the dynamics that shape the character and quality of contemporary Asian political systems, the underlying assumption being that "they who know only one country, know no country well." Students will enhance their understanding of political transformation in a comparative context will be enhanced by the study of different Asian countries.

*Prerequisites: 3 credits of 1100-level POLI courses*

*Transferable (refer to transfer guide)*

**POLI 2150 CR-3****States, Markets, Globalization: International Political Economy**

Students will acquire a detailed conceptual framework for the analysis of the international political economy. They will study the dynamic interaction among states, societies, firms, and markets, at the international level. Students will focus on major "IPE" perspectives and theories, and learn to apply these to issue areas including monetary and financial relations, international trade, foreign investment, foreign debt, and development finance.

*Prerequisites: 3 credits of 1100-level POLI courses*

*Transferable (refer to transfer guide)*

**POLI 2155 CR-3****War, Crime, and Violence: Contemporary Political Conflict**

Students will study the sources and nature of major contemporary international and national conflicts, such as disputes between the great powers, rich nations and poor nations, between Third World countries and within states. Students will focus on the phenomena of war, violence, and crime.

*Prerequisites: 3 credit of 1100-level POLI courses, or HIST 2335 Transferable (refer to transfer guide)*

**POLI 2235 CR-3****British Columbia Government and Politics**

Students will examine British Columbia's political culture and various elements affecting it, such as immigration, native land claims, primary and secondary resource industries, federal-provincial relations, interest group behaviour, union activity, environmental issues, political parties, and government policy-making.

*Prerequisites: 3 credits of 1100-level POLI courses Transferable (refer to transfer guide)*

**POLI 3100 CR-3****American Government and Politics**

Students will examine the institutions and processes associated with the federal government of the United States. They will study the executive, legislative and judicial branches, as well as the party system, the electoral system and election finance. Students will analyze the policy making process in America employing both foreign and domestic examples to highlight the important roles played by pressure groups, corporations and the media.

*Prerequisites: Any 18 credits of 1100-level or higher, including any 3 POLI credits (POLI 1110 or 1125 or 1145 recommended) Transferable (refer to transfer guide)*

**POLI 3122 CR-3****Introduction to Canadian Foreign Policy**

Students will examine the history and current state of the foreign and defence policies of Canada. They will also study the following specific areas: domestic and foreign influences on policy, governmental structures affecting policy, the interplay of trade, defence and diplomatic decision-making. Students will appraise recent policy initiatives with a view to developing an understanding of Canada's place in the global community.

*Prerequisites: Any 18 credits of 1100-level or higher, including any 3 POLI credits (POLI 1110 or 1120 recommended)*

**POLI 3125 CR-3****Nationalism in Canadian Politics**

Students will probe the intersection of nationalism and ideology in Canadian politics, examining varieties of Canadian nationalism, and the challenges that Quebec and aboriginal nationalisms pose to the Canadian state. They will also engage multicultural visions of Canadian nationhood. Students will gain an enriched understanding of the diversity and complexity of nationalism in Canada, a deeper command of key moments in Canadian thought, and a sharpened sense of the normative problems involved in nationalism.

*Prerequisites: Any 18 credits of 1100-level or higher, including any 3 POLI credits (POLI 1110 or 1120 recommended)*

**POLI 3145 CR-3****Borderlands: Trans-border Regions in an Era of Globalization**

Note: (This course will be discontinued in March, 2012.)

Students will acquire a factual and conceptual framework for the comparative analysis of transborder regions. They will analyze two types and two levels of transborder regions: peaceful and conflictual, and regional-continental, and local. Students will review a spectrum of transborder areas in the Americas, West and East Europe, and Asia. They will address the challenges of multi-level governance in the 21st century in the context of case studies of peaceful transborder regions. Students will analyze the political, social, economic and environmental impacts of transborder integration; the tension between nation-state, inter-governmentalism and supra-nationalism; identity, citizenship and democracy; and the status of transborder regions in domestic and world affairs

*Prerequisites: Any 18 credits of 1100-level or higher, including any 3 POLI credits (POLI 2130 recommended) Transferable (refer to transfer guide)*

**POLI 3146 CR-3****Government and Politics of India**

Students will explore the political economy of South Asia in general and India in particular. They will also explore some of the conceptual frameworks in which the politics of the South Asian region is studied. Students will develop a critical understanding of similarities and differences in the preconceptions of these frameworks, their basic tenets and relevant insights. They will be able to address more specialized issues related to the government and politics of India within a comprehensive conceptual framework of development and modernization.

*Prerequisites: POLI 2140 or 2130 Transferable (refer to transfer guide)*

**POLI 3147 CR-3****Foreign Policies of the Major Powers**

Students will acquire a factual and conceptual comparative framework of foreign policy as practiced by major powers. They will analyze the types of powers, various foreign policies, styles of foreign policy, constellation of the major powers and the target audience of the major powers. Students will review some case studies on the challenges arising to, and by, the major powers. They will explore, debate, and compare theories to develop a solid grasp of the different theoretical perspectives of the foreign policies of major powers, and will establish their own theoretical preferences.

*Prerequisites: Any 18 credits of 1100-level or higher, including 3 credits of POLI 1125 or 1145 or 1150 (POLI 2130 recommended) Transferable (refer to transfer guide)*

**POLI 3150 CR-3****American Foreign Policy**

Students will examine the historical patterns of, and contemporary issues in, U.S. foreign policy. They will discuss the challenges faced by the U.S., its increasing reliance on unilateralism, and the response of other great powers to the U.S. in the Cold War and post-Cold War era. Students will also examine the sources of American foreign policy and will explore the linkages among political institutions, the policy formulation process, and policy outcomes.

*Prerequisites: Any 18 credits of 1100-level or higher, including 3 credits of POLI 1125 or 1145 or 1150 (POLI 2130 recommended)*

**POLI 3160 CR-3****International Organizations**

Students will acquire a basic knowledge of the nature, activities, and problems of international organizations in political, economic, and social issue-areas. They will analyze the historical evolution, structural mechanisms, and governance styles of these organizations in addressing various global problems. Students will critically examine the most prominent theoretical and conceptual approaches to the analysis of international organizations, with particular emphasis on the notions of multilateralism and global governance.

*Prerequisites: Any 18 credits of 1100-level or higher, including 3 credits of POLI 1125 or 1145 or 1150 (POLI 2130 recommended)*

**POLI 3170 CR-3****International Peacekeeping**

Students will examine the multiple dimensions of peacekeeping operations in the world. They will explore the origin and growth of peacekeeping operations undertaken by international organizations, particularly the UN and the regional organizations, and the debate about the philosophy and strategy of peacekeeping operations. Students will analyze case studies, assess the strengths and weaknesses of overall peacekeeping operations, and evaluate the lessons to be learned from the past

*Prerequisites: Any 18 credits of 1100-level or higher, including 3 credits of POLI 1125 or 1145 or 1150  
Transferable (refer to transfer guide)*

**POLI 3190 CR-3****Selected Topics in Canadian Politics**

Students will engage in an intensive study of an important selected issue, or related set of issues, in Canadian politics, as chosen by the instructor. Students will conduct readings, research, and class discussion at an advanced undergraduate level and be expected to demonstrate an effective mastery of the topic in question.

NOTE: Students may take this course multiple times for further credit on different topics.

*Prerequisites: 18 credits of 1100-level or higher, including any 3 POLI credits  
Transferable (refer to transfer guide)*

**POLI 3199 CR-3****Selected Topics in International Politics**

Students will engage in an intensive study of an important selected issue, or related set of issues, in international politics, as chosen by the instructor. Students will conduct readings, research, and class discussion at an advanced undergraduate level and be expected to demonstrate an effective mastery of the topic in question.

NOTE: Students may take this course multiple times for further credit on different topics.

*Prerequisites: 18 credits of 1100-level or higher, including any 3 POLI credits  
Transferable (refer to transfer guide)*

**POLI 3240 CR-3 (formerly POLI 1240)****Chinese Government and Politics**

Students will learn the characteristics of the Chinese civilization, the reform and revolution in the pre-Communist era, the Communist road to power, the development of Chinese politics from 1949 to the present, and China's international relations.

*Prerequisites: POLI 1125 (POLI 2145 strongly recommended)  
Transferable (refer to transfer guide)*

**POLI 4125 CR-3****The Politics of Multiculturalism in Canada**

Students will critically explore the political issues raised by Canada's experience with cultural and religious diversity, informed by theoretical approaches to the wider themes of culture and religion in politics. They will examine the evolution of Canada's policy of official multiculturalism and the broader meanings attached to the term 'multiculturalism,' considering, in the process, liberal, nationalist, and radical critiques of multiculturalism in theory and practice. Students will also critically engage theoretical issues around the relationship between religious and cultural pluralism, and debates over the role of religion in the public life of a pluralistic society such as Canada.

NOTE: This is a seminar course.

*Prerequisites: 45 credits at 1100-level or higher, including 3 POLI credits (POLI 1120 recommended)  
Transferable (refer to transfer guide)*

**POLI 4210 CR-3****Democracy: Classic and Contemporary Debates**

Students will critically examine democratic thought. They will explore such questions as the nature and foundation of democratic beliefs, critiques of democracy both ancient and modern, affinities and tensions between liberal and democratic ideals, and contemporary visions of democracy and their critics.

NOTE: This is a seminar course.

*Prerequisites: 45 credits at 1100-level or higher, including 3 POLI credits (POLI 1110 highly recommended)  
Transferable (refer to transfer guide)*

**POLI 4330 CR-3****International Human Rights**

Students will critically examine a variety of issues relating to human rights, including the theoretical underpinnings of human rights, the categories of rights, the mechanisms available for their implementation, and issues relating to their effectiveness. They will probe the reasons why human rights violations continue to occur in many regions of the world, critically assess the emergence and evolution of the current international human rights regime, and explore the conditions that foster or hinder the implementation of international human rights norms.

Note: This is a seminar course.

*Prerequisites: POLI 1125 and 1150  
Transferable (refer to transfer guide)*

**POLI 4340 CR-3****Public International Law**

Students will examine conceptual, theoretical, and empirical dimensions of international law. They will explore the distinction between public and private international law, and probe a range of general areas of law, including: human rights and humanitarian law, as well as specialized international law, including criminal; environmental; trade and investment; and space law. Students will analyze the application of international law at the national level, with special emphasis on the incorporation of international law within the law of Canada. They will examine the challenges of international treaty making; legal compliance and enforcement; international dispute resolution; and will explore the relationship between international law and international relations.

NOTE: This is a seminar course.

*Prerequisites: 3 credits of 3000 level POLI  
Transferable (refer to transfer guide)*

### **POLI 4420 CR-3**

#### **Issues in Public Policy and Administration**

Students will acquire a detailed factual and conceptual framework for the analysis of specific topics within the discipline of public policy and administration. They will critically examine such subjects as the role of government, government intervention, the role and structure of government bureaucracies, interest and pressure groups, the management of the political process, and the relationship between public and foreign policy.

NOTE: This is a seminar course.

*Prerequisites: Any 3000 level POLI course  
Transferable (refer to transfer guide)*

## **POWER LINE TECHNICIAN (PTEC)**

### **PTEC 1098 CR-3**

#### **Physics and Math for Power Line Technicians**

Students will learn the physics underlying electric power distribution and power line rigging, and the math necessary to use that physics. They will learn to predict the current, voltage, and power usage in various electric circuits, up to and including circuits of resistors in series and parallel with more than one power supply and circuits of resistors, capacitors and inductors in series or in parallel. Students will also learn to predict the forces involved in ensuring the safe construction and maintenance of electrical power lines.

*Prerequisites: Prerequisites: [ABEM 0082 or 0011 or PSPM 1082 or MATP 1011 or Math 1093 or Principles of Math 11 or Applications of Math 11] and [ABEP 0088 or 0011 or PSPP 1088 or PHYP 1012 or Physics 11]*

### **PTEC 1101 CR-3**

#### **Electrical Safe Work Practices and Regulations**

Students will be introduced to provincial and electrical utility-specific safety regulations and policies. They will explore personal protective equipment selection, field communication procedures, energized line limits of approach, equipment and grid lock-out procedures and grounding as related to the electrical utilities industry. Students will perform practical exercises including: Fire Suppression, WHMIS, First Aid Level 1, and will acquire Transportation of Dangerous Goods training. They will operate in diverse environments (manhole, bucket truck, pole top).

### **PTEC 1103 CR-1.5**

#### **Introductory Computer Skills**

Students will learn basic personal computer skills to search the Internet and to communicate information through e-mail, word processing, spreadsheets, and presentation software.

### **PTEC 1105 CR-1.5**

#### **Communications and Team Building**

Students will practise and apply elements of communication skills, teamwork, problem-solving, and situational leadership. They will write resumes, cover letters, and will practise interviewing skills. Students will learn to respond effectively to critical incidents.

### **PTEC 1106 CR-1.5**

#### **Applied Electrical Theory**

Students will learn the fundamental principles of electrical theory. They will apply these principles to single-phase motors and generators, single-phase transformation and transformer construction, polarity, ratios, series and parallel installation, and load checks. Students will also learn about single-phase, primary and secondary metering for the utility industry.

### **PTEC 1107 CR-1.5**

#### **Electrical Tools and Instruments**

Students will learn the care and use of tools commonly used in the electric utility industry. They will learn how to select, use, and maintain hand tools and common power tools. Students will complete practical exercises.

### **PTEC 1108 CR-1.5**

#### **Electrical Utility Equipment**

Students will operate some of the heavy equipment used in the electric utility industry and will care for hydraulic-equipped vehicles. They will gain familiarity with heavy-line equipment.

### **PTEC 1109 CR-1.5**

#### **Basic Rigging and Lifting**

Students will learn the physics and practices of safe equipment-assisted lifts. They will use basic rigging and lifting equipment.

### **PTEC 1110 CR-3**

#### **Electrical Utility Climbing**

Students will identify, select, use, and maintain electric utility wood-pole climbing equipment. They will test poles to assess if they can be climbed safely. Students will climb wood poles and structures, and will work on elevated and suspended platforms.

### **PTEC 1111 CR-2.5**

#### **Electrical Overhead and Underground Distribution**

Students will learn the key parameters used in the identification and selection of electrical overhead hardware and supports. They will learn the principles of construction and maintenance of distribution lines. Students will identify line status and identify and select pertinent installation hardware to construct distribution lines.

### **PTEC 1113 CR-1**

#### **Physical Fitness**

Students will practise to meet industry's physical bona fide occupational requirements embodied in a physical capacity test. They will complete a series of aerobic, strength, and flexibility routines performed three times a week to develop aerobic capacity.

## **PSYCHIATRIC NURSING (PSYN)**

### **PSYN 1100 CR-5**

#### **Individuals and Their Health**

Students will explore the personal meaning of health. They will complete health assessments, and counsel individuals on health maintenance in the practice setting. Students will examine select theoretical and conceptual frameworks addressing caring, mental health, and the role of the Registered Psychiatric Nurse (RPN) in working with individuals. They will explore the individual's experience of health and how it's affected by social determinants.

