

PROGRAM

GUIDE

2017

kpu.ca



IN THIS GUIDE:

• I want to learn pest management • I want to work in a lab • I want to study astronomy • I want to learn about statistics • I want to study the environment • I want to learn about genetics • I want to study living organisms • I want to positively impact our ecosystem • I want to be a computer programmer • I want to create sustainable solutions • I want to study agriculture • I want to become a brewmaster • I want to learn to landscape • I want to design for the environment • I want to do experiments • I want to learn about quantum physics • I want to create green solutions • I want to learn farming methods • I want to learn pest management • I want to work in a lab • I want to study astronomy • I want to learn about statistics • I want to study the environment • I want to learn about genetics • I want to study living organisms • I want to positively impact our ecosystem • I want to be a computer programmer • I want to create sustainable solutions • I want to study agriculture • I want to become a brewmaster • I want to learn to landscape • I want to design for the environment • I want to do experiments • I want to learn about quantum physics • I want to create green solutions • I want to learn farming methods

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This Program Guide is current as of July 1, 2016.
For the most up-to-date information, visit kpu.ca.



WELCOME TO KPU

Hey you! Yeah, you, reading this. We want to officially welcome you to KPU. We're proud to offer unique programs and great opportunities for hands-on learning. Feel free to flip through the guide—there's lots to see. If you have questions along the way, no problem! We can help. Come visit us at the Future Students' Office.

Meet with us in person during drop-in sessions for more information

MONDAY	KPU Richmond Room 1566 1-4pm	
TUESDAY	KPU Surrey Main Building, Room 104 2-6pm	
WEDNESDAY	KPU Langley Room 1059 1-4pm	KPU Tech Room 1122 1-4pm
THURSDAY	KPU Surrey Main Building, Room 104 1-4pm	

Drop-in times are subject to change. Please check the website for up-to-date information.



> kpu.ca/futurestudents
study@kpu.ca
604.599.3030

f /kwantlenu
@kwantlenu

ig @kwantlenu
@kwantlenu

120+
PROGRAMS

7 Faculties

Continuing and Professional Studies > kpu.ca/cps

FREE
on-campus
fitness activities

30+
**student
services**

MORE ON PAGE 6

POLY-WHAT?

 **POLYTECHNIC**

That's what you'll get as a student at KPU.
Take your learning out of the classroom and
develop practical skills through hands-on
experiences that apply to real-life situations
and your future career.

Multi-faith
& sacred
spaces

on Richmond and
Surrey campuses

50,000+
alumni connections

FREE 
WIFI

KPQueue: Line up for
Student Enrolment Services
online and through your smart phone



Work experience, practicum, co-op or
internship opportunities **in every faculty**

\$225,000

in KPU entrance scholarships

\$2 million

in scholarships, awards,
and bursaries

**STUDY
ABROAD**

exchanges &
field schools on
six continents

**OVER
1,300**
faculty &
staff *...at your service*

KPU Langley **L**



KPU Richmond **R**



KPU Surrey **S**



KPU Tech (Cloverdale) **T**



one university **FOUR CAMPUSES**

FREE

intercampus shuttle

free tutoring ON
EACH CAMPUS AT THE
Learning Centre

35
students/class
MAX

STUDENT SERVICES



ABORIGINAL SERVICES

- » Our name, Kwantlen, comes from the Kwantlen First Nation and means tireless runner.



COUNSELLING SERVICES

- » KPU offers free and confidential counselling services for students on a range of issues.

INTERNATIONAL

- » KPU has exchange partnerships with over 20 universities around the world.



SERVICES FOR STUDENTS WITH DISABILITIES

- » KPU supports students with disabilities by facilitating accommodations, auxiliary aids and services, funding and technical assistance.

SPORT AND RECREATION

- » Participate in intramural leagues, fitness classes, tournaments, and much more.



ACADEMIC ADVISING

- » You can see an academic advisor to get information tailored to your program and interests.

CAREER SERVICES

- » You can have your résumé reviewed and order your own student business cards.

THE LEARNING CENTRE

- » TLC offers online tutoring you can access anytime, anywhere.

STUDENT LIFE

- » KPU currently has over 40 student clubs – join one or start your own.

CAMPUS LIFE

enjoy lunch
at the
cafeteria

join a
team,
work
out, do
a yoga
class

brush up on
interview
skills and
land a job

study for
exams in
the library

shop at the
bookstore

get
cultured
at the
art gallery

catch up
with friends

picnic
on the
grass
and
people
watch

KPU Surrey, Courtyard

Emi Yumura

Career Choices and Life Success Alumna



A single mom with no family in Canada, Emi needed a support network and a new career. She found both in the Career Choices and Life Success program.

See Emi's story at kpu.ca/emiyumura

Find your path with the Faculty of Academic and Career Advancement. Upgrade specific courses or complete job training as you begin to pursue your educational and career goals. Our supportive approach and dedicated instructors are here to help you achieve success.

