

This checklist is provided for reference only. It is the student's responsibility to consult the official UVic Academic Calendar and speak with a UVic representative to ensure that all program and admission requirements have been met.

Kwantlen Polytechnic University

604.599.2000

For more information regarding UVic's engineering programs, visit: www.uvic.ca/engineering

kwantlen.ca/advising

KPU students who wish to study on a part-time basis, or who were not admitted to the Engineering Certificate full-time program and wish to apply to UVic's engineering program may apply as an "Applicant Transferring from University". Students following this route will have access to KPU courses on a first-come, first-served basis, and course registration is not guaranteed.

Applicants who have completed transferable studies while registered in University Transfer programs such as KPU's are eligible to be considered for admission to engineering. Applicants will be evaluated on a course-by-course and student-by-student basis. Applicants in this category should normally have taken at least 12 units² that transfer to the UVic courses listed below.

Transfer from KPU is not automatic. Students intending to transfer to UVic must still apply formally for admission and meet UVIC's admission requirements. Students who complete twelve or more transferrable post-secondary units (including the required courses listed below) will only be evaluated on their post-secondary grades. Applicants must have a minimum C+ average to be considered with no individual course grade less than C. Admission is competitive and varies year to year depending on who applies, but the minimum required GPAs have recently been as follows: Mechanical or Civil (B average); Biomedical (B- Average); Electrical, Computer or Software (C+ average)

KPU ADMISSION REQUIREMENTS

KPU's Undergraduate English Proficiency Requirement applies to any students wishing to take engineering-related undergraduate level courses. Visit www.kpu.ca/calendar/2015-16/ar/englishproficiency.html for further information.

Students wishing to take first year courses without having to undertake any upgrading must have:

- Chemistry 12 (with a C+ or better)
- Pre-calculus 12 (with a B or better)
- English 12 (with a B or better)
- Physics 12 (with a C- or better)

Possible course plan for UVic Engineering Transfer students who meet all course prerequisites (the order of some courses may be changed and the number of semesters can be increased):

Fall Semester	Spring Semester
MATH 1120 – Differential Calculus (Calculus I)	MATH 1220 – Integral Calculus (Calculus II)
PHYS 1120 – Physics for Physical and Applied Sciences I	MATH 1152 – Matrix Algebra for Engineers <u>or</u> MATH 2232 – Linear Algebra
CPSC 1103 – Introduction to Computer Programming I	PHYS 1220 – Physics for Physical and Applied Sciences II
CHEM 1110 – The Structure of Matter (or CHEM 1154)	ENGL 1100 – Introduction to University Writing
CMNS 1110 – Fundamentals of Business Communication (Recommended)	CPSC 1204 – Introduction to Computer Programming II (Recommended)

Program Notes:

¹ For transfer information please refer to the BC Transfer Guide website: www.bctransferguide.ca.

² Units is the course credit system used at UVic. Currently, 3 semester credits at Kwantlen = 1.5 units at UVic Engineering. For the official definition, see "Course Values and Hours" at <http://web.uvic.ca/calendar2015-01/GI/>.

³ Students must obtain a minimum C grade in MATH 1120 in order to take MATH 1220, MATH 1152, MATH 2232 & PHYS 1220.

Recommended UVic courses for students transferring into Engineering		KPU Course Equivalencies (according to the BC Transfer Guide ¹)	High School & KPU Prerequisites
Chemistry (1.5 units ²)	CHEM 101 (CHEM 150)	CHEM 1110 (or CHEM 1154)	Chemistry 12 (C+) & Pre-Calculus 12 (C)
English (1.5 units)	ENGL 135	ENGL 1100	English 12 (B); or write the English Placement Test
Mathematics (4.5 units)	MATH 100	MATH 1120³	Pre-Calculus 12 (B) or MATH 1112
	MATH 101	MATH 1220	MATH 1120 (C)
	MATH 211	MATH 1152 or MATH 2232	MATH 1120 (C)
Physics (3 units)	PHYS 110	PHYS 1120	Physics 12 (C) & Pre-Calculus 12 (C+)/ B recommended; MATH 1120 or 1130 is a co-requisite
	PHYS 111	PHYS 1220	PHYS 1120 (C); MATH 1220 is a co-requisite
Computer Science (1.5 units)	CSC 110	CPSC 1103	Pre-Calculus 12 (C+)
Total: 12 units			
Additional recommended courses:			
English (1.5 units)	ENGL 225	CMNS 1110	English 12 (C)
Computer Science (1.5 units)	CSC 115	CPSC 1204	CPSC 1103 (C)
Complementary Studies Elective (1.5 units)	For further information about this elective and a list of possible courses, please visit: http://www.uvic.ca/engineering/assets/docs/Comp_Studies_list.pdf		
Total: 4.5 units			

For more information about the Engineering profession, please refer to the Association's website: APEGBC - Professional Engineers and Geoscientists of BC www.apeg.bc.ca

For further information about UVic Engineering's requirements for applicants transferring from university, please visit: <http://web.uvic.ca/calendar2015-01/FACS/FoEn/EnPr/index.html>