*Co-requisites: ENGL 1100 and PSYC 1100 and BIOL 1160 ENGL 1100 and PSYC 1100 and BIOL 1160*

### **PSYN 1200 CR-5**

#### **Families and Their Health : Psychiatric / Mental Health Nursing**

Students will recognize the effects of mental health challenges in the individual and the family. They will apply psychiatric nursing interventions guided by nursing theories and the lived experience of families.

*Prerequisites: PSYN 1100*

*Co-requisites: ANTH 1100 and BIOL 1260 and three credits of 1200-level ENGL*

**PSYN 2100 CR-6.5****Groups and Their Health: Psychiatric/Mental Health Nursing**

Students will examine roles, relationships, challenges, and interventions for groups. They will apply select theories of group dynamics in co-leading small heterogeneous and homogeneous groups composed of persons experiencing mental health challenges. Students will experience the role of the RPN in working through stages such as forming, norming, storming and performing.

*Prerequisites: PSYN 1200*

*Co-requisites: PSYN 2120*

**PSYN 2120 CR-3****Pharmacology and Other Therapeutics: Psychiatric/Mental Health Nursing**

Students will learn pharmacodynamics: generic and trade names of medications, formulary drugs, non-formulary drugs, alternative, traditional and complementary therapies. They will practice safe medication administration including preparing and administering drugs, and assessing responses to medications and other therapeutics in simulations.

*Prerequisites: PSYN 1200*

*Co-requisites: PSYN 2100*

**PSYN 2200 CR-7****Psychiatric/Mental Health Nursing: Acute Care as Community**

Students will apply select theories to maintain, restore, or improve the health of people in acute care communities. They will assess these communities using both a needs assessment and a community development model to facilitate informed health care decision-making. Students will apply knowledge of acute health care challenges and use nursing assessment and intervention skills in caring for individuals in a community context.

*Prerequisites: PSYN 2100 and PSYN 2120 and SOCI 1125 and (ANTH 2142 or CRIM 2330)*

**PSYN 3100 CR-7****Community Health: Psychiatric Mental Health Nursing**

Students will apply community development models working with communities to maintain, restore, or improve the health of people in communities. They will have practice in a variety of communities where psychiatric and mental health needs can be addressed.

*Prerequisites: PSYN 2200 or (CAHS 3500 or NRSRG 3190 for RPN's only)*

*Co-requisites: PSYN 3120 and WOMN 3100*

**PSYN 3120 CR-3****Psychiatric/Mental Health Nursing: Health Care Economics, Leadership and Management**

Students will explore theory of basic economics and management with a focus on health care in Canada. They will develop leadership skills, group facilitation talents, and basic business planning and budget preparation. Students will work with an agency and will propose creative financial solutions to health care that maintains quality of care. They will integrate conflict resolution models, develop an understanding of working with unions, and be introduced to policy analysis. Students will also utilize nursing informatics.

*Prerequisites: PSYN 2200*

**PSYN 3200 CR-7****Global Problems and Health**

Students will apply concepts and theories to address health challenges related to crises and environmental factors. They will examine the relationship between environment and health including epidemiological analysis, policy, and assessment on a local and global level. Students will work with a community on an identified crisis and/or environmental health issue. They will also explore the relationship of health and harmony to the land, natural world, and environment, from many perspectives including Aboriginal people's perspective.

*Prerequisites: PSYN 3100 and WOMN 3100*

*Co-requisites: PSYN 3220 and PSYN 3230 and PSYN 3240*

**PSYN 3220 CR-2****Issues in Mental Health Nursing**

Students will use critical social theory to explore current issues and societal trends associated with the oppression of people experiencing mental health issues. They will explore the role of the Registered Psychiatric Nurse (RPN) in relation to these issues and societal trends.

*Prerequisites: PSYN 3100 and WOMN 3100*

*Co-requisites: PSYN 3200 and PSYN 3230 and PSYN 3240*

**PSYN 3230 CR-3****Psychiatric/Mental Health: Nursing Research**

Students will enhance their abilities to participate in the research process through critically reflecting on various research methodologies. They will develop their abilities to comprehend, critique and utilize research. Students will experience ways to transform personal inquisitiveness into a process of posing, exploring, and answering researchable questions. They will explore ways to critically examine their practice in relation to research. Students will explore the political considerations in conducting research.

*Prerequisites: PSYN 3100*

*Co-requisites: PSYN 3200 and PSYN 3220 and PSYN 3240*

**PSYN 3240 CR-3****Qualitative and Quantitative Analysis**

Students will learn techniques commonly used in the analysis of both qualitative and quantitative data. They will engage in the process of qualitative analysis through examining qualitative data, data coding, and thematic construction. Students will also examine a range of descriptive and inferential statistical approaches to quantitative analysis using a computer-based system.

*Prerequisites: PSYN 3100 and PSYN 3120*

*Co-requisites: PSYN 3200 and PSYN 3220 and PSYN 3230*

**PSYN 4100 CR-7****Capstone Course: Psychiatric / Mental Health Nursing**

Students will collaborate with peers to suggest course content based on course concepts and self-identified learning needs. They will practice in a variety of clinical settings to integrate learning from previous nursing and non-nursing courses. Students will apply advanced nursing skills in counseling, psychotherapy, and case management as they work with individuals, families and groups.

*Prerequisites: PSYN 3200*

*Co-requisites: PHIL 3010 and SOCI 3345 PHIL 3010 and SOCI 3345*



**PSYN 4200 CR-10****Psychiatric/Mental Health Nursing: Preceptorship**

Students will participate in a Preceptorship of their choice, based on availability of preferred placements. They will increase knowledge and skills to develop independence and confidence as a practitioner in the field of psychiatric/mental health nursing.

*Prerequisites: PSYN 4100*

**PSYCHOLOGY (PSYC)****PSYC 1100 CR-3****Introduction to Psychology: Basic Processes**

Students will study topics related to basic psychological processes. They will critically examine areas such as the biological basis of behaviour, sensation, perception, states of consciousness, learning and memory. Students will learn about the historical and philosophical contexts behind the development of psychology and the research methods used by psychologists.

*Transferable (refer to transfer guide)*

**PSYC 1200 CR-3****Introduction to Psychology: Areas and Applications**

Students will study topics related to applications of psychological processes. They will critically examine areas such as cognition, motivation, emotion, theories of personality, development over the life span, the psychology of health and well-being, psychological disorders, approaches to treatment and therapy, and principles of social and cultural psychology.

*Transferable (refer to transfer guide)*

**PSYC 2300 CR-3****Applied Statistics**

Students will learn to apply descriptive and inferential statistics in the analysis of behavioral research

*Prerequisites: PSYC 1100 and PSYC 1200*

*Transferable (refer to transfer guide)*

**PSYC 2308 CR-3****History and Systems of Contemporary Psychology**

Students will study the evolution of psychology's modern history, beginning approximately in the nineteenth century. They will analyze the debates, important discoveries, famous experiments, and differences seen amongst competing traditions within psychology. Students will examine the limitations of an historical approach to psychology.

*Prerequisites: PSYC 1100 and 1200*

*Transferable (refer to transfer guide)*

**PSYC 2315 CR-3****Brain and Behaviour**

Students will demonstrate how normal and abnormal behaviour in both humans and animals may be understood through knowledge of the function of the brain and its underlying structure. They will examine psychophysicologists' current understanding of brain and nervous system involvement in areas such as sensation, perception, movement, memory, psychopathology, and recovery from brain damage.

*Prerequisites: PSYC 1100 and 1200*

*Transferable (refer to transfer guide)*

**PSYC 2320 CR-3****Developmental Psychology: Childhood**

Students will study the process of human development from conception to adolescence, including major principles of development and the descriptive changes in child growth and behaviour. They will study the implications of theory and research findings for areas such as learning, personality, social behaviour, and psychopathology.

*Prerequisites: PSYC 1100 and 1200*

*Transferable (refer to transfer guide)*

**PSYC 2321 CR-3****Developmental Psychology: Adolescence**

Students will examine the physical, cognitive, emotional and social changes that contribute to psychological development during adolescence. They will explore and discuss the implications of the major theories and research findings in the field of adolescent development.

*Prerequisites: PSYC 1100 and PSYC 1200*

*Transferable (refer to transfer guide)*

**PSYC 2322 CR-3****Developmental Psychology: Adulthood**

Students will become familiar with the developmental processes from young adulthood through old age. They will study the implications of specific periods/stages, such as parenting, career choice, role changes and losses, including dying and death.

*Prerequisites: PSYC 1100 and PSYC 1200*

*Transferable (refer to transfer guide)*

**PSYC 2330 CR-3****Social Psychology**

Students will explore psychological processes that occur in groups and their influence on the individual around such topics as social beliefs, self-esteem, prejudice, aggression, interpersonal attraction and intimate relationships, attitudes and behaviour, persuasion, conformity, and decision-making. Students will apply knowledge of these concepts to a wide variety of settings that may include law, business, and health.

*Prerequisites: PSYC 1100 and PSYC 1200*

*Transferable (refer to transfer guide)*

**PSYC 2350 CR-3****Psychopathology**

Students will critically examine historical and contemporary approaches to the understanding of psychological disorders and explore issues associated with diagnosis and classification. Students will study specific classifications of psychological disorders including anxiety, somatoform, dissociative, mood, personality, eating and psychotic disorders.

*Prerequisites: PSYC 1100 and 1200*

*Transferable (refer to transfer guide)*

**PSYC 2370 CR-3****Psychology of Personality**

Students will analyze Western personality theories such as the Psychoanalytic perspective, the Existential perspective, the Trait perspective, the Behavioural-Cognitive perspective, and the Humanistic perspective, among others.

*Prerequisites: PSYC 1100 and 1200*

*Transferable (refer to transfer guide)*

**PSYC 2375 CR-3****Perception**

Students will study the psychology of perception. They will learn about depth perception, colour perception, attention, spatial processing, audition and smell.

*Prerequisites: PSYC 1100 and PSYC 1200*

*Transferable (refer to transfer guide)*

**PSYC 2385 CR-3****Cognition**

Students will study cognitive processes, including memory, problem solving, reasoning, attention, spatial abilities and decision making.

*Prerequisites: PSYC 1100 and PSYC 1200*

*Transferable (refer to transfer guide)*

**PSYC 2400 CR-3****Experimental Psychology: Research Methodology**

Students will examine the scientific method as a way of studying behavioral phenomena and explore research paradigms commonly used in psychology.

*Prerequisites: PSYC 1100 and 1200*

*Transferable (refer to transfer guide)*

**PSYC 2430 CR-3****Social Psychology: Theory and Research**

Students will apply the theory, principles and methods of research learned in Social Psychology 2330 by doing an in-depth research investigation in their chosen area of interest. They will present a final research report orally and in written form.

*Prerequisites: PSYC 2330*

*Transferable (refer to transfer guide)*

**PSYC 2450 CR-3****Clinical Psychology: Psychotherapy**

Students will explore the practice of clinical psychology. They will learn about assessment techniques, legal and ethical issues, effectiveness of therapy and major theoretical approaches to therapy.

*Prerequisites: PSYC 2350*

*Transferable (refer to transfer guide)*

**PSYC 3010 CR-3****Human Sexuality**

Students will critically examine current research and theoretical perspectives that define the study of human sexuality. They will examine the interactive effects of physiology, cognition, socioemotional development, and culture on sexual development, sexual expression, sexual orientation, and gender-identity. Students will engage in critical discourse as it relates to sexuality in the media and society and will argue, with reference to empirical evidence, for or against contentious issues in human sexuality.

*Prerequisites: PSYC 2300 and 2400*

*Transferable (refer to transfer guide)*

**PSYC 3200 CR-3****Industrial and Organizational Psychology**

Students will learn to apply principles of psychology to create well-functioning and efficient organizations. They will focus on motivation to work, personnel selection and evaluation, employee development and relationships, with an emphasis on the application of psychological principles of individual behavior and group dynamics in various types of community and industrial organizations.

*Prerequisites: PSYC 2300 and PSYC 2330 and PSYC 2400*

*Transferable (refer to transfer guide)*

**PSYC 3210 CR-3****Attitudes and Persuasion**

Students will critically examine the nature of attitudes, the relationship between attitudes and behaviour, the formation of attitudes, and the changes of attitudes through persuasion and influence. They will analyze current and past theories of persuasion and will learn to recognize applications of these theories in advertisements, political rhetoric, and other sources of influence.

*Prerequisites: PSYC 2300 and PSYC 2330 and PSYC 2400*

**PSYC 3215 CR-3****Psychology of Memory**

Students will engage in an in-depth examination of memory, one of the central areas in cognitive psychology. They will critically examine modern memory theory in its historical context, from the earliest works on forgetting to modern structural and processing theories. Student will also critically examine the neurology of memory, memory impairment and memory changes over the lifespan.

*Prerequisites: PSYC 2300 and PSYC 2385 and PSYC 2400*

**PSYC 3220 CR-3****Group Dynamics**

Students will explore the processes that occur among individuals within groups, as well as the processes involved when groups interact with each other. They will examine the functions and structure of groups, leadership, conformity pressure, group decision making, group performance and productivity. They will also gain knowledge about conflict and cooperation within groups and between groups. Throughout the course, students will learn to analyze group dynamics in their own experiences participating in and observing groups.

NOTE: This is a seminar course.

*Prerequisites: PSYC 2300 and PSYC 2400*

*Transferable (refer to transfer guide)*

**PSYC 3300 CR-3****Applied Statistics II**

Students will learn about statistical analyses and commonly used research designs in behavioural research, including analysis of variance (ANOVA) models, correlation, regression and multiple regression, as well as chi-square procedures, focusing on both conceptual understanding and practical application. They will learn computer software applications commonly used by potential employers to analyze data sets and interpret results.

*Prerequisites: PSYC 2300 and PSYC 2400*

**PSYC 3303 CR-3****Learning: Theory and Practice**

Students will critically examine classical and modern learning theory, including such areas as habituation, sensitization, classical and operant conditioning, modeling, concept formation, and how the theoretical perspectives on these topics relate to the cognitive perspective. They will investigate aspects of learning theory such as generalization, discrimination, reinforcement and punishment in the light of both animal and human learning. Students will explore and discuss issues of stimulus control and the application of learning principles in everyday life.

*Prerequisites: PSYC 2300 and PSYC 2400*

**PSYC 3307 CR-3****Historical and Philosophical Foundations of Psychology**

Students will critically analyze selected themes within the intellectual history of western civilization from early origins to the present time, with particular emphasis on ideas that form the background of contemporary psychology.

*Prerequisites: (PSYC 1100 and PSYC 1200 and 18 credits of 1100 or higher) or (60 credits of 1100-level or higher)*  
*Transferable (refer to transfer guide)*

**PSYC 3311 CR-3****Psychology of Consciousness**

Students will engage in an in-depth examination of the psychology of consciousness, one of the most fascinating and least understood frontiers of science. They will critically examine the phenomena associated with consciousness from a strictly scientific perspective. Students will critically explore, debate and discuss the historical overview of thinking on consciousness including the mind-body problem, theories of consciousness, altered states of consciousness, how consciousness interacts with the laws of physics, the current cognitive neuroscience approaches to understanding the processes involved in consciousness, and consciousness and quackery.

Note: This is a seminar course.