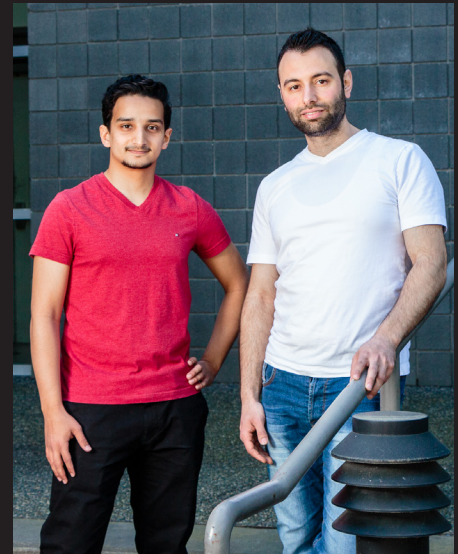


Students in KPU's Access Programs for People with Disabilities (APPD) can go through up to five work placements per year. Learners prepare for employment, volunteer work, or further education as they develop interpersonal skills and increase their independence. APPD students also build a portfolio of experience and complete a job search project.

For information about admission requirements visit page 32

> kpu.ca/aca

 **@KPUPrep**



ACADEMIC AND CAREER ADVANCEMENT PREPARATORY PROGRAMS

Academic and Career Preparation

Qualifying Studies Courses

 **L R S F P**

Access Programs for People with Disabilities

Certificate of Completion

Limited Intake Requirements: Graduation from a BC secondary school or the equivalent; permanent disability or combination of learning difficulties that hinder scholastic success; ability to navigate community and campus safely and independently; evidence of previous successful independent work experience; satisfactory assessment of English proficiency; interview with faculty

 **L R S F P**

Adult Upgrading

BC Adult Graduation Diploma

 **L R S F P**

Career Choices and Life Success

Citation

Limited Intake Requirements: Attend information session; interview with program instructor

 **L F P**

English Language Studies

Diploma

Limited Intake Requirements: One of the following; KPU ELST placement into ELST 0041 (or higher) or ELST 0031 (B-) and KPU ELST placement into ELST 0043 (or higher) or ELST 0033 (B-); TOEFL iBT 32 with writing 12, speaking 12, listening 6 and reading 6; or IELTS 4.5 with no sub-score less than 4




 **R S F P**

LEGEND






Intakes

-  Fall (September)
-  Spring (January)
-  Summer (May)
-  Intake Start Varies


Format

-  Full-time
-  Part-time
-  Practicum, or work experience, or co-op

Courses Available

-  KPU Langley
-  KPU Richmond
-  KPU Surrey
-  KPU Tech
-  Online

Limited Intakes

-  These programs have additional requirements for admission.

Paige Glazier

Arts Student

Paige turned a horrific act of bullying into an opportunity to speak out. Now she's blending her education with her desire to raise awareness and ultimate goal of eliminating bullying.

See Paige's story at kpu.ca/paigeglazier

Explore contemporary human issues as you learn more about the humanities, social sciences, and fine arts. Your arts education will provide you with job-ready skills and prepare you to be a creative and critical thinker as you discover a diverse range of educational opportunities. Find yourself in arts.



Many arts programs give you great opportunities for experiential learning like co-op education, practicums, work experience, and cool community partnerships. Look for the hand symbol to see programs that offer this including criminology, journalism, psychology, and sociology.

For information about admission requirements visit page 32

> kpu.ca/arts

KPU Faculty of Arts

 **@KPUArts**

 @KPUArts

**Audio Engineers, Border
Patrol Officers, Counsellors,
Curators, Editors, Education
Assistants, Event Promoters,
Forensic Artists, Lawyers, Media
Specialists, Policy Analysts,
Probation Officers, Researchers,
Teachers, Writers**



ARTS UNDERGRADUATE PROGRAMS

Anthropology

Bachelor of Arts, Major, Minor/Associate of Arts Degree

LRSFP

Arts

Bachelor of Arts, Double Minor/
Diploma/Certificate

LRSFP

Asian Studies

Bachelor of Arts, Major, Minor/Associate of Arts Degree

LRSFP

Counselling

Bachelor of Arts, Minor

LRSFP

Creative Writing

Bachelor of Arts, Major, Minor/
Associate of Arts Degree

LRSFP

Criminology

Bachelor of Arts, Major (Honours),
Minor/Associate of Arts Degree/
Diploma/Certificate

LRSFP

Education Assistant

Certificate

Limited Intake Requirements: KPU's undergraduate English Proficiency Requirement; 100 hours of experience working with children or youth (must submit 2 letters from employers or responsible persons in the community certifying this experience); information session; criminal record check

LRSFP

Educational Studies

Elective Courses, Education Stream

English

Bachelor of Arts, Major, Minor/
Associate of Arts Degree

LRSFP

Fine Arts

Bachelor of Fine Arts, Visual Arts/
Diploma/Certificate

LRSFP

General Studies

Bachelor of Arts/Associate of Arts
Degree/Diploma

LRSFP

Geography

Bachelor of Arts, Applied Geography,
Major/Bachelor of Arts, Minor/Associate
of Arts Degree

LRSFP

History

Bachelor of Arts, Major, Minor/Associate
of Arts Degree

LRSFP

Interdisciplinary Expressive Arts

Elective Courses

Journalism

Bachelor of Journalism (Honours)/
Bachelor of Arts, Minor

LRSFP

Language and Culture

Bachelor of Arts, Minor

LRSFP

Music

Bachelor of Music, Musical Arts Degree/
Associate of Arts Degree/Diploma

LFP

Non-Governmental Organizations and Nonprofit Studies

Certificate

LRSFP

Philosophy

Bachelor of Arts, Major (Honours), Minor/
Associate of Arts Degree

LRSFP

Policy Studies

Bachelor of Arts, Major, Minor

LRSFP

Political Science

Bachelor of Arts, Major, Minor/Associate
of Arts Degree

LRSFP

Psychology

Bachelor of Applied Arts, Psychology
(Honours)/Bachelor of Arts, Major
(Honours), Minor/Bachelor of Science,
Applied Psychology (Honours)/Associate
of Arts Degree

