

# Bachelor of Science, Majors, Minors and Transfer

## Bachelor of Science - Transfer

# Engineering

- **University Transfer Program**
- **Program Fees: Domestic Students, International Students**
- **Apply for Admission**

## General Description

VIU offers the first year of the Electrical and Computer B.Eng. program and the first year of the Mechanical B.Eng. program offered at the University of Victoria (UVic). VIU also offers the first year transfer of the B.Appl.Sci. program at the University of British Columbia (UBC), and part of the first year program offered at Simon Fraser University (SFU). Students who wish to transfer to Engineering programs offered at other universities need to check the program requirements of the receiving institution to determine the required courses. The programs for transfer to UVic and UBC are given below.

**Note:** *Engineering transfer requirements regularly undergo change. For further information, it is important to contact VIU's Physics/Engineering department, as well as a VIU Advisor at 1-888-920-2221 local 6410, and to refer to the university calendars.*

## Start Date and Application Deadline

Programs start in September and applications are accepted between November 15 and March 31. For further information regarding late applications and contact information check the Program Availability List.

## UVic Transfer

<b>YEAR 1</b>	<b>Credits</b>
CHEM 150 - (Engineering Chemistry)	4
CSCI 160 - (Computing Science I)	4
ENGL 115 - (University Writing and Research)	3
ENGL 204 - (Business and Technical Writing)	3
ENGM 141 - (Engineering Mechanics)	3
ENGE 199 - (Engineering Fundamentals)	3
ENGR 121 - (Engineering Design II)	3
MATH 100 - (Calculus for Engineering and Physical Sciences I) <i>and</i> MATH 101 - (Calculus for Engineering and Physical Sciences II) <i>or</i> MATH 121 - (Calculus I) <i>and</i> MATH 122 - (Calculus II) <i>and</i> MATH 110 - (Additional Calculus Topics)	6 or 7
MATH 141 - Matrix Algebra for Engineers)	3
PHYS 121 - (Physics for the Physical Sciences I) <i>and</i> PHYS 122 - (Physics for the Physical Sciences II)	8
<b>Total Credits</b>	<b>38 or 39</b>

## UBC Transfer

<b>YEAR 1</b>	<b>Credits</b>
CHEM 140* - (Chemistry Fundamentals I) <i>and</i> , CHEM 142A - (Chemistry Fundamentals II for Engineers) <i>or</i> CHEM 140* - (Chemistry Fundamentals I) <i>and</i> , CHEM 142* - (Chemistry Fundamentals II)t	8
CSCI 160 - (Computing Science I)	4
PHYS 170 - (Mechanics A)	3
ENGR 150 - (Engineering Graphics)	3
ENGL 115 - (University Writing and Research)	3
MATH 100 - (Calculus for Engineering and Physical Sciences I) <i>and</i> MATH 101 - (Calculus for Engineering and Physical Sciences II) <i>or</i> MATH 121 - (Calculus I) <i>and</i> MATH 122 - (Calculus II) <i>and</i> MATH 110 - (Additional Calculus Topics)	6 or 7
MATH 141 - (Matrix Algebra for Engineers)	3
PHYS 121 - (Physics for the Physical Sciences I) <i>and</i> PHYS 122A - (Physics for the Physical Sciences II) t <i>or</i> PHYS 121 - (Physics for the Physical Sciences I) <i>and</i> PHYS 122 - Physics for the Physical Sciences II)	7 or 8
**Complementary Studies	3
<b>Total Credits</b>	<b>39 or 42</b>

\* Effective September 2011: **CHEM 140** will replace **CHEM 122**, and **CHEM 142** will replace

**CHEM 121.** *Students who have already completed the old Chemistry courses can still use those courses to meet the **1st-year** chemistry requirements.*

*\*\* Students should contact the Advising Department, (250)740-6410, for assistance with selecting UBC Complementary Studies courses.*

**Note:** *Applied Science 121/122 are taken at UBC in first year, but are not offered at VIU.*

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