*Prerequisites: PSYC 2300 and PSYC 2400*

**PSYC 3316 CR-3****Infancy**

Students will explore current research trends and theoretical perspectives in the field of infant development. They will critically examine how neuropsychological processes affect cognition, sensation, perception and learning in infancy. Student will analyze the process of attachment and emotional development and the environmental and interpersonal conditions associated with optimal development. They will also critically evaluation the concepts of risk and resilience as applied to infant development.

*Prerequisites: PSYC 2300 and PSYC 2400 and one of PSYC 2320 or PSYC 2321*

**PSYC 3320 CR-3****Drugs and Behaviour**

Students will learn about psychopharmacology and neurophysiology as it relates to psychoactive drugs. They will examine in depth the different classes of drugs, stimulants, hallucinogens, and tranquilizers and their various effects on the nervous system, as well as the relationship between those effects and drug-induced changes in behaviour. Students will also critically analyze historical and current aspects of social policy and its basis, including possible topics such as research on usage, availability, a discussion of the effects of patent laws and the use of drugs in sports.

Note: This is a seminar course.

*Prerequisites: PSYC 2300 and PSYC 2315 and PSYC 2400*

**PSYC 3325 CR-3****Psychology of Gender**

Students will critically examine current research and theoretical perspectives on gender. They will examine the biological, cognitive, social, and cultural variables linked to gender identity. Students will explore, debate and discuss gender issues, gender roles, gender stereotypes, and gendered communication.

*Prerequisites: PSYC 2300 and PSYC 2330 and (PSYC 2400 or equivalent)*

*Transferable (refer to transfer guide)*

**PSYC 3343 CR-3****Psychology of Prejudice**

Students will critically examine current research and theoretical perspectives on prejudice. They will learn the cognitive and social origins of prejudice. Students will explore and discuss forms of prejudice and discrimination pertaining to ethnic, racial, national, and religious groups. They will explore and discuss strategies to counter prejudice.

*Prerequisites: PSYC 2300 and PSYC 2330 and (PSYC 2400 or equivalent)*

*Transferable (refer to transfer guide)*

**PSYC 3350 CR-3****Advanced Topics in Psychopathology**

Students will engage in an in-depth examination of specific classifications of adult psychopathology on topics varying from year to year, such as personality disorders, sexual and gender identity disorders, substance abuse disorders, cognitive and psychophysiological disorders, psychological disorders associated with aging, impulse control disorders, mood disorders, sleep disorders, and psychotic disorders. Students will expand their knowledge of DSM diagnoses, explore issues around differential diagnosis and comorbidity, critically examine current diagnostic classification systems, consider recent research in the area, and explore gender, social and cultural issues in the diagnosis and treatment of psychological disorders. Students will develop their familiarity with diagnostic criteria and the course of specific disorders through media and textbook clinical cases.

Note: This is a seminar course

*Prerequisites: PSYC 2300 and PSYC 2350 and PSYC 2400*  
*Transferable (refer to transfer guide)*

**PSYC 3370 CR-3****Advanced Personality Theory**

Students will examine and analyze original readings within the area of Personality Theory. They will discuss and evaluate readings from the following areas: psychoanalytic, analytical, object relations, individual, interpersonal, existential and phenomenological, humanistic, transpersonal, trait, behavioural, feminist, biological, cognitive, somatic, and eastern perspectives.

Note: This is a seminar based course.

*Prerequisites: PSYC 2300 and PSYC 2370 and PSYC 2400*

**PSYC 3400 CR-3****Applied Research I**

Students will learn how to carry out research using experimental, quasi-experimental, and complex correlational designs. They will learn how to plan a course of research, design and implement a study, analyze and interpret the results, and communicate the findings to a variety of audiences including the academic and local communities.

*Prerequisites: PSYC 2300 and PSYC 2400. CMNS 3100 is recommended*

**PSYC 3450 CR-3****Clinical Psychology: Intervention**

Students will learn about the practice of clinical psychology. They will critically examine assessment techniques, legal and ethical issues, as well as theory, practice, and outcome research of major approaches to therapeutic intervention and prevention.

Note: This is a seminar course.

*Prerequisites: PSYC 2300 and PSYC 2350 and PSYC 2400 Transferable (refer to transfer guide)*

**PSYC 3451 CR-3****Psychology and Law**

Students will critically examine the relationship between psychology and the law. They will analyze the roles that cognitive, social, and clinical psychology play in both criminal and civil matters. Students will analyze and interpret research in areas such as jury decision making, eyewitness memory of children and adults, expert testimony, competency, criminal responsibility, police investigations, and risk assessment.

Note: This is a seminar course.

*Prerequisites: PSYC 2300 and PSYC 2400*

**PSYC 3500 CR-3****Interpersonal Relations I**

Students will survey select issues of interpersonal relations relevant to working effectively with others and interacting successfully in the workplace. They will critically examine topics such as interpersonal influence, impression formation and management, nonverbal communication, individual differences, obstacles to effective interaction, social roles and power.

*Prerequisites: PSYC 2330 and PSYC 2400 Transferable (refer to transfer guide)*

**PSYC 3600 CR-3****Health Psychology**

Students will learn how the discipline of psychology addresses the prevention and treatment of illness, and the promotion of psychological and physical health. They will explore the nature of stress, illness-prone personality types, and health management from a psychobiological perspective.

*Prerequisites: PSYC 2300 and PSYC 2330 and PSYC 2400*

**PSYC 3800 CR-3****Evolutionary Psychology**

Students will critically discuss research and present the theories, methods, and current issues in the field of evolutionary psychology as it applies to human and animal behaviour.

Students will focus in particular on the history of evolutionary thought, methods for testing evolutionary hypotheses, the problems of survival, mating strategies, parental care, kinship, cooperation, aggression, dominance hierarchies, memes, and Darwinian medicine.

Note: This is a seminar course.

*Prerequisites: PSYC 2330 and PSYC 2400*

**PSYC 3910 CR-3****Neuropsychology**

Students will learn the basic principles of neuropsychology as they relate to brain function and behaviour, especially in the context of the workplace and rehabilitation. Students will examine experimental and clinical neuropsychology and neurology. Students will identify sensory, motor, cognitive and affective disturbances resulting from brain damage and dysfunction, and the tests administered in their diagnosis. Students will participate in field trips to neuropsychological testing sites and hospitals where available.

NOTE: This is a seminar-based course.

*Prerequisites: PSYC 2300 and PSYC 2315 and PSYC 2400*

**PSYC 3920 CR-3****Aging**

Students will critically examine fundamental psychological processes from mid-life onward, including current research with emphasis on physical changes, sensation and perception, work, social relationships, the self and sense of well-being. They will develop skills and awareness of issues related to working with older adults.

*Prerequisites: 60 credits of 1100-level or higher courses including PSYC 1200 or ( PSYC 1100 and PSYN 1200 ); PSYC 2322 highly recommended*

*Transferable (refer to transfer guide)*

**PSYC 3930 CR-3****Consumer Psychology - Research & Applications**

Students will examine the psychology of consumer behavior and advertising. They will review the cognitive and social psychological literature with an emphasis on experimental research.

*Prerequisites: PSYC 2330 and PSYC 2385 and PSYC 2400*

**PSYC 3940 CR-3****Adult Education**

Students will learn theories, research findings, and techniques applicable to training adult learners. They will explore a variety of contexts within which adult students learn, and will practice training techniques in simulated or actual settings.

*Prerequisites: PSYC 1200 and 60 University Transfer credits. Transferable (refer to transfer guide)*

**PSYC 3950 CR-3****Cognitive Ergonomics**

Students will study cognitive processing as it relates to human-machine interactions. They will examine information theory, attention and spatial displays, language and communication, memory, decision-making, manual control, human error, process control, automation, and human computer interaction. They will explore several case studies in reference to these issues.

Note: This is a seminar course.

*Prerequisites: PSYC 2300 and PSYC 2385 and PSYC 2400*

**PSYC 3960 CR-3****Program Evaluation**

Students will learn to evaluate the effectiveness of institutional programs and procedures, including human service programs and corporate procedures. They will learn to identify the elements of effective programs and how to conduct needs assessments. Students will also learn how to do background preparation including liaising with different stakeholders, as well as designing, implementing, reporting and presenting evaluations of programs.

*Prerequisites: PSYC 2300 and PSYC 2400*

**PSYC 3970 CR-3****Community Psychology**

Students will learn about social institutions and their policies and how they affect the mental and physical health of individuals and groups living within communities. They will learn about primary, secondary and tertiary preventive strategies and measures that can be used for promoting health used by community-based multidisciplinary and multicultural agencies and programs. Students will explore career opportunities within these programs.

*Prerequisites: PSYC 2400*

**PSYC 3980 CR-3****Environmental Psychology**

Students will critically examine theory and application in the field of environmental psychology and the interrelationships between ourselves and the environmental systems in which we live and work. They will study specific topics such as the history and scope of environmental psychology; theories of environment and behaviour; environmental stress; natural environments; built environments; designing for humans; specialized living and working environments and behavioural change in relation to contemporary global environmental issues.

*Prerequisites: PSYC 2300 and PSYC 2330 and ( PSYC 2400 or CRIM 1208 or SOCI 2260 )*

*Transferable (refer to transfer guide)*

**PSYC 4000 CR-3****Practicum**

Students will identify, select, design, manage, and present a comprehensive applied psychology project that will meet the requirements of a client organization under the co-supervision of the employer and a faculty member. They will meet regularly throughout the semester with a faculty member to discuss their progress, and will produce a final report describing their project and its result upon completion of the practicum.

*Prerequisites: PSYC 4400 ( PSYC 4800 recommended)*

*Transferable (refer to transfer guide)*

**PSYC 4100 CR-3****Tests and Measurement**

Students will study the basic principles of psychological testing including norms, reliability, validity, item response theory, scaling, scoring methods, item analysis, and ethical standards. They will experience taking and interpreting tests. They will focus on the use of appropriate standardized occupational tests and the development of evaluation instruments in the work setting.

*Prerequisites: PSYC 3300*

*Transferable (refer to transfer guide)*

**PSYC 4200 CR-3****Human Factors & Ergonomics**

Students will study the human role in modern systems, with a focus on the design of systems that optimize performance, productivity, and human well-being. They will examine the history of human factors and ergonomics; human and system capabilities and limitations (physical, perceptual, and cognitive); environmental stress effects; task analysis; performance measurement; human error, and workspace design. Students will examine several case studies that exemplify various types of human factors problems and intervention strategies.

Note: This is a seminar-based course.

*Prerequisites: PSYC 2300 and PSYC 2385 and PSYC 2400*

*Transferable (refer to transfer guide)*

**PSYC 4210 CR-3****Critical Thinking in Psychology**

Students will examine and critically analyze information from different sources such as advertising, the Internet, magazines, news, and interpersonal communication. They will differentiate between science and pseudoscience, and question core assumptions and beliefs.

Note: This is a seminar course.

*Prerequisites: PSYC 2300 and PSYC 2400*

*Transferable (refer to transfer guide)*

**PSYC 4315 CR-3****Neuroscience**

Students will examine brain function in depth by focusing on the biophysics of neural membranes, ion channels/receptors, neurotransmission, and signaling. They will examine the biophysiological mechanisms underlying neural development, neural organization, learning and memory, and brain dysfunction.

Note: This is a seminar-based course.

*Prerequisites: PSYC 2300 and PSYC 2315 and PSYC 2400*

*Transferable (refer to transfer guide)*

**PSYC 4350 CR-3****Developmental Psychopathology**

Students will engage in an in-depth exploration of developmental psychopathology from infancy through to adolescence with an emphasis on the characteristics of disorders of development, their determinants, outcomes, and interventions. They will critically explore, debate, and discuss current theories and research as well as recent trends in intervention and prevention. Students will critically examine developmental psychopathology within the broader contexts of family, school, culture, and the community while investigating both legal and ethical issues related to the research and diagnosis of childhood disorders.

NOTE: This is a seminar course.

*Prerequisites: PSYC 2300 and PSYC 2350 and PSYC 2400 and ( PSYC 2320 or PSYC 2321 )*

*Transferable (refer to transfer guide)*

**PSYC 4400 CR-3****Research Methods II: Qualitative Methodologies**

Students will design and implement research projects using qualitative methodologies such as case studies, phenomenological interviews, surveys, focus groups and accessing archival data. They will learn how to analyze qualitative data using appropriate techniques such as horizontalization, clustering, and thematic analysis, and open, axial, and selective coding.

*Prerequisites: PSYC 3300 and PSYC 3400*

*Transferable (refer to transfer guide)*

**PSYC 4500 CR-3****Interpersonal Relations II**

Students will survey issues of interpersonal relations relevant to working effectively with others and interacting successfully with customers and clients. Students will critically examine interpersonal problems and solutions involved in working with, understanding, and getting along with others. They will explore theory and research in the areas of conflict and aggression, cooperation, prejudice, cultural diversity, and community psychology.

*Prerequisites: PSYC 2300 and PSYC 2330 and PSYC 2400*

*Transferable (refer to transfer guide)*

**PSYC 4600 CR-3****Positive Psychology**

Students will explore, evaluate, and apply findings from positive psychology-an area of psychology relying on social science methods to study human well-being, human strengths, and factors that enable some people to flourish in the face of adversity. They will compare the major theories of positive psychology and will examine the historical background of positive psychology. Students will develop expertise in the use of social science methodology to study human strengths and well-being. Students will also develop expertise in distinguishing justified from unjustified interpretations of research in positive psychology.

*Prerequisites: PSYC 2300 and ( PSYC 2400 or CRIM 1208 or SOCI 2260 )*

*Transferable (refer to transfer guide)*

**PSYC 4650 CR-3****Psychology of Genocide**

Students will apply theories from social and personality psychology to the understanding of the causes, correlates, and consequences of genocide and mass killing. They will think critically about the complex and multi-factorial relationships found in the real world. Students will explore the psychology of different groups of people associated with genocide, including perpetrators, bystanders, rescuers, and survivors. Students will also learn about the extent to which the discipline of psychology itself has been shaped by various episodes of genocide and other mass killing.

*Prerequisites: PSYC 2400 or CRIM 1208 or SOCI 2260*

*Transferable (refer to transfer guide)*

**PSYC 4700 CR-3****Culture and Psychology**

Students will critically examine research findings pertaining to the influence of culture on human behavior including issues of ethnicity and race, the acculturation process, self and identity, health beliefs and practices, language and accent, interpersonal attraction and intimate relationships, prejudice and discrimination. They will explore the practical applications of these findings to day-to-day life involving interactions with culturally diverse individuals, and develop greater inter-cultural sensitivity. Note: This is a seminar course

*Prerequisites: PSYC 2300 and PSYC 2330 and (PSYC 2400 or CRIM 2103 or SOCI 2260 or MATH 2335)*

*Transferable (refer to transfer guide)*

**PSYC 4800 CR-3****Professional & Ethical Issues**

Students will examine ethical codes/requirements and issues in applied research, and regulations governing the practice of psychology in Canada and the US and, more specifically, in British Columbia. Students will also prepare for job searching by creating effective portfolios and resumes, and by developing effective job search techniques and interviewing styles.