LRSFP

Sociology

Bachelor of Arts, Major, Minor/Associate
of Arts Degree




LRSFP

LEGEND






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Format

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-  Part-time
-  Practicum, or
work experience,
or co-op

Courses Available

-  KPU Langley
-  KPU Richmond
-  KPU Surrey
-  KPU Tech
-  Online

Limited Intakes

-  These programs
have additional
requirements
for admission.

Argel Monte de Ramos

Human Resources Management Student



Moving from the Philippines to Canada as a teenager was a big adjustment for Argel, but it didn't slow him down. A business student and passionate performer, he's combined his talents as an outgoing student ambassador at KPU.

See Argel's story at kpu.ca/argelmontederamos

a leader • I want to work as part of a team • I want to earn a professional designation • I want to be an accountant • I want to develop software • I want to be an entrepreneur • I want to learn from industry leaders • I want to understand consumer needs • I want to be a web developer • I want a career without borders • I want to learn business principles • I want to work with real clients • I want to study the economy • I want to master technology • I want to plan events • I want to manage people • I want to create international partnerships • I want to start my own business • I want to learn about media • I want to become a leader • I want to work as part of a team • I want to earn a professional designation • I want to be an accountant • I want to develop software • I want to be an entrepreneur • I want to learn from industry leaders • I want to understand consumer needs • I want to be a web developer • I want a career without borders • I want to learn business principles • I want to work with real clients • I want to study the economy • I want to master technology • I want to plan events • I want to manage people • I want to create international partnerships • I want to start my own business • I want to



SCHOOL OF BUSINESS

Shape the way organizations operate and are led with a well-rounded education from the School of Business. Gain practical experience and develop desired skills through experiential learning opportunities. Collaborate with industry leaders and prepare for a dynamic career in business.



You'll make valuable connections and build your professional network as a KPU business student. Many programs including human resources management, accounting, computer information systems, entrepreneurial leadership, information technology, legal administrative studies, marketing, and public relations feature work-experience opportunities, practicums, co-op and more.

For information about admission requirements visit page 32



kpu.ca/business



Kwantlen School of Business



@KPU_Business

CAREER PROSPECTS

Accountants, Business Operations Managers, Communications Specialists, Entrepreneurs, Financial Managers, Human Resources Professionals, Marketing Managers, Network and Systems Administrators, Public Relations Specialists, Sales and Service Representatives, Web and Mobile Application Developers



BUSINESS UNDERGRADUATE PROGRAMS

Accounting

Bachelor of Business Administration/
Diploma/Certificate

   **L R S F P** 

Business Administration

Diploma

   **L R S F P**

Business General Studies

Certificate

   **L R S F P**

Business Management

Diploma

   **L R S F P**

Computer Information Systems

Diploma/Certificate

   **S F P** 

Economics

Bachelor of Arts, Minor/Associate of
Arts Degree

   **L R S F P**

Entrepreneurial Leadership

Bachelor of Business Administration

   **R S F P** 

Human Resources Management

Bachelor of Business Administration

   **S F P** 

Information Technology

Bachelor of Technology

   **S F P** 

Legal Administrative Studies

Certificate

*Limited Intake Requirements: KPU's
undergraduate English Proficiency
Requirement; keyboarding skills recommended*

   **S F P** 

Marketing Management

Bachelor of Business
Administration/Diploma

   **L R S F P** 

Public Relations

Diploma

*Limited Intake Requirements: English 12 (B) or
equivalent, or transferable undergraduate level
English course (C)*

   **R F P** 

BUSINESS POST-BACCALAUREATE PROGRAMS

Human Resources Management

Post-Baccalaureate Diploma

   **S F P** 

Operations and Supply Chain Management

Post-Baccalaureate Diploma

*Limited Intake Requirements: KPU's
undergraduate English Proficiency
Requirement; successful completion of
a recognized undergraduate degree or
successful completion of a recognized
technical or science diploma, along with
a minimum of 5 years of related technical,
scientific, operations, or supply chain
work experience*

   **F P**  *

Technical Management and Services

Post-Baccalaureate Diploma

*Limited Intake Requirements: KPU's
undergraduate English Proficiency
Requirement; successful completion of
a recognized undergraduate or graduate
degree in science or technology or
successful completion of a recognized
technical or science diploma, along with
a minimum of 5 years of related technical,
scientific, or operations work experience*




   **F P**  *

LEGEND

Intakes

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-  Spring (January)
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Format

-  Full-time
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work experience,
or co-op

Courses Available

-  KPU Langley
-  KPU Richmond
-  KPU Surrey
-  KPU Tech
-  Online

Limited Intakes

-  These programs
have additional
requirements
for admission.

* Course availability to be determined. Up-to-date
information is available in the online calendar at kpu.ca/calendar.

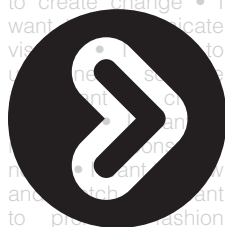
Taylor Byrom

Fashion and Technology Alumna

An up-and-coming designer dedicated to helping kids with complex medical needs, Taylor turned her design education into a highly sought-after collection and an opportunity to make a difference.

See Taylor's full story at kpu.ca/taylorbyrom

trendsetter • I want technical skills • I want to work with designers • I want to be a problem solver • I want to transform ideas into products • I want to create a portfolio • I want to design apparel • I want to transform spaces • I want to experiment with colour • I want to study design theory • I want to create change • I want to communicate visually • I want to use new software • I want to create patterns • I want to identify consumer needs • I want to draw and sketch • I want to promote fashion trends • I want to build visual displays • I want to be a trendsetter • I want technical skills • I want to work with designers • I want to be a problem solver • I want to transform



WILSON SCHOOL OF DESIGN

Design your future with an education from the Wilson School of Design. Regardless of the program you choose, you'll learn that the real genius of an idea is the work that goes into bringing it to life. You'll fail. And that's okay. We all fail. It takes a lot of failing to make design look confident. So go ahead, fail brilliantly.



Our programs provide you with incredible opportunities to work with prominent design companies on various real-world projects. Whether through mentorships or workplace practicums, you'll connect directly with globally renowned design leaders including Lululemon, Kit and Ace, MEC and many others.

For information about admission requirements visit page 32

> kpu.ca/design

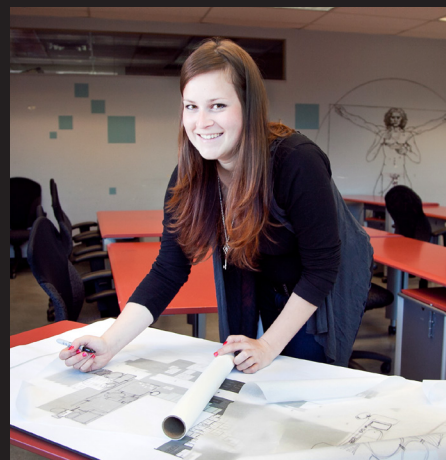
f [Chip and Shannon Wilson School of Design](#)

t [@KwantlenDesign](#)

ig [@kpudesign](#)

CAREER PROSPECTS

Commercial and Residential Interior Designers, Environmental Designers, Fashion Buyers, Fashion Designers, Fashion Marketers, Global Sourcing Specialists, Graphic Designers, Industrial Designers, Lighting Designers, Product Designers, Publication Designers, Special Event Coordinators, Technical Apparel Designers, Visual Merchandisers



DESIGN UNDERGRADUATE PROGRAMS

Fashion and Technology

Bachelor of Design, Fashion and Technology

Limited Intake Requirements: English 12 (B) or equivalent; portfolio review; orientation session*

Fashion Marketing

Diploma

Limited Intake Requirements: KPU's undergraduate English Proficiency Requirement; letter of interest; résumé; reference letters; transcripts from high school and any post-secondary institutions attended

Foundations in Design

Certificate

Limited Intake Requirements: KPU's undergraduate English Proficiency Requirement; portfolio review; reflective written statement

Graphic Design for Marketing

Bachelor of Design

Limited Intake Requirements: English 12 (B) or equivalent; portfolio review; interview session*

Interior Design

Bachelor of Interior Design

Limited Intake Requirements: English 12 (B) or equivalent; portfolio review; interview session*

Product Design

Bachelor of Design

Limited Intake Requirements: English 12 (B) or equivalent; portfolio review; interview session*




    

LEGEND






Intakes

-  Fall (September)
-  Spring (January)
-  Summer (May)
-  Intake Start Varies


Format

-  Full-time
-  Part-time
-  Practicum, or work experience, or co-op

Courses Available

-  KPU Langley
-  KPU Richmond
-  KPU Surrey
-  KPU Tech
-  Online

Limited Intakes

-  These programs have additional requirements for admission.

DESIGN POST-BACCALAUREATE PROGRAMS

Technical Apparel Design

Post-Baccalaureate Diploma

Limited Intake Requirements: KPU's undergraduate English Proficiency Requirement; design-related baccalaureate degree (or equivalent) from a recognized post-secondary institution with a minimum cumulative GPA of 2.67 in the final 60 credits of study; letter of interest package; interview session

* Requirements are subject to change. Up-to-date information is available in the online calendar at kpu.ca/calendar.

A photograph of Nikka Bagasbas, a nursing alumna, in a hospital setting. She is a woman with dark hair tied in a bun, wearing dark grey scrubs and a stethoscope. She is smiling and standing next to a patient lying in a hospital bed. The patient is wearing a blue hospital gown and has an IV line in their arm. The background shows typical hospital equipment like monitors and IV stands.

Nikka Bagasbas

Nursing Alumna

Nikka wasn't always sure nursing was the career for her. But with support and encouragement from faculty she found her calling as a nurse, helping others achieve their wellness goals.