*Prerequisites: 60 credits at 1100-level or higher, including PSYC 2300 and PSYC 2400*

**PSYC 4900 CR-3****Special Topics in Psychology**

Students will engage in an intensive study of a selected topic in psychology. This study will include the development of a proposal, writing reports and presenting the results.

Note : The area of study will be established in advance by the department.

*Prerequisites: PSYC 2400*

**PSYC 4910 CR-3****Rehabilitation**

Students will learn about rehabilitation services, the work of psychologists and other rehabilitation professionals, and the role of psychology in aiding rehabilitation. They will examine some common disabling conditions including strokes, aneurysms, spinal cord and head injuries. Students will study the physiology of these conditions and their medical, psychological, social, and vocational effects.

Note: This is a seminar-based course.

*Prerequisites: PSYC 2300 and PSYC 2330 and PSYC 2400*

*Transferable (refer to transfer guide)*

### **PSYC 4920 CR-3**

#### **Human Factors and Computer Interface Design**

Students will study procedures for analyzing human-computer interaction (HCI) and will translate this information into design criteria. They will learn to ensure that computer interface design specifications meet end-user requirements for perceptual and cognitive factors; learnability; recall, recognition and retention; speed and accuracy of performance; cultural factors; and job satisfaction. They will identify task and system requirements and perform usability testing methodologies for both desktop and small screen interfaces.

Note : Students may earn credits for only one of PSYC 4920 or INFO 4210 as they are identical courses.

*Prerequisites: PSYC 2385 OR 15 credits CISY ( CISY 1113 recommended)*

*Transferable (refer to transfer guide)*

### **PSYC 5000 CR-6**

#### **Honours Thesis I (BAA)**

Students will carry out a detailed investigation of a topic of interest relevant to psychology. They will carry out the investigation under the supervision of a faculty member with expertise in the area, in the form of a literature survey and review. Students will be required to identify relevant sources of information and will submit a final paper representing an original literature review and an empirical research design.

NOTE: This is a seminar-based course. The final paper for this course will be used for subsequent completion of a thesis in PSYC 5010. Students are strongly advised to seek methodological advice in the development of their proposal.

*Prerequisites: PSYC 3300 (B+) and PSYC 3400 (B+) and PSYC 4400 (B+), and permission of supervisor and permission of Psychology Honours Committee*

### **PSYC 5001 CR-6**

#### **Honours Thesis I (BA)**

Students will carry out a detailed investigation of a topic of interest relevant to psychology. They will carry out the investigation under the supervision of a faculty member with expertise in the area, in the form of a literature survey and review. Students will be required to identify relevant sources of information and will submit a final paper representing an original literature review and an empirical research design.

NOTE: This is a seminar-based course

*Prerequisites: Permission of Psychology Honours Committee and PSYC 3300 (B+) and [PSYC 3400 (B+) or PSYC 3334 (B+)]*

### **PSYC 5002 CR-6**

#### **Honours Thesis I (BSc)**

Students will carry out a detailed investigation of a topic of interest relevant to psychology. They will carry out the investigation under the supervision of a faculty member with expertise in the area, in the form of a literature survey and review. Students will be required to identify relevant sources of information and will submit a final paper representing an original literature review and an empirical research design.

NOTE: This is a seminar-based course.

*Prerequisites: PSYC 3300 (B+) and PSYC 3400 (B+) and PSYC 4400 (B+), and permission of supervisor and permission of Psychology Honours Committee*

### **PSYC 5010 CR-6**

#### **Honours Thesis II**

Honours candidates will carry out research under the supervision of a faculty member with expertise in the area selected. They will use the information obtained from the literature review in PSYC 5000 or 5001 or 5002 to help identify specific issues for research. Candidates will, using appropriate methods, collect and interpret data, and write a thesis on the results of the project, and will present their thesis.

Note: Candidates are strongly advised to seek methodological advice in the development of their proposal.

*Prerequisites: PSYC 5000 (B) or PSYC 5001 (B) or PSYC 5002 (B). This course may not be repeated without special permission of department.*

## **PUBLIC RELATIONS (PRLN)**

### **PRLN 1120 CR-3**

#### **PR Writing Fundamentals**

Students will develop proficiency in public relations writing skills. They will study the principles of public relations writing to help achieve corporate objectives through professional communication on behalf of an organization. Students will study the role of research, objectives, audiences, and channels in public relations writing as well as how to persuade and frame an argument, conduct audience analysis and use Canadian Press Style. They will gain practical experience in writing and designing a corporate newsletter.

*Co-requisites: PRLN 1140, PRLN 1141*

### **PRLN 1140 CR-3**

#### **Digital Applications for Print Media**

Students will learn a variety of computer applications for the production of print-ready communications. They will develop the skills and knowledge needed to generate effective print materials used in the public relations field. Students will work with various Windows-based programs such as MS Office and Adobe Creative Suite to design and print a variety of professional materials.

*Co-requisites: PRLN 1141*

### **PRLN 1141 CR-3**

#### **Visual Design**

Students will study basic design elements and principles involved in creating effective page layout. They will learn about the history and anatomy of typography and how to make good font choices. Students will learn how to critically evaluate and solve design problems using the terminology of design and print production.

### **PRLN 1150 CR-3**

#### **Introduction to Public Relations**

Students will learn about public relations including the related activities of public affairs and publicity. They will learn how to formulate communication plans and determine strategic tactics, objectives, target audiences and key messages.

**PRLN 1210 CR-3****Media Relations**

Students will learn the structure and organization of traditional, electronic, digital & social media and examine the characteristics, benefits, strengths and weaknesses of each media type for specific public relations goals. Students will learn how to work effectively with all types of media and to develop strategies to effectively represent an organization and gain positive unpaid (earned) media coverage. They will create a media list from an actual professional media database, pitch a story idea and respond to media questions in a simulated environment.

*Prerequisites: PRLN 1150*

*Co-requisites: PRLN 1220 PRLN 1220*

**PRLN 1220 CR-3****Writing for Media Relations**

Students will develop proficiency in the writing of materials in support of media relations activities. They will write news releases, media advisories, backgrounders, profiles and other components of a media kit for both traditional and social media usage. Students will learn to use Canadian Press Style to write engaging and effective approaches aimed at media gatekeepers such as desk editors, producers and bloggers in order to achieve positive unpaid media coverage and publicity for organizations and clients.

*Prerequisites: PRLN 1120*

*Co-requisites: PRLN 1210 PRLN 1210*

**PRLN 1230 CR-1.5 (formerly PRLN 1130)****Public Relations Research**

Students will learn qualitative and quantitative research methods and measurement tools as applied to the professional practice of public relations. They will learn various research methods including sampling and survey methods, focus group research, content analysis, and online research. Students will analyze and evaluate applied and academic research studies and will complete a research project.

**PRLN 1236 CR-3 (formerly PRLN 2336)****Visual Presentations**

Students will learn how to design A/V and multimedia material and how to use a variety of types of equipment. They will learn about theoretical approaches and practical considerations for public relation presentations.

*Prerequisites: JRNL 1141 and (PRLN 1140 or 1142)*

**PRLN 1240 CR-1.5****Computer Skills II**

Students will learn to use software applications for word processing, design page layout, database management, and developing public relations collateral material. They will study and practice the skills needed to create a Web site. The student will use various software such as PowerPoint, Maximizer, Illustrator and Dreamweaver.

*Prerequisites: JRNL 1141 and (PRLN 1140 or 1142)*

*Co-requisites: PRLN 1210 and 1236*

**PRLN 2310 CR-3****Issues Management & Crisis Response**

Students will learn the theory and practice of handling issues, crises and stakeholder relations that impact organizations and the communications strategies needed to manage corporate communications. They will learn how to evaluate communication risks; conduct stakeholder analyses; prepare communications plans and strategies to manage issues and crises for both internal and external stakeholders. Students will also focus on managing media relations during a crisis, with special emphasis on the role of the key spokesperson for the organization

*Prerequisites: PRLN 1241 and 1210*

**PRLN 2320 CR-3****Promotional Writing**

Students will learn to plan, budget, write, design and produce printed corporate communications products such as posters, information sheets, flyers, letters to shareholders/supporters. They will produce polished, audience-directed, professional print communications projects that assist an organization to convey information about corporate goals and programs and build customer, community and public support.

*Prerequisites: PRLN 1140 , PRLN 1240, PRLN 1141*

**PRLN 2331 CR-1.5****Event Planning and Sponsorship**

Students will learn the planning process required to stage a special event, including the research to determine the best type of event for a non-profit client. They will conduct meetings with clients to determine venue, theme, activities and timing. Students will learn to use specific software planning templates for logistics, sponsorship, promotion & marketing, on-site coordination and event accounting. The event will be staged in the subsequent semester.

*Prerequisites: PRLN 1150 and 1210*

**PRLN 2340 CR-1.5****Computer Skills III**

Students will learn advanced software for word processing, design and page layout, database management, and for producing public relations collateral materials. They will update and manage a website and develop a personal identity package.

*Prerequisites: PRLN 1140 and 1240*

**PRLN 2345 CR-3****Introduction to Fundraising & Development**

Students will examine the basics of fundraising and development for non-profit organizations, foundations and charities. They will examine the principles and strategic issues in fundraising; the role of the development officer; and the nature of fundraising campaigns. Students will develop an understanding of annual, capital and special project fundraising as well as how to work effectively with non-profit volunteer boards.

*Prerequisites: 30 credits of 1100-level or higher*

**PRLN 2350 CR-3****Public Relations Advertising**

Students will examine the role of advertising in the field of public relations. They will learn basic advertising skills to help them plan and produce effective advertising campaigns for non-profit or community organizations.

*Prerequisites: PRLN 1150*



### **PRLN 2431 CR-1.5**

#### **Event Production and Management**

Students will learn to work as a team, organize, and manage a special event for a non-profit organization determined in the previous semester. They will learn about client coordination, promotion and media relations, fundraising, logistical management (such as location, catering, speakers, resources, ticket sales and collaterals), management of budgeting, accounting, and reconciliation, management of risk assessment, legal and contract details, overall project management, evaluation of the event and client debrief.

### **PRLN 2441 CR-3**

#### **Organizational Communications**

Students will develop communications plans, techniques and strategies for managing communications within an organization. They will assess models of excellence in communications management, perform research, and produce an organizational profile of a business or non-profit agency within British Columbia. Students will study concepts of organizational culture, conflict resolution, negotiation, leadership and internal communications consulting.

### **PRLN 2450 CR-3**

#### **Public Relations Management**

Students will review the major managerial functions, including strategic planning, organizing, leading, budgeting and human resources, as they relate to public relations. They will learn current concepts, theories, techniques, and models of managing public relations departments, agencies and consultancies. Students will learn about the integration of social science theories and management techniques in the research, planning, implementation, and evaluation of public relations strategies.

*Prerequisites: PRLN 2350*

*Transferable (refer to transfer guide)*

### **PRLN 2476 CR-4.5**

#### **Public Relations Work Experience**

Students will secure with instructor guidance a work experience sponsor and apply skills learned in the program in an on-the-job environment. They will work full-time for four weeks within the PR industry with consideration given to the students' interests, skills, and personal suitability and the needs of both the student and the sponsor employer.

*Prerequisites: PRLN 2350*

*Co-requisites: JRNL 2401 and PRLN 2450*

### **PRLN 3010 CR-3**

#### **Ethics of Communication**

Students will examine ethical challenges that arise in the careers of organizational communications, marketing, business and public relations professionals. Students will explore the ethical codes of professional associations governing the practice of business communications. They will examine leadership roles for communicators in shaping ethical futures for profit and non-profit organizations.

*Prerequisites: 30 credits of 1100-level or higher*

## **PUBLIC SAFETY COMMUNICATIONS (PSCM)**

### **PSCM 1100 CR-3**

#### **Call Processing**

Students will work in cooperative teams to learn and practise call-processing skills needed by communicators for successful integration into public safety and related industries, using both manual and automated systems. They will learn technical language used in the industry and how agencies function.

*Co-requisites: PSCM 1280 PSCM 1280*

### **PSCM 1120 CR-3**

#### **Radio Communications**

Students will gain competency through practice in simulated radio dispatching within a communication centre team environment, applying radio protocol and procedures to Industry Canada specifications. They will identify the technologies (telephone, radio, and computer-aided dispatch systems) used within the communications industry in radio communications.

*Co-requisites: PSCM 1280 PSCM 1280*

### **PSCM 1140 CR-3**

#### **Human Behaviour**

Students will analyze and practice inclusive techniques for dealing with the elderly, young children, the mentally and emotionally disadvantaged, and those members of our community with language barriers. They will learn to recognize and deal effectively with occupational, organizational, and event-related stress within themselves through journal writing and personal reflection.

*Co-requisites: PSCM 1280 PSCM 1280*

### **PSCM 1150 CR-3**

#### **Legal & Regulatory Influences**

Students will examine the legal and regulatory influences on primary responding public safety agencies such as police, fire, and ambulance services. They will research federal and provincial statutes, municipal by-laws, and common laws affecting the public safety sector.

*Co-requisites: PSCM 1280 PSCM 1280*

### **PSCM 1200 CR-3**

#### **Police Communications**

Students will work in a team environment to operate a simulated tri-service communications centre. They will learn the protocols and techniques for police call processing and radio dispatching through practical simulations, beginning at an entry level of operational competency and working up to handling multiple incident scenarios

*Prerequisites: PSCM 1100 and 1120 and 1140 and 1150 and 1400*

*Co-requisites: PSCM 1281 PSCM 1281*

### **PSCM 1240 CR-3**

#### **Human Behaviour II**

Students will further study psychological disorders, social disobedience and victimization emphasized from the perspective of public safety communicators. The student will apply stress management techniques to deal with: critical incident stress, shiftwork, media stress, and sleep disorders. Students will also reflect on and acquire practical insights into different types of behaviors and their effects as they practice interaction with a diverse group of callers.

*Prerequisites: PSCM 1100 and 1120 and 1140 and 1150 and 1400*

*Co-requisites: PSCM 1281 PSCM 1281*

### **PSCM 1260 CR-3**

#### **Practicum**

Students will observe and experience hands-on operations in a variety of public safety communications centres. They will produce written reports on procedures, technologies, and organization used in each centre.

*Prerequisites: PSCM 1100 and PSCM 1120 and PSCM 1140 and PSCM 1150 and PSCM 1400*

*Co-requisites: PSCM 1281 PSCM 1281*

### **PSCM 1280 CR-1.5**

#### **Public Safety Communications Lab 1**

Students will examine computer aided dispatch software concepts, and its application to the public safety communications field. They will use the communications lab telephone system, computer aided dispatch software, mapping software and Records Management System (RMS) software to create and dispatch emergency calls in a simulated lab environment. Students will achieve a minimum 45 nwpm keyboarding speed.

### **PSCM 1281 CR-1.5**

#### **Public Safety Communications Lab 2**

Students will continue to use the communications lab telephone system, current computer aided dispatch software, mapping software and Records Management System (RMS) software to create and dispatch emergency calls in a simulated lab environment. They will practice scenarios to assess a variety of responses for police, fire and ambulance and become proficient in the processing and dispatching of emergency calls. Students will achieve a minimum 50 net words per minute (NWPM) keyboarding speed.