See Nikka's story at [**kpu.ca/nikkabagasbas**](https://kpu.ca/nikkabagasbas)

career • I want to be part of a healthcare team • I want to save lives • I want to reduce the stigma around mental health • I want to be a nurse • I want to make a difference in the community • I want to study human biology • I want to enter the medical field • I want to work in a variety of settings • I want to tackle healthcare issues • I want to promote health and healing • I want to help people • I want hands-on training • I want to learn about alternative medicine • I want to work with seniors • I want a challenging career • I want to empower people • I want an in-demand career • I want to be part of a healthcare team • I want to save lives • I want to reduce the stigma around mental health • I want to be a nurse • I want to make a difference in the community • I want to study human biology • I want to enter the medical field • I want to work in a variety of settings • I want to tackle healthcare issues • I want to promote health and healing • I want to help people • I want hands-on training • I want to learn about alternative medicine • I want to work with seniors • I want a challenging career • I want to empower people • I want an in-demand career • I want to be part of a healthcare team • I want to save lives •



FACULTY OF HEALTH

Prepare to be a vital part of the healthcare team with our Faculty of Health programs. Train to work in a variety of settings and help others achieve their wellness goals. Our modern facilities and nursing labs feature advanced simulation technology to teach applied skills and communication while you get a mix of hands-on and theoretical education.



Get hands-on in our Faculty of Health labs using advanced simulation technology and then take your skills to the real world. Our nursing, psych nursing, health care assistant, health unit coordinator, and traditional Chinese medicine-acupuncture programs feature work experiences in a variety of settings to prepare you to work as vital members of the healthcare industry.

For information about admission requirements visit page 32

> kpu.ca/health

CAREER PROSPECTS

Acupuncturists, Health Care Assistants, Health Unit Coordinators, Registered Nurses, Registered Psychiatric Nurses



HEALTH UNDERGRADUATE PROGRAMS

Graduate Nurse, Internationally Educated Re-entry

Certificate

Limited Intake Requirements: KPU's undergraduate English Proficiency Requirement; letter of assessment from CRNBC stating eligibility for registration upon completion of a graduate nurse re-entry program and SEC assessment summary; other requirements upon conditional offer of admission



Graduate Nurse Qualifying

Certificate of Completion

Limited Intake Requirements: KPU's undergraduate English Proficiency Requirement; letter from CRNBC stating the need for a qualifying course in one or more the following areas: maternal-child, pediatric, mental health nursing; other requirements prior to clinical placement



Health Foundations

Certificate

Limited Intake Requirements: KPU's undergraduate English proficiency Requirement; admission determined by the date of qualification



Health Unit Coordinator

Certificate

Limited Intake Requirements: KPU's undergraduate English Proficiency Requirement; information session; typing speed of 40 wpm; criminal record check



Nursing

Bachelor of Science, Nursing

Four-Year Degree Option

Limited Intake Requirements: KPU's undergraduate English Proficiency Requirement; successful completion of Health Foundations Certificate



Previous Degree Option

Limited Intake Requirements: Completion of a baccalaureate degree within last 6 years, including 60 transferrable credits (30 credits of which must be at the third and fourth year level); first year anatomy and physiology courses (equivalent to BIOL 1160 and BIOL 1260); 3 credits in humanities, social sciences, or arts; 6 credits of English (including equivalent to ENGL 1100); other requirements upon conditional offer of admission



Psychiatric Nursing

Bachelor of Psychiatric Nursing

Four-Year Degree Option

Limited Intake Requirements: KPU's undergraduate English Proficiency Requirement; successful completion of Health Foundations Certificate

Degree Completion Option

Limited Intake Requirements: English 12 (B) or equivalent; post-secondary level English course (3 credits); completion of CAHS 3500; proof of practicing membership in the CRPNBC; submission of an official transcript indicating completion of a diploma in psychiatric nursing program; HCP-CPR level C course; interview and/or letter of reference



Traditional Chinese Medicine

Acupuncture Diploma

Limited Intake Requirements: English 12 (B) or equivalent; 60 undergraduate credits with a minimum cumulative GPA of 2.0; interview by the program coordinator and/or letters of reference if requested; other requirements upon conditional offer of admission



HEALTH VOCATIONAL PROGRAMS

Health Care Assistant

Certificate

Limited Intake Requirements: English 12 with a minimum grade of C or equivalent; or TOEFL IBT 76 or higher, with no sub score less than 20 in speaking and listening and no sub score less than 18 in reading and writing, taken within the last two years; or IELTS overall band of 6.0 or higher, with a minimum of 6 in the speaking and listening band, and a minimum of 5.5 in reading and writing taken within the last two years; or CAEL score of 60 or higher with no sub score less than 50, taken within the last two years; other requirements upon conditional offer of admission



LEGEND

Intakes

- Fall (September)
- Spring (January)
- Summer (May)
- Intake Start Varies

Format

- Full-time
- Part-time
- Practicum, or work experience, or co-op

Courses Available

- KPU Langley
- KPU Richmond
- KPU Surrey
- KPU Tech
- Online

Limited Intakes

- These programs have additional requirements for admission.



Johanna Walker

Sustainable Agriculture Student

With a desire to work outdoors and a passion for sustainability, Johanna's found a career rooted in the environment and a wealth of opportunities to grow as a businessperson.

See Johanna's full story at [**kpu.ca/johannawalker**](https://kpu.ca/johannawalker)

agriculture • I want to become a brewmaster • I want to learn to landscape • I want to design for the environment • I want to do experiments • I want to learn about quantum physics • I want to create green solutions • I want to learn farming methods • I want to learn pest management • I want to work in a lab • I want to study astronomy • I want to learn about statistics • I want to study the environment • I want to learn about genetics • I want to study living organisms • I want to positively impact our ecosystem • I want to be a computer programmer • I want to create sustainable solutions • I want to study agriculture • I want to become a brewmaster • I want to learn to landscape • I want to design for the environment • I want to do experiments • I want to learn about quantum physics • I want to create green solutions • I want to learn farming methods • I want to learn pest management • I want to work in a lab • I want to study astronomy • I want to learn about statistics • I want to study the environment • I want to learn about genetics • I want to study living organisms • I want to positively impact our ecosystem • I want to be a computer programmer • I want to create sustainable solutions • I want to study agriculture •



FACULTY OF SCIENCE & HORTICULTURE

Explore the world around you and everything in it with the Faculty of Science and Horticulture. Our one-of-a-kind programs include unique research opportunities and applied learning experiences while you study the latest discoveries and theories and access current technologies and resources.



Take your education outdoors. Work with industry leaders, conduct exciting research, and access industry-standard equipment and technologies in many of our programs including brewing and brewery operations, engineering first year, environmental protection technology, horticulture technology, physics, sustainable agriculture, urban ecosystems, arborist apprenticeships and more.

For information about admission requirements visit page 32

> kpu.ca/science-hort



KPUFSH



@KPUScienceHort



@kpusciencehort

CAREER PROSPECTS

Biologists, Brewmasters, Chemists, Crop Consultants, Electronics Developers, Farmers, Golf Course Superintendents, Greenhouse Growers, Health Care Professionals, Landscape Designers, Resource Managers, Statisticians



SCIENCE AND HORTICULTURE UNDERGRADUATE PROGRAMS

Biology

Bachelor of Science, Major, Minor

   **R S F P**

Brewing and Brewery Operations

Diploma

Limited Intake Requirements: KPU's undergraduate English Proficiency Requirement; must be over 19 by the first day of classes; Chem 11 (C+) or equivalent; Pre-Calc 11 or Found 11 (C+) or equivalent; portfolio review

  **L F**

Chemistry

Elective Courses

Engineering: First Year

Certificate

Limited Intake Requirements: English 12 (B) or equivalent; Phys 12 (C) or equivalent; Chem 12 (C+) or equivalent; Principles of Math 12 or Pre-Calc 12 (B) or equivalent

  **R S F**

Environmental Protection Technology

Diploma

Limited Intake Requirements: KPU's undergraduate English Proficiency Requirement; Principles of Math 11 or Pre-Calc 11 or Applications of Math 12 or Found 12 (C) or equivalent; Chem 11 (C+)

  **L F P W**

General Science

Associate of Science Degree/Diploma

   **L R S F P**

Health Science

Bachelor of Science, Major

   **R S F P**

Horticulture Technology

Diploma (General, Landscape Horticulture Systems, Sustainable Production Horticulture, Turf Management)/Citation (various specializations)

   **L F P W**

Mathematics

Bachelor of Arts, Minor/Associate of Science Degree

   **R S F P**

Applications of Mathematics

Bachelor of Science, Major (Honours), Minor

   **R S F P**

Physics for Modern Technology

Bachelor of Science, Major

   **R S F P W**

Plant Health

Bachelor of Horticulture Science, Major, Minor

   **L F P W**

Sustainable Agriculture

Bachelor of Applied Science, Major

   **R F P**

Urban Ecosystems

Bachelor of Horticulture Science, Major




   **L F P W**

LEGEND






Intakes

-  Fall (September)
-  Spring (January)
-  Summer (May)
-  Intake Start Varies


Format

-  Full-time
-  Part-time
-  Practicum, or work experience, or co-op

Courses Available

-  KPU Langley
-  KPU Richmond
-  KPU Surrey
-  KPU Tech
-  Online

Limited Intakes

-  These programs have additional requirements for admission.

SCIENCE AND HORTICULTURE APPRENTICESHIPS

Arborist Technician

 **L F**

8 weeks

Climbing Arborist

 **L F**

8 weeks

Landscape Horticulture

 **L F**

6 weeks

Production Horticulture

 **L F**


6-8 weeks

* This is a Red Seal Trade



Shania Oldaker

Automotive Servicing Foundation Student

A photograph of Shania Oldaker, a young woman with vibrant pink hair tied back, wearing safety glasses and a blue work shirt. She is focused on her work, holding a black oil bottle and pouring it into the engine of a car. The background shows a typical automotive workshop with various tools and equipment. The image is framed by a yellow and white striped border at the top.

Growing up working on cars with her family, Shania's always had a love of automotive mechanics. Her interest and desire to learn more has led her to an exciting career in the trades and a wealth of hands-on experience at KPU.

See Shania's story at kpu.ca/shaniaoldaker

career • I want to work while going to school • I want to be a certified journeyman • I want to be a plumber • I want to work with my hands • I want to build houses • I want to work with horses • I want to run my own business • I want to complete my apprenticeship • I want to fix appliances • I want to work outdoors • I want hands-on experience • I want to be an electrician • I want to earn my Red Seal • I want to work on cars • I want to learn to read blueprints • I want to be employable now • I want transferable skills • I want to work with raw materials • I want to be a problem solver • I want an in-demand career • I want to work while going to school • I want to be a certified

FACULTY OF TRADES & TECHNOLOGY

Let's talk trades and tech. Complete foundation and apprenticeship training, or technical career programs with the Faculty of Trades and Technology. Programs range from a few weeks to several months and will equip you with the skills you need for success with hands-on experience and industry-standard equipment.