*Prerequisites: PSCM 1280*

### **PSCM 1300 CR-3**

#### **Fire Communications**

Students will identify the protocols and techniques for incident processing and dispatching in the fire service. They will utilize procedures for WHMIS and TDG in the context of fire exercises. Fire call processing, radio dispatching and incident command will be practiced in lab simulations. Students will work in a team environment to operate a simulated tri-service communications centre by the end of the course.

*Co-requisites: PSCM 1281 PSCM 1281*

### **PSCM 1400 CR-3**

#### **Emergency Planning**

Students will examine emergency planning and preparedness regulations and procedures at the federal, provincial and municipal level, with the focus on analyzing the interaction of public safety agencies during a person-induced or natural disaster. They will apply their knowledge of emergency planning to establish and prepare personal strategies and equipment for themselves and their families.

*Co-requisites: PSCM 1280 PSCM 1280*

### **PSCM 1500 CR-3**

#### **Emergency Medical Communications**

Students will learn the protocols and techniques for incident processing and dispatching in emergency medical situations. They will practice emergency medical call assessment and radio dispatching in lab simulations in a team environment, and will provide emergency medical telephone instruction. They will work together to operate a simulated tri-service communications centre.

*Prerequisites: PSCM 1100 and PSCM 1120 and PSCM 1140 and PSCM 1150 and PSCM 1400*

*Co-requisites: PSCM 1281 PSCM 1281*

## **PUNJABI (PUNJ)**

### **PUNJ 1100 CR-3**

#### **Introductory Punjabi I**

Students who have little or no previous knowledge of Punjabi (Gurmukhi) script will learn to read and write at the basic level. While exploring the Punjabi culture, students will use the communicative approach to develop the ability to speak, comprehend, read, and write Punjabi.

Note: Any student with Grade 12 Punjabi or with previous language skills meeting or exceeding the learning outcomes of PUNJ 1100 is not permitted to register in this introductory course. Students with a competence in the language beyond the level of the course in which they are registered may be required to withdraw.

*Transferable (refer to transfer guide)*

### **PUNJ 1101 CR-3**

#### **Introductory Punjabi II**

Students will continue to build on basic reading and writing skills learned in PUNJ 1100 as well as improve their oral and listening skills while exploring the Punjabi and Indian cultures.

Note: Any student with Grade 12 Punjabi or with previous language skills meeting or exceeding the learning outcomes of PUNJ 1101 is not permitted to register in this introductory course. Students with a competence in the language beyond the level of the course in which they are registered may be required to withdraw.

*Prerequisites: PUNJ 1100 or Interview with instructor*

*Transferable (refer to transfer guide)*

### **PUNJ 2200 CR-3**

#### **Intermediate Punjabi I**

Students will use the communicative approach to review and expand their knowledge of basic Punjabi grammar. While further exploring the Punjabi culture, students will continue to develop oral, listening, reading, and writing skills at the intermediate level.

Note: Students with a competence in the language beyond the level of the course in which they are registered may be required to withdraw.

*Prerequisites: Punjabi 11 (B) or Punjabi 12 or PUNJ 1101 or assessment by instructor*

*Transferable (refer to transfer guide)*

### **PUNJ 2201 CR-3**

#### **Intermediate Punjabi II**

Through integrated and interactive practice in reading, writing, listening and speaking, students will use the communicative approach to reinforce and expand their linguistic skills at the intermediate level. Students will also continue to work on their intercultural learning skills.

Note: Students with a competence in the language beyond the level of the course in which they are registered may be required to withdraw.

*Prerequisites: Punjabi 12 (B) or PUNJ 2200 or assessment by instructor*

*Transferable (refer to transfer guide)*

### **PUNJ 3300 CR-3**

#### **Canadian Punjabi Literature**

Students should have an intermediate knowledge of Punjabi in order to take this course as the language of instruction will primarily be Punjabi. Students will reinforce and expand their linguistic skills through a study of Canadian Punjabi literature in a variety of forms, including poetry, short stories, plays and various forms of nonfiction (magazine and newspaper articles). They will do so through integrated and interactive practise in reading, writing, listening and speaking. Students will also continue to work on their intercultural learning skills.

*Prerequisites: PUNJ 2201 or assessment by instructor*

## **S**

## **SECURITY MANAGEMENT (SECU)**

### **SECU 2000 CR-3**

#### **Private Security and Public Policing**

Students will acquire a basic understanding of private security and public policing. They will address the various issues and challenges facing these two areas including regulations, recruitment, training, the exercise of legal authority, and organizational strategies. Students will explore the inter-relationship between private security and public police agencies and the ethical issues of concern to each.

*Prerequisites: CRIM 1100 or 1101*

### **SECU 2001 CR-3**

#### **Introduction to Security Management**

Students will explore applied ethics and management theory as they relate to security management. They will gain practical knowledge of the practices of security management through case studies, class presentations and guest lectures. Students will apply basic elements of management to practical security industry scenarios. Students will explore topics of particular interest in the industry including confidentiality; liability; employee integrity; human relations; supervision and disciplinary actions; information security; business strategy; and client relations.

*Prerequisites: BUSI 1210 or 1215*

### **SECU 3001 CR-3**

#### **Security Systems and Controls**

Students will attain knowledge of key components of security systems and controls inherent in a physical security program. They will be involved in a detailed examination of specific security systems utilized by the security industry including intrusion and duress alarm systems, various forms of perimeter protection, locks and keys, access control systems, closed circuit television and other physical protection elements. Students will examine the relationship between physical and dynamic security through the study of strategies and applications for security systems and controls, including how design and space can impact human behaviour. They will gain understanding of the critical role of security personnel in linking control through design with security systems.

*Prerequisites: SECU 2000 and 60 credit at 1000-level or above*

### **SECU 4000 CR-3**

#### **Modern Approaches to Security**

Students will gain knowledge of key areas of interest in the security industry with special emphasis on the importance of technology, both as an area of concern and as an important tool in the industry. They will focus on cutting edge technology and modern approaches to security by interacting with security industry professionals.

*Prerequisites: CRIM 4201*

### **SECU 4001 CR-3**

#### **Security: Project-Based Research**

Students will acquire and apply knowledge of the security industry. They will conduct a literature search and apply their knowledge to one of the following subject areas: physical security; investigations; loss prevention; liaison/external relations; emergency planning; security management; information security; substance abuse and personnel security. They will apply the skills and knowledge acquired in preceding courses to specific security industry situations or scenarios. Students will prepare to write an industry standard exam.

*Prerequisites: SECU 4000*

### **SECU 4002 CR-3**

#### **Security Risk Assessment and Management**

Students will study and discuss security risk assessment and management. They will discuss terminology and theories and identify vulnerabilities, criticality, and risk. Students will select appropriate countermeasures to reduce or mitigate vulnerabilities. They will apply security risk assessment and management knowledge by planning and conducting a security risk assessment, or security audit, in a specific environment.

*Prerequisites: SECU 4000*

**SECU 4250 CR-6****Security Management Practicum**

Students will apply theories and knowledge of security management to real life situations within a chosen area of specialization. They will gain work experience within a corporate or public security department or a private security company. Students will prepare a plan to address a specific concern or problem identified in the practicum setting. They will acquire marketable job skills.

*Prerequisites: CRIM 4201 and SECU 4000 and 4001*

**SOCIOLOGY (SOCl)****SOCI 1125 CR-3****Introduction to Society: Processes and Structures**

Students will learn essential concepts, theoretical perspectives, and methods used in the discipline of sociology. They will explore some of the current sociological research on topics including culture, media, deviance, gender, ethnicity, globalization, family, religion, education, and social inequality. Students will, above all, critically examine assumptions we make about social life and will develop informed views on social issues that are important in their own lives and the lives of others in local, national, and international communities.

*Transferable (refer to transfer guide)*

**SOCI 2225 CR-3 (formerly SOCI 1225)****Canadian Society: Conflict and Consensus**

Students will study various aspects of Canadian society. They will use sociological perspectives to critically analyze such things as Canadian identity, ethnic diversity and multiculturalism, national unity, regional differences, foreign control, and international relations. Students will explore the structure of Canadian society including issues related to health care, education, economy and work, social inequalities, government, and social policies.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 2230 CR-3 (formerly SOCI 1230)****Racialization and Ethnicity in Canada**

Students will explore the impact of racialization and ethnicity on Canadian social policy and practice in areas such as law and justice, education, human service delivery, arts, and the media. They will analyze evidence of systemic patterns of advantage and disadvantage based on race, ethnicity, and aboriginality in Canadian society. Students will critically examine the effects of race, ethnicity and aboriginality on social, political, and academic discourse, and on resistance movements.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 2235 CR-3 (formerly SOCI 1235)****The Development of Sociological Thought**

Students will explore the development of sociological thought from early modernist thinkers through to contemporary, post-colonial, and post-modern theorizing. They will critically evaluate essential sociological concepts, models, and theoretical approaches in light of the historical contexts in which they were developed, ongoing debates within the discipline, and their relevance to contemporary social life.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 2240 CR-3 (formerly SOCI 1240)****Women in Canada**

Students will examine the diversity of women's lives in Canada. They will consider various approaches to the study of gender (i.e., what constitutes femininity and masculinity), as well as various perspectives on gender inequality. Students will examine the diverse ways in which women's experiences shape and are shaped by institutions such as the economy, the state, education, family, and mass media. They will analyze the interrelationships in gender, race, ethnicity, class, age, sexuality, disability, and geography as well as their impact on the conditions of women's lives both within Canada and globally.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 2250 CR-3 (formerly SOCI 1250)****Families in Canada**

Students will examine the institution of the family in Canada in both historical and contemporary contexts. They will consider issues and approaches relevant to the sociology of the family and explore the structure and organization of various family forms and relations in the context of social, economic, and cultural transformation. Students will analyze the impact of gender, race, ethnicity and class on the institution of the family and compare cross-cultural and other differences among families both within Canada and globally.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 2255 CR-3 (formerly SOCI 1255)****Micro Sociology: the Dynamics and Structure of Social Interaction**

Students will explore and learn the social forces that stimulate and constrain social interaction, particularly in the area of social influence. They will examine who influences whom, how, and to what effect.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 2260 CR-3 (formerly SOCI 1260)****Research Methods in Sociology**

Students will study the quantitative and qualitative approaches used to conduct social research. They will emphasize practical application of research design and data collection techniques while conducting their own research projects.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 2270 CR-3 (formerly SOCI 1270)****Sociology of Education: A Critical Perspective**

Students will critically explore the sociological, philosophical, and psychological concepts and theories of education and learning. They will examine the historical, socio-economic, and political factors responsible for the establishment and growth of the education system and schooling in the Canadian and global contexts. Students will investigate and analyze current educational issues and controversies. They will analyze the effects of discrimination and inequality on the achievement levels of students, and the organization of schools and universities. Students will critically examine the effects of "race"/ethnicity, gender, class, sexual orientation, and disabilities on the experiences of teachers and students in schools.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 2275 CR-3 (formerly SOCI 1275)****Mass Media and Society**

Students will study the place of the mass media in Canadian society and their role in the social construction of reality. They will examine the development of print, radio, television, and new media in a global context, and will focus on the interconnection between media and other social institutions. Students will evaluate and apply various theoretical approaches to media production, content, and audiences.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 2280 CR-3 (formerly SOCI 1280)****Sociology of Health and Illness**

Students will learn how social, cultural, economic, and political factors surround the experience of the individual with regards to health and illness. They will learn about the structure of Canada's health care system, the roles of health care professionals, health care delivery systems, the interaction between health providers and service users, and policy issues in health care.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 2285 CR-3****Gods in the Global Village: A Sociological Perspective of World Religions**

Students will examine the social dimensions of religion in communities and countries across the world. They will explore the social relevance of religion to individuals and collectives in both the local and the wider global village. Students will explore several interpretations of religion offered by sociologists, past and present. They will also examine religion's contribution to the shaping of social reality and the status of religion in the world today as well as its future.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 2311 CR-3****Social Justice in the Global and Local Contexts**

Students will explore social, political, and economic justice in the global and local contexts. They will also examine social justice-related concepts of exploitation, oppression, resistance, privilege, power, inequity, self-determination, and (respect for) cultural diversity, from the sociological and related historical, philosophical, and political perspectives. Finally, students will examine the connections between local and global social justice-related issues and conflicts and how these issues and conflicts are handled in international bodies such as the UN.

*Prerequisites: SOCI 1125 (POLI 1150 or POLI 2130 recommended)*

*Transferable (refer to transfer guide)*

**SOCI 2365 CR-3****An Introduction to Statistics in Social Research**

Students will study basic statistical techniques used in sociology. They will examine descriptive and inferential statistics at an introductory level with an emphasis on practical applications. Students will learn to interpret and summarize data, perform basic bivariate analysis, and report findings in an informative and unbiased way.

*Prerequisites: SOCI 1125 and (CRIM 1208 or SOCI 2260)*

*Transferable (refer to transfer guide)*

**SOCI 3210 CR-3****Technology and Society**

Students will examine the complex relationship between technology and society in Canada and internationally from a sociological perspective. They will focus on the social and ethical implications of modern technology, as well as its historical development and cultural foundations. Students will learn to think critically and comprehensively about the role of technology in contemporary societies, through comparative analysis and theoretical evaluation. They will pay particular attention to the social, economic, political, and cultural transformations brought about by computerization, and explore the value conflicts and social challenges created by the new information technologies.

*Prerequisites: 45 credits, at 1100 or higher, including SOCI 1125*  
*Transferable (refer to transfer guide)*

**SOCI 3230 CR-3****International Migration and Ethnic Communities**

Students will critically examine the causes of international migration, refugee movements, and the establishment of ethnic communities outside of their countries of origin. They will focus on environmental crisis, ethnic strife and cleansing, wars, economic crisis, disease, and cultural issues. Students will look at the development of ethnic communities as a result of migration and the viability of such communities in the context of both multi-culturalism and uni-culturalism. They will also examine the ways in which gender, class, ethnicity, racialization, and legal status organize migration and settlement.

Note: This is a seminar course.

*Prerequisites: 30 credits including SOCI 1125 (SOCI 2230 recommended)*

*Transferable (refer to transfer guide)*

**SOCI 3235 CR-3****Classic Sociological Theories**

Students will examine classic sociological theories including the works of theorists such as Comte, Marx, Durkheim, Weber, Cooley and Mead, as well as early feminist and non-western theorists. They will explore the historical contexts in which the theories were developed and bring them to life by engaging in conceptual and critical analysis that furthers self-understanding and uncovers dimensions of our lives often take for granted. They will engage the theories through dialogue, join in debates that characterize sociology, and apply classic social theories to contemporary phenomena, issues, and problems, rather than treat the theories as relics of the past.

Note: this is a seminar course

*Prerequisites: SOCI 2235*

**SOCI 3240 CR-3****Gender in Global Context**

Students will examine the social, sexual, economic, and political dimensions of gender from multiple geographic and cultural locations. They will explore the foundational explorations of feminism into the study of gender, and reflect on subsequent diverse approaches to the study of gender from cross-cultural and interdisciplinary approaches such as post-colonial and critical race theory, queer theory, cultural studies, political economy, and Indigenous traditional knowledge. Students will analyze social identities, ideologies, structures, and policies that rest upon gendered processes of imperialism, neoliberalism, racialization, and sexualization in both local and global contexts.

*Prerequisites: SOCI 2240*

*Transferable (refer to transfer guide)*

**SOCI 3245 CR-3****Gender, Bodies, and Sexualities**

Students will explore historical and contemporary conceptions of sexualities and embodiment relating to gender in Westernized societies. Students will study the changing construction of gender, sexual identities and politics of embodiment that shape our everyday lives in relation to other socialized differences such as race and class. They will explore, discuss, and debate important theoretical and conceptual frameworks in gender and sexualities studies such as social structure, intersectionality, and social constructionism.

*Prerequisites: 30 credits at 1100-level or higher including SOCI 2240 or permission of the instructor*

**SOCI 3260 CR-3****Qualitative Methods in Sociology**

Students will learn the theoretical and ethical underpinnings of qualitative research as well as the practical tools of the trade. They will use a broad range of applications including observational analysis, in-depth interviews and focus groups, participatory action research, ethnographic research, case studies, and narrative research. Students will gain practical knowledge of the many ways in which qualitative research techniques provide a contextual and in-depth understanding of social phenomenon. Students will use computer software and will also learn to organize, manage and interpret qualitative data.

Note: This is a seminar course.

*Prerequisites: SOCI 2260*

*Transferable (refer to transfer guide)*

**SOCI 3270 CR-3****Education, Nation-Building and Globalization**

Students will critically examine the historical, socio-economic, and political factors responsible for the establishment and growth of education systems in different parts of the world. They will explore the roles of the education system in colonial intervention, promotion of Westernization, nation-building, and modernization globally. Students will explore the effects of globalization, neo-liberalism, and neo-conservatism on education systems and students in various countries from critical multidisciplinary perspectives.

Note: This is a seminar course

*Prerequisites: 30 credits of 1100 level or higher, including SOCI 1125 (SOCI 2270 recommended)*

*Transferable (refer to transfer guide)*

**SOCI 3275 CR-3****Sociology of Popular Culture**

Students will explore the role of popular culture in their everyday lives and its connection with social structures and processes. They will apply various sociological perspectives, concepts, and interpretive strategies to a critical examination of a variety of popular culture forms, consumer goods, and leisure activities. They will analyze the production and consumption of popular culture within the local and global contexts and explore the relationships between popular culture, and community, identities, ethnicity, gender, the body and sexuality.

*Prerequisites: SOCI 2275*

*Transferable (refer to transfer guide)*

**SOCI 3280 CR-3****Sociology of Dying and Death**

Students will critically examine cultural, historical, and contemporary attitudes and practices concerning dying and death. They will focus on the dying process, medicalization of death, funerals and body disposal, grief and bereavement, the coroner's role, suicide, assisted death, and other end of life decisions.

Note: This is a seminar course.

*Prerequisites: 60 credits, at 1100 level or higher, including SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 3300 CR-3 (formerly SOCI 2300)****Sociology of Work and Occupations**

Students will study the sociological aspects of work and occupations in the Canadian context. They will explore topics such as the historical transformation of work, the meaning of work, the impact of new technologies, and work structuring and restructuring. They will also examine the social organization of occupations, the relationship between work and social inequality, employment opportunities and insecurities, and control and resistance. Students will critically analyze issues related to work and occupations that affect Canadians in significant ways.

Note: This is a seminar course.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 3310 CR-3 (formerly SOCI 2310)****Sociology of Conflict and Conflict Resolution**

Students will critically analyze the basic elements and processes of human social conflict and dispute resolution. They will examine how real-world conflicts emerge and evolve into disputes, and ultimately run their course to either a resolution or stalemate. Students will also learn and apply strategies to dealing with conflict in everyday life situations.

Note: This is a seminar course.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 3320 CR-3 (formerly SOCI 2320)****Sociology of Global Inequalities**

Students will critically examine the various perspectives on development and underdevelopment within a global context, as well as their relation to changing economic, political and social situations in Canada and the Third World. They will examine the globalization process by focusing on NAFTA (North American Free Trade Agreement) and other regional economic arrangements, paying particular attention to the effect of such processes on communities and individuals.

Note: This is a seminar course.

*Prerequisites: SOCI 1125 (POLI 1150 or 2130 recommended)*

*Transferable (refer to transfer guide)*

**SOCI 3345 CR-3 (formerly SOCI 2345)****Social Policy in Context**

Students will examine how social issues are defined, and how social policies are formulated, administered, and revised. They will explore the dynamic relationship between social policy and Canada's social structure from varying theoretical perspectives. Students will consider historical and global influences, contemporary welfare state programs, as well as ideological, social, and economic factors shaping policy formation.

Note: This is a seminar course.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 3385 CR-3 (formerly SOCI 2385)****Introduction to Demography**

Students will study the analysis of population and its three main components: fertility, mortality, and migration. They will engage in an examination of demographic patterns in contemporary Canadian society, along with extensive cross-cultural and historical analysis. Students will also undertake in-depth study of significant contemporary international demographic changes, particularly those taking place in Asia and the USA.

*Prerequisites: SOCI 1125*

*Transferable (refer to transfer guide)*

**SOCI 4225 CR-3****Advanced Topics in Canadian Issues**

Students will engage in an intensive and critical examination of a number of Canadian issues, as selected by the instructor. Students will conduct a primary research project outside the classroom and/or in the field for a portion of the semester on a specific topic. They will review relevant literature, write a proposal, collect and/or analyze data, write a paper, and give a presentation of the paper.

Note: The topic(s) of study will be established in advance by the department. Please check with the department for proposed offerings. This is a seminar course. Students may take this course multiple times for further credit on different topics.

*Prerequisites: 60 credits at the 1100-level or higher including SOCI 2225 and SOCI 2260 (or CRIM 1208 or PSYC 2300 or PSYC 2400)*

**SOCI 4230 CR-3****Advanced Topics in Race/Ethnicity: A Global Perspective**

Students will engage in an intensive and critical examination of a number of issues and policies relating to race and ethnicity globally, as selected by the instructor. Students will conduct a primary research project outside the classroom and/or in the field for a portion of the semester on a specific topic.

Note: This is a seminar course.

Note: The topic(s) of study will be established in advance by the department. Please check with the department for proposed offerings. For further credit on different topics, students may take this course multiple times.

*Prerequisites: 45 credits at 1100 level or higher, including SOCI 1125 and SOCI 2230*

**SOCI 4275 CR-3****Lost in Transmission: Diversity and the Media**

Students will explore the historical and contemporary role of the media in framing images of, and discourses about ethno-racial minorities, women, senior citizens, people with disabilities, and sexualized minorities in Canadian society. They will examine both historic and modern-day media portrayals of minority communities in Canada, and will further explore the impact of those portrayals on the public's perception and behaviour, as well as individual responses. Students will also examine the cultural history and experiences of minorities, and how and why minority groups have created systems of mass media self-representation to counter the mainstream mass media.

Note: This is a seminar course.

*Prerequisites: A minimum of 60 credits at the 1100-level or higher, including SOCI 1125 and 2275*

*Transferable (refer to transfer guide)*

**SOCI 4280 CR-3****Sociological Aspects of Assisted Death**

Students will critically examine sociological and legal aspects of assisted death in Canadian and selected international contexts. They will study moral, ethical, and legal issues concerning assisted suicide and euthanasia; the development of social policy and law on end-of-life decisions; research on euthanasia and assisted suicide; and social movements for the right to die and the right to life.

Note: This is a seminar course.

*Prerequisites: 60 credits at 1100-level or higher, including SOCI 1125 and CRIM 1101*

*Transferable (refer to transfer guide)*

**SOCI 4310 CR-3****Terrorism, Globalization, and Social Justice**

Students will explore the socio-economic and historical foundations of globalization, inequality, social (in)justice, resistance, and terrorism. They will analyze social (in)justice, globalization and terrorism in local and global political, ideological, and religious conflicts. Students will analyze forms of resistance, oppression, and global inequality. Finally, they will examine theories and practices of conflict resolution, global economic justice, international and inter-ethnic arenas and peace initiatives of the United Nations and other bodies.

Note: This is a seminar course.

*Prerequisites: 45 credits of 1100 level or higher, including SOCI 1125 (SOCI 2230 and 3320 recommended)*

*Transferable (refer to transfer guide)*

**SOCI 4320 CR-3****Advanced Topics in Global Studies**

Students will engage in an intensive and critical examination of a number of global issues, as selected by the instructor. Students will conduct a primary research project outside the classroom and/or in the field for a portion of the semester on a specific topic.

Note: This is a seminar course.

Note: The topic(s) of study will be established in advance by the department. Please check with the department for proposed offerings. For further credit on different topics, students may take this course multiple times.

*Prerequisites: 45 credits at 1100 level or higher, including SOCI 1125 and SOCI 3320*

**SOCI 4325 CR-6****Sociological Aspects of Community Service**

Students will gain employment experience through volunteer work at not for profit social service agencies, international organizations or other community groups. They will work to complete a mutually agreed upon project that focuses on an issue or problem faced by the host agency. Through this project they will integrate sociological theory, concepts and methods and apply to the understanding of practical social issues. Students will also be involved in classroom based analysis and reflection about the interrelationships among organizations, culture and society.

*Prerequisites: 60 1100-level or higher credits including SOCI 1125 and (SOCI 2260 or PSYC 2400 or CRIM 2103)*

**SOCI 4330 CR-6****Global Community Service**

Students will deepen their formal preparation for local and global citizenship and gain practical experience through a field placement, doing volunteer work as part of a team with international non-for-profit/non-governmental or other community organizations in another country. They will engage in praxis-oriented, reciprocal learning about social justice issues through the application of theoretical and sociological knowledge, concepts, and methods to the practical, everyday lives of disadvantaged people and groups. They will work to complete a mutually agreed upon project that focuses on a social justice issue or problem faced by the host agency. Students will also be involved in classroom based analysis and critical reflection about the interrelationships among organizations, cultures and global society.

*Prerequisites: 45 credits at 1100-level or higher including SOCI 3320*

*Transferable (refer to transfer guide)*

**SPANISH (SPAN)****SPAN 1100 CR-3****Basic Spanish I**

Students who have little or no previous knowledge of Spanish will learn basic communication skills used in a Spanish cultural context. They will develop the ability to speak, comprehend, read, and write Spanish at a beginner level through various communicative tasks.

*Transferable (refer to transfer guide)*

**SPAN 1101 CR-3****Basic Spanish II**

Students who have completed one semester of a basic Spanish or an equivalent course in Spanish will continue learning spoken and written Spanish. They will develop basic oral and written communication skills used in a Spanish cultural context through the study of vocabulary, pronunciation, grammar and short essay writing.

*Prerequisites: SPAN 1100 or Spanish 11 (c or higher) or assessment by instructor*

*Transferable (refer to transfer guide)*

**SPAN 2200 CR-3****Intermediate Spanish I**

Students will develop reading and writing skills while further exploring the Hispanic culture. They will converse exclusively in Spanish during class time.

*Prerequisites: Spanish 11 with B or higher or Spanish 12 or SPAN 1101 or assessment by instructor*

*Transferable (refer to transfer guide)*

**SPAN 2201 CR-3****Intermediate Spanish II**

Students will continue to develop reading and writing skills while further exploring the Hispanic culture. They will converse exclusively in Spanish during class time.

*Prerequisites: Spanish 12 with B or SPAN 2200 or assessment by instructor*

*Transferable (refer to transfer guide)*

**SPAN 2205 CR-3****Writing and Oral Skills for Spanish Speakers**

Students possessing a native or near-native command of oral Spanish and/or an upper intermediate level of the language will consolidate their knowledge of Spanish with a special focus on writing the language formally (i.e. spelling, orthography and punctuation, expanding vocabulary at formal registers, and broadening the range of topics used in written and oral expression). Students will gain writing skills in a simple but formal and clear style. They will also increase their awareness of the diversity of Spanish spoken in different Spanish-speaking cultures.

Note: This course is designed for students possessing a native or near native command of oral Spanish.

*Prerequisites: SPAN 2201, or native or near-native oral command of Spanish, or assessment test*

*Transferable (refer to transfer guide)*

**SPAN 3310 CR-3****Advanced Spanish Conversation through Film**

Students will expand their conversational proficiency through the understanding of and appreciation for Spanish-speaking cultures and communities around the globe. Students will combine language and culture through the study of popular films as rich sources of cultural information. Students will be exposed to content-based communicative language learning to acquire advanced Spanish conversational skills in meaningful contexts.

*Prerequisites: SPAN 2201 or 2205 or Assessment Test*

*Transferable (refer to transfer guide)*

**SPAN 3320 CR-3****Advanced Spanish Reading and Writing**

Students will improve literary reading skills and advanced writing in Spanish. They will review complex grammar structures used in literary texts from different Spanish-speaking authors. Students will be provided with the necessary tools to enhance their vocabulary and to think critically and analytically about what they read and write in Spanish. They will write factual, expository, argumentative, and narrative essays.

*Prerequisites: SPAN 2201 or 2205 or Assessment Test*

*Transferable (refer to transfer guide)*



# SPECIAL EDUCATION TEACHER ASSISTANT (SETA)

## SETA 1101 CR-3

### Including Diverse Learners in Schools

Students will examine and reflect upon the philosophical, historical, organizational, and daily aspects of inclusive schooling. They will investigate patterns of diversity, possible implications of specific disabilities, and how individual strengths and needs may be supported in the classroom. Students will examine their role and own values, beliefs, and attitudes in supporting students with special needs and teachers in the school community.

*Prerequisites: ECHS 1135*

## SETA 1105 CR-3

### Supporting Learning in Schools

Students will explore the elements and processes of effective instruction and the role of the teacher assistant in supporting learning. They will investigate models of learning, including Multiple Intelligences Theory, and discuss how they apply to classroom practice. Students will apply strategies and positive approaches to support learners through classroom activities and case studies.

## SETA 1120 CR-2

### Principles of Proactive and Positive Behaviour Support

Students will examine the principles of positive behavior support and proactive classroom management. They will develop positive behavior support plans based on information acquired from a functional assessment. Students will examine their own values, beliefs and attitudes in relation to their role in supporting children and youth with challenging behaviors.

## SETA 1161 CR-1.5

### Change and Development: Childhood

Students will explore the human passage from conception through middle childhood. They will draw on theory and personal experience to investigate and reflect on child development, change, and diversity in relation to self and others.

## SETA 1162 CR-1.5

### Change and Development: Adolescence through Middle Adulthood

Students will explore the human passage from adolescence through middle adulthood. They will draw on theory and personal experience to investigate and reflect on adolescent and adult development, change, and diversity in relation to self and others.

*Prerequisites: SETA 1161*

## SETA 1225 CR-1.5

### Alternative and Augmentative Communication

Students will examine issues related to the education of individuals who use nonverbal forms of communication. They will explore strategies for the creation and support of technical and non-technical augmentative and alternative systems for communication and written output. Students will examine their role, and the role of other professionals, in enhancing participation and interaction for children with severe communication challenges.