Every KPU trades program has integrated hands-on technical training. Our dedicated trades and technology campus features modern facilities and industry-standard equipment where students can hone their skills.

For information about admission requirements visit page 32

> kpu.ca/trades

CAREER PROSPECTS

Appliance Service Technicians, Automotive Mechanics, Bricklayers/Masons, Carpenters, Drafting Technicians, Electricians, Farriers, Millwrights, Partspersons, Plumbers, Public Safety Communications Operators, Welders



TRADES AND TECHNOLOGY UNDERGRADUATE PROGRAMS

Computer Aided Design and Drafting

Diploma/Certificate/Citation

Limited Intake Requirements: KPU's undergraduate English Proficiency Requirement; Principles of Math 11 (C) or equivalent; or Pre-calc 11 (C) or equivalent; or CADD Math Placement Test; info session



Public Safety Communications

Certificate

Limited Intake Requirements: KPU's undergraduate English Proficiency Requirement; essay; résumé; three reference letters; criminal record check; keyboarding speed of 40 wmp or higher; interview; hearing exam recommended



TRADES AND TECHNOLOGY VOCATIONAL PROGRAMS

Admission Requirements: English 12 (C) or Communications 12 (C) or equivalent or KPU's Trades Reading test; Apprenticeship and Workplace Math 11 (C) or Found 11 (C) or Pre-calc 11 (C) or equivalent or KPU's Trades Mathematics test

Appliance Servicing Foundation *

Certificate

9 months

Automotive Service Technician Foundation

Certificate

30 weeks

Carpentry/Building Construction Foundation

Citation

24 weeks

Construction Electrician Foundation

Citation

24 weeks

Farrier Training

Certificate

Limited Intake Requirements: English 12 (C) or equivalent; two references verifying experience in handling horses

9 months

Masonry Foundation

Citation

21 weeks

Millwright/Industrial Mechanic Foundation

Citation

24 weeks

Parts, Warehousing, Logistics Foundation

Citation

20 weeks

Piping Foundation

Citation

25 weeks

Plumbing Foundation

Citation

21 weeks

Welding Foundation

Certificate

28 weeks

Welding - Level A

Citation

8 weeks

Welding - Level B

Citation

16 weeks

TRADES AND TECHNOLOGY APPRENTICESHIPS

Intake Requirements: KPU Apprentice Registration; active apprentice registration in the BC Apprenticeships system; valid identification number from the Industry Training Authority

Automotive Service Technician *

6-7 weeks

Carpentry/Building Construction *

6 weeks

Construction Electrician *

10 weeks

Metal Fabrication *

5 weeks

Millwright/Industrial Mechanic *

7 weeks

Parts and Warehousing **

3 weeks

Plumbing *

6-8 weeks

Welding *

8 weeks



* This is a Red Seal Trade
** Partsperson Level 3 is a Red Seal trade






LEGEND






Intakes

-  Fall (September)
-  Spring (January)
-  Summer (May)
-  Intake Start Varies


Format

-  Full-time
-  Part-time
-  Practicum, or work experience, or co-op

Courses Available

-  KPU Langley
-  KPU Richmond
-  KPU Surrey
-  KPU Tech
-  Online

Limited Intakes

-  These programs have additional requirements for admission.

TUITION AND FEES

• I want to learn pest management • I want to work in a lab • I want to study astronomy • I want to learn about statistics • I want to study the environment • I want to learn about genetics • I want to study living organisms • I want to positively impact our ecosystem • I want to be a computer programmer • I want to create sustainable solutions • I want to study agriculture • I want to become a brewmaster • I want to learn to landscape • I want to design for the environment • I want to do experiments • I want to learn about quantum physics • I want to create green solutions • I want to learn farming methods



Tuition fees for KPU programs are typically lower than the provincial average for universities.¹

Your exact tuition costs depend on several factors including the number of courses (credits) you are taking, your specific program of choice, and any scholarships, awards, and bursaries you receive.

Below are examples of tuition fees for semester based, and non-semester based programs. Please note that the tuition numbers listed below do not include Kwantlen Student Association and Multipass fees, or health and dental coverage.*

Semester-based programs

COST	3 CREDITS (1 COURSE)	9 CREDITS (3 COURSES)	15 CREDITS (5 COURSES)
Tuition Fees (\$136.30/credit**)	\$408.90	\$1,226.70	\$2,049
Student Fees (\$9.54/credit)	\$28.62	\$85.86	\$143.10
SUBTOTAL	\$437.52	\$1,312.56	\$2,192.10

Non-semester-based programs

COST	6 WEEK PROGRAM	20 WEEK PROGRAM
Tuition Fees (\$118.75/week**)	\$712.50	\$2,375
Student Fees (\$8.31/week)	\$49.86	\$166.20
SUBTOTAL	\$762.36	\$2,541.20

¹ www.aved.gov.bc.ca/tuition/welcome.htm

* Opt out available

** Applies to most KPU programs

SAFA

Student Awards & Financial Assistance (SAFA) supports student success by reducing financial barriers and recognizing achievement.

Scholarships and Financial Information

School can be expensive. We want to help. KPU provides almost \$2 million dollars in awards each year to current and future students.