*Prerequisites: ECHS 1125 and ECHS 1135 and SETA 1101 and SETA 1105 and SETA 1120 and SETA 1161 and SETA 1270*

## SETA 1270 CR-3.5

### Practicum One

Students will participate in a four-week, full-time practicum in an elementary or secondary school setting. They will observe, assist, and work with children and/or adolescents requiring learning, behavioral, and/or physical support under the guidance and supervision of professional staff. Students will also participate in seminars to discuss self, theory and practice issues.

*Prerequisites: SETA 1161*

*Co-requisites: ECHS 1135 and SETA 1101 ECHS 1135 and SETA 1101*

## SETA 1280 CR-2.5

### Health and Personal Care Support for Teacher Assistants

Students will explore health and personal care issues for children and adolescents with disabilities, and the role of the teacher assistant in supporting them. They will practice selected psychomotor skills necessary to provide health and personal care support.

## SETA 1305 CR-3

### Overview of Curriculum for Inclusive Schools

Students will examine the philosophy, goals, and content of curriculum in elementary and secondary schools in British Columbia. They will explore the philosophy of inclusive education and their role within the context of curriculum delivery. Students will apply the principles of adapting and modifying curriculum to learning activities. They will identify and develop strategies to facilitate learning, based on students' strengths and needs.

*Prerequisites: ECHS 1125 and ECHS 1135 and SETA 1101 and SETA 1105 and SETA 1120 and SETA 1161 and SETA 1270*

## SETA 1370 CR-3.5

### Practicum Two

Students will integrate and apply theoretical concepts from their coursework in a final, four-week practicum that is a full-time experience in an elementary or secondary school setting. They will actively observe, assist, and work with children and/or adolescents requiring learning, behavioral, and/or physical support under the guidance and supervision of professional staff. Students will also participate in seminars to discuss self, theory, and practice issues.

*Prerequisites: SETA 1162 and SETA 1225 and SETA 1270 and SETA 1280 and SETA 1305 and CAHS 2120 and ECHS 1212 and CMNS 1217*

# U

# UNIVERSITY CONNECTIONS (UCON)

## UCON 1099 CR-3

### Cross Culture Job Search

Students, both first and second language speakers, will learn practical job search skills to work in the Canadian and international workforce. Students will learn and practise job-search techniques, job and career correspondence (including applications and resumes), self-marketing strategies and techniques, and oral communication, (e.g., telephoning and interviewing skills). They will compare and discuss rights and responsibilities in workplace cultures around the world.

*Prerequisites: ELST 0281 with B- or [(Accuplacer 108 or TOEFL IBT 79 or CB-TOEFL 213 or TOEFL 550) and (Kwantlen ESL Writing Band 6 or TOEFL IBT writing sub-score 21 or TWE 4.5)] or IELTS 6.0 with a minimum sub-score of 5.5 or English 12 with C*

# W

## WELDING (WELD)

### WELD 1010 CR-1

#### Worksite Safety and Orientation

Students will identify and respond to workplace hazards. They will safely use and maintain welders' hand tools, portable power tools, and personal safety equipment. Students will study the role of WorkSafeBC and their responsibility to apply its regulations and policies.

### WELD 1115 CR-4

#### Oxy Fuel Welding and Cutting

Students will learn the function of each component in an oxy fuel welding and cutting system, and will assemble, test, adjust and operate this equipment. They will study the properties of high pressure oxygen, acetylene and propane gases, and will learn and apply oxy fuel safety regulations. Students will develop skill by completing a variety of welding and cutting exercises.

*Prerequisites: WELD 1010*

### WELD 1120 CR-4

#### Basic Shielded Metal Arc Welding

Students will study shielded metal arc welding (SMAW) theory and applications. They will select, set up and adjust SMAW power sources. Students will learn the composition and classification of SMAW electrodes. They will develop skill by completing a variety of welded joints. Students will learn to apply SMAW safety regulations.

*Prerequisites: WELD 1115*

### WELD 1130 CR-4

#### Basic Gas Metal Arc Welding

Students will study basic gas metal arc welding (GMAW) theory and application. They will select, set up, and adjust GMAW power sources and wire feeders. Students will learn the composition and classification of GMAW electrode wires and shielding gases. They will develop skill by completing a variety of weld joints. Students will learn and apply GMAW safety standards.

*Prerequisites: WELD 1120*

### WELD 1140 CR-1

#### Material Handling

Students will study hand and power rigging techniques used by welders and fabricators. They will select and use slings, shackles, spreaders and related rigging hardware. Students will learn the concepts of safe working load, centre of gravity, and rigging limitations. They will learn and apply the Occupational Health and Safety Regulations and Guidelines of WorkSafeBC.

*Prerequisites: WELD 1130*

### WELD 1200 CR-1

#### Air Arc and Plasma Arc Cutting

Students will study air arc and plasma arc theory and application. They will select, set up, and operate plasma arc and air arc power sources. Students will use and maintain torches and related equipment. They will develop skills by cutting carbon steel, stainless steel and aluminum plate. Students will learn and comply with air arc and plasma arc safety regulations.

*Prerequisites: WELD 1140*

### WELD 1210 CR-4

#### Advanced Shielded Metal Arc Welding

Students will study advanced Shielded Metal Arc Welding (SMAW) theory and application. They will describe the major components and operating principles of SMAW power sources. Students will review the composition and application of SMAW electrodes. They will further develop their skills by completing a variety of welded joints.

*Prerequisites: WELD 1200*

*Co-requisites: WELD 1220*

### WELD 1220 CR-1

#### Read Technical Drawings

Students will read and interpret fabrication drawings. They will study the principles of orthographic and pictorial projections, including all lines, views and related information. Students will interpret symbols, abbreviations and material specifications. They will identify and solve dimensioning problems.

*Co-requisites: WELD 1210 WELD 1210*

### WELD 1230 CR-4

#### Advanced Gas Metal Arc Welding

Students will study advanced Gas Metal Arc Welding (GMAW) and Flux Core Arc Welding (FCAW) theory and application. They will describe the operating principles of constant voltage power sources and wire feeders. Students will learn the properties and applications of blended shielding gases. They will select and use solid and tubular electrodes. Students will further develop their skills by completing a variety of welded joints.

*Prerequisites: WELD 1220*

*Co-requisites: WELD 1240*

### WELD 1240 CR-1 (formerly WELD 1203)

#### Basic Metallurgy

Students will study the physical and mechanical properties of ferrous and non ferrous metals. They will describe the manufacture and processing of iron and steel. Students will learn to identify metals using practical techniques. They will classify and describe applications of iron and steel products.

*Prerequisites: WELD 1220*

*Co-requisites: WELD 1230*

**WELD 1250 CR-2****Stationary Shop Equipment**

Students will select, set up and operate stationary fabrication equipment. They will use and maintain press drills, stationary saws, iron workers and power squaring shears. Students will develop skill by working on individual and group projects. They will comply with fabrication machinery safety regulations.

*Co-requisites: WELD 1230 and 1240*

**WELD 2100 CR-5****Shielded Metal Arc Pipe Welding**

Students will study pipe welding theory technique and safety using the Shielded Metal Arc Welding process (SMAW). They will learn appropriate tool use, pipe groove preparation and fitting techniques. Students will work with a variety of pipe diameters, schedules and electrodes. They will develop skill by welding pipe in all positions. Students will visually and destructively test their work

*Prerequisites: WELD 1210*

*Co-requisites: WELD 2110 WELD 2110*

**WELD 2110 CR-3****Welding Standards and Testing**

Students will study destructive and non-destructive testing methods applied to welded connections. They will learn and comply with welding codes and standards for structural steel, boilers and piping. Students will learn the importance of quality control and management in manufacturing, construction and maintenance operations. They will describe welding testing and certification

*Prerequisites: WELD 1210 & 1230*

*Co-requisites: WELD 2100*

**WELD 2120 CR-3****Gas Metal Arc Alloy Welding**

Students will study advanced Gas Metal Arc Welding (GMAW) techniques used to weld aluminum, stainless steel and alloy steel products, and the identification and correction of weld faults. They will review constant voltage power sources and specialized wire feeders. Students will select and use a variety of alloy electrode wires and shielding gases. They will develop skill by safely welding aluminum, stainless steel and alloy steels

*Prerequisites: WELD 2100 & 2110*

*Co-requisites: WELD 2130*

**WELD 2130 CR-3****Piping Drawings**

Students will read and interpret pipe fabrication and installation drawings. They will learn orthographic and isometric formats. Students will use symbols and terminology specific to pipe work. They will identify and describe applications for common pipe fittings and components and use piping mathematics. Students will lay out elbows, tees and offsets.

*Prerequisites: WELD 2100 & 2110*

*Co-requisites: WELD 2120*

**WELD 2140 CR-2****Advanced Flux Core Arc Welding**

Students will study advanced Flux Core Arc Welding (FCAW) techniques used in heavy machinery and structural fabrication. They will review constant voltage power source and wire feeder theory. Students will select and use gas shielded and self shielded electrodes. They will develop skill by completing a variety of welded joints to high standards using the appropriate safety equipment. Students will visually and destructively test their work.

*Prerequisites: WELD 2120 and 2130*

*Co-requisites: WELD 2150 WELD 2150*

**WELD 2150 CR-3****Alloy Metallurgy**

Students will study the microstructure of ferrous and non-ferrous alloys. They will describe the heat treatment of steel and aluminum. Students will identify the effects of alloy content on the weldability of steel and aluminum.

*Prerequisites: WELD 2120 and 2130*

*Co-requisites: WELD 2140*

**WELD 2160 CR-3****Basic Gas Tungsten Arc Welding**

Students will study Gas Tungsten Arc Welding (GTAW) theory and application. They will select, setup and adjust high frequency power sources. Students will learn the composition, classification and application of tungsten electrodes, shielding gases and filler material. They will develop skill by practicing a variety of welded joints on mild steel, stainless steel and aluminum using the appropriate safety equipment. Students will learn and apply GTAW regulations.

*Prerequisites: WELD 2140 and 2150*

**WELD 2200 CR-2.5****Shielded Metal Arc Alloy Welding**

Students will study alloy steel and stainless steel welding using the Shielded Metal Arc Welding (SMAW) process. They will select and use specialized coated electrodes. Students will prepare and fit alloy plate and pipe. They will develop skill by completing a variety of welded joints, and identify and correct weld faults. Students will visually and destructively test their work.

*Prerequisites: WELD 2160*

*Co-requisites: WELD 2210*

**WELD 2210 CR-1****Advanced Alloy Metallurgy**

Students will study the weldability of non-ferrous and reactive metals. They will learn the physical and mechanical properties of nickel, copper, magnesium, titanium and zirconium alloys. Students will describe joint geometry, joint preparation, cleaning and shielding methods. They will identify and correct welding problems.

*Prerequisites: WELD 2160*

*Co-requisites: WELD 2200*

**WELD 2220 CR-3****Gas Tungsten Arc Alloy Welding**

Students will study alloy steel and stainless steel welding using the Shielded Metal Arc Welding (SMAW) process. They will select and use specialized coated electrodes. Students will prepare and fit alloy plate and pipe. They will develop skill by completing a variety of welded joints, and identify and correct weld faults. Students will visually and destructively test their work.

*Prerequisites: WELD 2200 and WELD 2210*

*Co-requisites: WELD 2230*

**WELD 2230 CR-3****Plate and Pipe**

Students will study parallel line development, radial line development and triangulation. They will lay out and develop offsets, cones and square to round transitions. Students will solve angles, circumference and true lengths required for pipe and plate development.

*Prerequisites: WELD 2200 and WELD 2210*

*Co-requisites: WELD 2220*

**WOMEN'S STUDIES (WOMN)****WOMN 2200 CR-3****Footsteps of the Crone: Creative Teaching & Learning**

Students will explore teaching and learning theories from crone wisdom through the ages by mothers and grandmothers, to modern feminist-oriented teaching and learning theories. They will use a crone wisdom lens to assess learning needs and preferences of people of all ages. Students will develop structured and informal learning plans to meet the educational needs of people.

**WOMN 3100 CR-3****Conceptual Traps & Health Care**

Students will apply feminist, critical, environmental, change, and women-centered leadership theories in analyzing how patriarchal and capitalistic values affect local, regional, provincial, and national health care policy. The roots of failed delivery systems will be analyzed. Proposals will be developed for the innovative delivery of psychiatric/mental health nursing services in select communities, based on theories covered in class.

*Prerequisites: (ENGL 1100 for BPN students) or (CAHS 3500 for RPN students)*

# Glossary

University terms and concepts. What do they mean ?

## **Application:**

The act of applying for admission to the university.

## **Admission:**

The decision to admit a student into a credentialed or non-credentialed program after all conditions of acceptance have been met.

## **Admission Requirements:**

Requirements, including academic and non-academic, that must be fulfilled to qualify for admission to the university and a program.

## **Academic Standing:**

Students need to maintain a minimum GPA of 2.0 (C average) in order to stay in Good Academic Standing. Students who fall below those may go on Academic Warning and then Academic Probation before being Required to Withdraw. See also GPA

## **Associate Degree:**

The associate degree consists of 60 credits of study prescribed by the Ministry of Education in arts or science. Most of the universities and university colleges will grant transfer credit for an associate degree. That is, they may guarantee 60 transfer credits to holders of the associate degree, even if all the courses taken towards the associate degree do not transfer individually to that institution.

## **Bachelor's degree:**

A baccalaureate (or bachelor's) degree is the first in a series of possible university degrees. It is approximately 120 credits and takes four to five years of full time studies to complete. Students wishing to transfer may complete up to a maximum of 90 credits, depending on the program, towards a Bachelor's Degree at Kwantlen. Students who have met the required GPA requirements and wish to continue studies at the graduate level may apply for admission to Master's degrees or Doctoral (PhD) programs after completing the baccalaureate.

## **Calendar, Academic Calendar:**

The University's official publication of the programs and courses offered. It also lists admission and degree requirements, university rules, regulations and important dates, and is published annually. It can be found online at: [www.kwantlen.ca/calendar.html](http://www.kwantlen.ca/calendar.html)

## **Certificate:**

A certificate is generally a 30 credit program that takes one year of full time studies.

## **Continuous Intake:**

A continuous-intake program is a certificate or citation program in which there are a limited number of seats that are continuously filled from a wait-list as spaces become available. There is no fixed beginning and end dates for these programs and students generally work on a self-paced basis.

## **Convocation:**

Is the ceremony where you are awarded/conferred your credential by the Chancellor.

## **Co-operative Education:**

Co-op education gives students the opportunity to combine theory with on the job training. Co-op combines on-campus classes with periods of paid off-campus career related work experience.

## **Co-requisite:**

Course(s) that must be taken at the same time, or previous to, a currently registered course (min. grade of C if taken previously).

## **Course Load:**

The maximum course load is restricted to 5 courses per semester; the average is 3 – 4 courses per semester. Some programs may require a specific course load.

## **Counselors:**

Provide career counseling to help with career decision-making and transitions, help students who are experiencing personal problems and crisis situations, provide career exploration workshops and success skills seminars, assist students with issues around learning such as test anxiety, study skills, and time management, and provide referrals to community agencies and other members of the university community.

## **Credit/Credit Hour:**

A credit is the point value attached to a course. The number of credits assigned to a course directly relate to the amount of class time per week. Most courses at Kwantlen are worth 3 credits. Credits are used in the calculation of GPA and fees, and in meeting the minimum number of credits required for a credential. A first year student has fewer than 30 credits; second year = 30-59 credits; third year = 60-89 credits; and fourth year = equal or greater than 90 credits.

## **Credential:**

The credential is awarded upon completion of the required university and program academic and curricular requirements. A credential can be a certificate of completion, citation, a certificate, a diploma, an associate degree, a bachelor's degree, a post-baccalaureate certificate, or a post-baccalaureate diploma.

## **CRN:**

Stands for 'Course Reference Number'. This is the number which is attached to a specific section of a course and is used to register in a particular section of a course.

## **Diploma:**

A diploma is generally a 60 credit program that takes two years full time.

## **Drop:**

De-registering from a course before the end of late registration (no record of the withdrawal is recorded on your transcript).

## **Educational Advisors:**

Advisors are available to guide students in selecting and planning effective programs of studies for university transfer and career training programs through group course planning sessions and through individual consultations as well as provide referrals to other members of the university community.

## **Elective:**

A course which is freely selected by a student to fulfill degree requirements. All degree programs include some required classes and some electives. Electives may or may not be transferable to the chosen institution.

## **Faculty:**

Professors or instructors are known as faculty members.

## **Faculty or Faculties:**

A division or branch of learning within a college or university, for example, the Faculty of Arts.

## **Fixed intake:**

Trades / Apprenticeship programs have a limited number of seats, and begin and end on dates that are usually different from Kwantlen's regular semester dates, known as 'fixed-

intake'. Admission to most Trades / Apprenticeship programs requires a selection process based on specific program admission requirements. Qualified applicants are wait-listed by date of qualification.

**Full time:**

A student who is enrolled in nine or more semester credit hours is considered to be full-time. The minimum course load to qualify for a student loan is nine post-secondary undergraduate level credits.

**Grade Point Average (GPA):**

Is calculated by multiplying the grade points associated with the letter grade received in a course by the number of credits assigned to that course, adding those values for all courses taken, and dividing the result by the total number of credits taken. Withdrawals are not included in the calculations. For repeated courses, only the highest grade achieved is used in the calculation.

**Cumulative Grade Point Average (CGPA)** is the GPA calculated over all the terms in which the student has been enrolled.

**Program GPA** is the GPA you have achieved in all courses that will be counted towards graduation.

**Term Grade Point Average (TGPA)** is an overall weighted average of the marks which you earned in a particular term.

**Graduation:**

Is the term used to acknowledge that you have met your program requirements and that your credential has been audited by the Office of the Registrar and conferred by Senate to graduate from the program.

**ITA-ID**

This is the Industry Training Authority Individual Identification Number, formerly known as the Trade Worker ID (TWID) number.

**Limited Enrolment:**

Limited enrolment programs have a limited number of seats available within each intake.

**Lower Division Requirements:**

These are requirements that should be completed in the first 60 credits of a baccalaureate degree; also referred to as 1st and 2nd year requirements.

**Major:**

A major is the principal subject or area of concentration within a Bachelor Degree.

**Minor:**

A minor is a secondary subject area of concentration within a Bachelor Degree.

**myKwantlen:**

A web service that can be reached directly (<http://mykwantlen.ca>). For students, myKwantlen provides access to online registration. myKwantlen also has information on student accounts, final grades and personal information.

**Open Admission:**

An open admission program has program admission requirements that are the same as the general university admission requirements.

**Open Registration:**

Open registration programs are those programs in which students may register for one or more courses in accordance with an established registration priority system. Most semester-based programs are open registration programs.

**Part-Time:**

At Kwantlen, a student who is registered in less than 9 credits hours of study in a semester is considered part-time.

**PIN:**

PIN stands for (Personal Identification Number). Initially, this is a 6-digit number based on your birth date - ddmmyy (e.g. birthday 10th of January 1980 your PIN # is 100180). This will be your PIN the very first time you login to myKwantlen. You will immediately be asked to change to a more secure PIN.

**Policies:**

All official policies related to being a student at Kwantlen can be found at [www.kwantlen.ca/policies](http://www.kwantlen.ca/policies). This includes information about grades, withdrawal from courses and tuition.

**Prerequisite:**

A class that needs to be taken and passed before another course can be taken. For example, you need to take ENGL 1100 before you can ENGL 1202. Generally a prerequisite course must be completed with a grade of (C) or higher unless otherwise stated. Pre-requisite requirements can be found in the Course Description section of the Academic Calendar.

**Prior Learning Assessment (PLA):**

To grant credits towards a certificate, diploma, or degree for learning gained through work, training, or informal experience.

**Program:**

Term used to describe an academic area that culminates in a certificate, diploma or degree.

**Program Requirements:**

Courses which are mandatory for a particular certificate, diploma, or degree.

**Registration:**

The process of signing up for a specific course. At Kwantlen this is done online. Registration starts between two to four months before classes start and continues into the second week of classes. More information about registering for classes can be found at: [www.kwantlen.ca/webreg](http://www.kwantlen.ca/webreg).

**Registration Date:**

This is the date (and time) on which you have your first opportunity to register in classes. At Kwantlen, there is a system of prioritizing students for registration. New students register according to application date. Returning students register according to the number of credits completed and their GPA. For more information on registration priority, see [www.kwantlen.bc.ca/calendar/registr.html](http://www.kwantlen.bc.ca/calendar/registr.html)

**Required Course:**

A class you have to take to fulfill the requirements for your specific credential program.

**Section:**

Refers to a specific offering of a course at a particular time and location in a term (e.g. R50 is an evening section at Richmond).

**Selective Entry:**

Selective Entry Programs are those that have admission criteria in addition to the general university admission requirements. Admission is based on a selection process and qualified applicants are then offered admission to the program.

**Semester:**

At Kwantlen the Academic year is divided into three semesters: Fall (September – December); Spring (January – April); and Summer (May – August). Some students choose to attend only two semesters (usually Fall and Spring), while others go year-round.

**Student Number:**

Is a nine character identification number in the format 100#####. This number which can be found initially on your acceptance letter is used to gain access to myKwantlen, myKwantlen email, and to identify you as a Kwantlen student while you are here.

**Smart Card:**

Your university identification card. The Smart Card has many functions aside from identification; it serves as a library card, and as a refillable cash card to access copiers and Pay-for-Print Labs. It is available at Library Checkout counters at no cost; photo ID and proof of address is required to obtain this card. There is a replacement fee for lost cards.

**Timetable:**

Is a course schedule that is an online resource that has information on all of the classes offered at Kwantlen in a given semester. It includes information on class days and times, location, how many seats are available, professor's name, as well as the Class Reference Number (CRN) needed to register for the class from myKwantlen.

**Transcript:**

The official historical printed record of academic work completed at an institution.

**Transfer Credit:**

The granting of credit for studies completed at another institution. Course transferability is determined between institutions within B.C. through the B.C. Transfer Guide at [www.bctransferguide.ca](http://www.bctransferguide.ca).

**Tuition:**

The fee required for taking courses at Kwantlen. Tuition fees vary depending on what program the student is completing or if the student is domestic or international. For semester and term-based programs, fees are calculated per credit hour.

**Undergraduate Student:**

An undergraduate student is pursuing a Bachelor's degree. An undergraduate degree (Bachelor's) can be a stepping stone to post-graduate programs, such as: Medical school, Education programs, MBA or law school.

**Upper Division Requirements:**

These are requirements that should be completed in the last 60 credits of a baccalaureate degree. They are also referred to as 3rd and 4th year requirements.

**Upgrading/University Preparatory:**

Students who are missing the required prerequisites in a particular subject can take the necessary courses needed to reach that level. This is referred to as upgrading (ex. taking the equivalent of grade 12 Math course in order to meet the requirements for first-year calculus).

**Withdraw:**

To formally remove yourself from a class via the On-line Self Service account. If this is done prior to the deadline, students will receive a 'W' in their transcripts and will not be calculated into their grade point average. There is also formal withdrawal from all courses and program at the University.

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- General Science: Associate of Science Degree



## **General Studies**

- General Studies: Associate of Arts Degree
- General Studies: Bachelor of Arts Degree
- General Studies: Diploma

## **Geography**

- Geography: Associate of Arts Degree
- Geography: Associate of Science
- Geography: Bachelor of Arts Minor

## **Gerontology**

- Gerontology-Based Therapeutic Recreation: Certificate

## **Graphic Design for Marketing**

- Graphic Design for Marketing: Bachelor of Design

## **Health Care**

- Health Care Assistant: Certificate
- Health Unit Coordinator: Certificate

## **History**

- History: Associate of Arts Degree
- History: Bachelor of Arts Major and Minor

## **Horticulture**

- Horticulture: Citations
- Horticulture: Diploma
- Landscape Horticulture: Apprenticeship
- Plant Health: Bachelor of Horticulture Science Major
- Production Horticulture: Apprenticeship
- Urban Ecosystems: Bachelor of Horticulture Science Major

## **Human Resources Management**

- Human Resources Management: Bachelor of Business Administration
- Human Resources Management: Post Baccalaureate Diploma

## **Information Technology**

- Information Technology: Bachelor of Technology

## **Interior Design**

- Interior Design: Bachelor of Interior Design

## **Journalism**

- Journalism: Bachelor of Journalism (also: Honours)

## **Legal Administrative Studies**

- Legal Administrative Studies: Certificate

## **Marketing**

- Marketing Management: Bachelor of Business Administration
- Marketing Management: Diploma
- Marketing: Certificate

## **Masonry**

- Masonry: Citation (Foundation)

## **Mathematics**

- Mathematics: Associate of Science Degree
- Mathematics: Bachelor of Arts Minor

## **Metal Fabrication**

- Metal Fabrication: Apprenticeship
- Metal Fabrication: Citation (Foundation)

## **Millwright/Industrial Mechanic**

- Millwright/Industrial Mechanic: Apprenticeship

- Millwright/Industrial Mechanic: Citation (Foundation)

## **Modern Languages**

- Modern Languages

## **Music**

- Music: Associate of Arts Degree
- Music: Certificate
- Music: Diploma

## **Nursing**

- Critical Care Nursing: Post Baccalaureate Certificate
- Graduate Nurse, Internationally Educated Re-entry: Certificate
- Graduate Nurse Qualifying: Certificate of Completion
- Graduate Nurse Re-Entry: Citation
- Nursing: Bachelor of Science in Nursing
- Nursing: Degree Completion for Registered Nurses
- Psychiatric Nursing: Bachelor of Psychiatric Nursing

## **Outdoor Power Equipment**

- Outdoor Power Equipment Technician: Citation

## **Parts & Warehousing**

- Logistics & Distribution: Apprenticeship
- Parts & Warehousing: Apprenticeship
- Parts & Warehousing: Citation (Foundation)

## **Philosophy**

- Philosophy: Associate of Arts Degree
- Philosophy: Bachelor of Arts Honours, Major, and Minor

## **Physics**

- Physics: Associate of Science

## **Plumbing**

- Plumbing: Apprenticeship
- Plumbing: Citation (Foundation)

## **Policy Studies**

- Policy Studies: Bachelor of Arts Major in Policy Studies

## **Political Science**

- Political Science: Associate of Arts Degree
- Political Science: Bachelor of Arts Minor

## **Power Line Technician**

- Power Line Technician: Citation

## **Psychology**

- Psychology - Applied: Bachelor of Science (also: Honours)
- Psychology: Associate of Arts Degree
- Psychology: Bachelor of Applied Arts (also: Honours)
- Psychology: Bachelor of Arts Honours, Major, and Minor

## **Public Relations**

- Public Relations: Diploma

## **Public Safety Communications**

- Public Safety Communications: Certificate

## **Qualifying Studies**

- University Qualifying Studies

## **Science**

- Associate of Science Degree Framework
- Science & Math Information
- Science: Diploma

**Sociology**

- Sociology: Associate of Arts Degree
- Sociology: Bachelor of Arts Major and Minor

**Special Education Teacher Assistant**

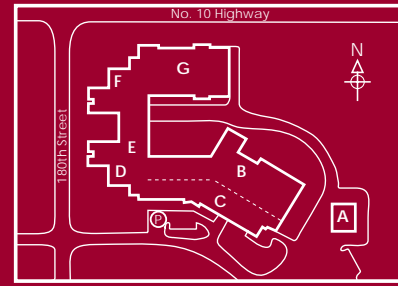
- Special Education Teacher Assistant: Certificate

**Welding**

- Welding Level 'A': Citation
- Welding Level 'B': Citation
- Welding Level 'C': Certificate

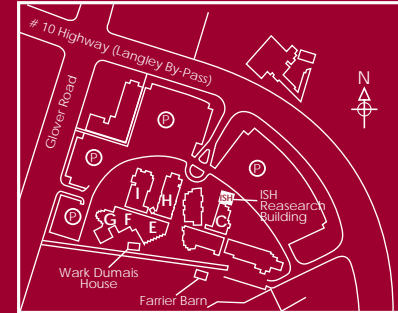
# WHERE WE ARE

## Cloverdale



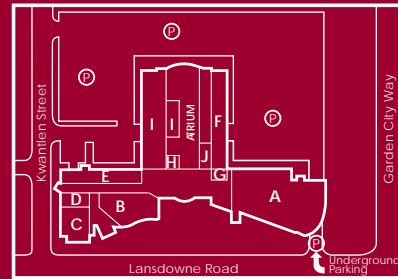
- A: Fairrier
- B: Shops
- C: Classrooms
- D: Student Services
- E: Cafeteria
- F: Library
- G: Shops/Classrooms

## Langley



- A, C, D, F, I: Classrooms/Labs/Faculty Offices
- B: Cafeteria/Student Associatopm
- D: Bookstore
- E: Library
- G: Auditorium
- I: Administration/Admissions/Counselling/Financial Awards
- J: Horticulture Field Lab

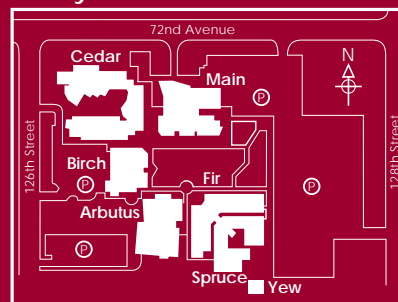
## Richmond



- A: Library
- B: Cafeteria
- C, D, F: Classrooms/Labs/Faculty Offices
- E: The Learning Centre
- G: Student Association
- H: Financial Awards
- I: Administration/Admissions/Counselling
- J: Bookstore

2nd and 3rd floors, East, West and North Wings:  
Classrooms/Studios/Labs/Faculty Offices/Conference Center

## Surrey



- Arbutus: Library/Learning Centre
- Birch: Bookstore/Cafeteria
- Main: Enrolment Services/Counselling/Student Awards & Financial Assistance/Aboriginal Gathering Place
- Fir, Spruce, Cedar: Faculty Offices/Classrooms/Studios/Labs
- Cedar: Administration/Labs/Classrooms/Gymnasium/Student Association/Cafeteria/Wellness Centre
- Yew: Storage



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