Entrance Scholarships

Starting at KPU for the first time? You may be eligible for an entrance scholarship of up to \$20,000.

Loans and Grants

Student loans and grants are available if you need additional financial support for your education. Student financial awards and assistance representatives can help you decide what options will work best for you.

Bursaries and Awards

Different awards have different criteria including academic achievement, program of study, financial need, or other specific requirements. No matter what your educational goals are, there's an award that can help.

➤ kpu.ca/awards
awards@kpu.ca



BECOME A KPU STUDENT

1

Choose your program of study at KPU and determine if you qualify under one of KPU's applicant categories.

Some limited intake programs have additional admission requirements.

> kpu.ca/calendar

2

Satisfy KPU's undergraduate English Proficiency Requirement.

Demonstrate your English proficiency for admission to undergraduate study at KPU in any one of the following ways:

- **HIGH SCHOOL COURSES:** Minimum "C+" grade in English 12, IB English, AP English; or minimum "A" grade in Communications 12
- **UNDERGRADUATE COURSES:** Minimum "C-" grade in 3 credits of undergraduate English, or completion of 60 undergraduate credits
- **KPU COURSES:** Completion of acceptable KPU upgrading courses
- **TESTING OPTIONS:** IELTS, TOEFL, CAEL, PTE, LPI, or KPU English Placement Test





KPU PATHWAY

Applicants who are unable to satisfy undergraduate admission requirements may be eligible for admission to a faculty pathway program. Complete English upgrading while you take undergraduate courses that count towards your credential. The Pathway program lets you upgrade necessary courses in English while still completing studies in your desired faculty. After your upgrading is complete you can move directly into full-time undergraduate studies!

> kpu.ca/pathway

3

Check the application schedule.

SEMESTER	APPLICATIONS OPEN FOR ALL PROGRAMS	DEADLINE FOR LIMITED INTAKE PROGRAMS 	DEADLINE FOR ALL OTHER PROGRAMS
 Fall (September)	November 1	March 1	August 1
 Spring (January)	March 1	August 1	December 1
 Summer (May)	July 1	December 1	April 1

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.

> kpu.ca/admission/deadlines-fees

Apply online.

The \$40 application fee must be submitted in order for KPU to process your application. The Future Students' Office is happy to assist you throughout the application process. You have the option of choosing a first and second choice program in your online application.

> kpu.ca/apply

Submit your documents.

Once you have submitted an application to your program(s) of choice, you will need to submit your transcripts and any additional documents required for admission.

If you have not completed high school and will be 19 years of age or older on the first day of classes, you can apply as a mature student. As a mature student, you must still meet the entrance requirements specific to your program of choice.

> kpu.ca/admission/now-what

Accept your offer of admission.

Once you have received your acceptance letter from KPU, you will need to pay a confirmation deposit. Details will be outlined in your acceptance letter. The confirmation deposit will be applied toward your first semester's tuition balance. Should you choose not to register in courses, the confirmation deposit is forfeited and retained by the university.

CONGRATS!

You are now an official KPU student. Be sure to check out the website for details about registering for courses, buying textbooks, and more. We'll see you at orientation!

> kpu.ca/newstudent

QUICK FACTS

935,000 job openings in BC by 2024

75% of these positions will need post-secondary education and/or training¹

BC will need over **5,000 electricians** in the next decade²

Canada's need for **GRAPHIC DESIGNERS** is sharply increasing³

61% of new job openings to **2024** in BC will be in the **Lower Mainland**¹

14,000+ information and communications technology **jobs to be created** in BC by **2019**⁴

BC's unemployment rate is among the lowest in the country⁶

HEALTH CARE is one of the **largest employment industries** in the Lower Mainland¹

Between now and 2024: 70,000 occupations in **TECHNOLOGY & SCIENCE** will open in BC¹

PROFESSIONAL LEADERS [under the age of 45] are more likely to hold a degree in the **humanities or social sciences**⁵

By 2024: over **17,000** job openings in **COMPUTER SYSTEMS DESIGN** and related services¹

1-workbc.ca/WorkBC/media/WorkBC/Documents/Docs/BC-LM-Outlook-2014-2024_C.pdf

2-news.gov.bc.ca/releases/2016AVED0023-000478

3-servicecanada.gc.ca/eng/qc/job_futures/statistics/5241.shtml#outlook

4-digcompass.ca/labour-market-outlook-2015-2019/3-0british-columbia/

5-univcan.ca/media-room/publications/liberal-arts-quick-facts/

6-news.gov.bc.ca/factsheets/factsheet-economic-growth-in-british-columbia

7-aved.gov.bc.ca/datawarehouse/documents/credentials.pdf

the only **GRAPHIC DESIGN FOR MARKETING** program in Canada



2014/15 KPU AWARDED⁷

➤ **900+** bachelor's degrees

➤ **900+** diplomas

➤ **1,000+** certificates

PUBLIC SAFETY COMMUNICATIONS
program was the first of its kind in Canada



FARRIER TRAINING
program is one of only a
handful of its kind in Canada



one of two
**FASHION
DESIGN**
degrees in
the country



the only **BREWING
DIPLOMA** of its kind
in BC

future students
study@kpu.ca
604.599.3030

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12666 72 Avenue
Surrey, BC
V3W 2M8

kpu.ca/apply **#ichooseKPU**

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