

Archived: September 9, 2021

## Science and Technology Programs

# Engineering Transfer Diploma

**Location Offered:**

Nanaimo

**Credential:**

Transfer Program

**Options:**

Transfer Program

**Program Length:**

2 Years

## The Program

The Engineering Transfer Diploma prepares students to transfer into the University of Victoria in their second year. This program contains the first-year core courses and select second-year courses required for this institution including physics, chemistry, engineering design, computer programming mathematics, and communication skills. Upon successful completion, graduates who complete the entire Engineering Transfer Diploma program curriculum are:

- Guaranteed admittance into 2nd year Engineering at UVic provided students achieve a minimum required overall GPA and minimum grade in each curriculum course.
- Placed in a common pool with all students for competitive entry into their 2nd year engineering program of their choice at UVic. Average GPS for entry into a specific engineering program at UVic changes each year depending on the number of students applying and the number of seats available.
- Students are also applicable for entry into other engineering schools in BC on an individual, non-guaranteed basis.
- Students interested in Engineering pathways to UBC, SFU, and TRU, are encouraged to consider Vancouver Island University's Engineering Transfer Certificate program.

## Program Outline

Year 1	Credits
<b>Fall Semester</b>	
CSCI 160 - (Computer Science I)	4
ENGL 115 - (University Writing and Research)	3
ENGR 112 - (Engineering Design I)	3
MATH 121 - (Calculus I)	3
PHYS 121 - (Physics for the Physical Sciences I)	4
<b>Spring Semester</b>	
ENGL 204 - (Business and Technical Writing)	3
MATH 122 - (Calculus II)	3
ENGR 121 - (Engineering Design II)	3
MATH 141 - (Matrix Algebra for Engineers)	3
PHYS 122 - (Physics for the Physical Sciences II)	4
<b>Total Credits</b>	<b>33</b>

*Note: ENGR 107 should be taken in the Spring semester by those students who wish to take part in the optional engineering Co-Op program.*

Year 2	Credits
<b>Fall Semester</b>	
CHEM 150 - (Engineering Chemistry)	4
MATH 221 - (Calculus III)	3
MATH 254 - (Statistics I)	3
Complementary Studies Electives <sup>1,2</sup>	6
<b>Spring Semester</b>	
ENGE 250 - (Linear Circuits I) <i>or</i> PHYS 216 - (Introduction to Electricity and Magnetism)	3
ENGM 141 - (Engineering Mechanics)	3
CSCI 161 - (Computer Science II) <sup>2</sup>	4
Science Electives <sup>3</sup>	6
<b>Total Credits</b>	<b>32</b>

<sup>1</sup>Students may replace one complementary studies elective with a science elective.

<sup>2</sup>Students intending to take CSCI 261 as a science elective in Year 2 should take CSCI 161 in Year 1 and MATH 141 in Year 2.

<sup>3</sup>Please see advisor for list of approved electives.

## Admission Requirements

- English 12 with a minimum grade of "C+"
- Pre-Calculus 12 with a minimum grade of "B"
- Physics 12 with a minimum grade of "C+"; Outstanding candidates missing Physics 12 or equivalent are encouraged to apply and will be reviewed on a case-by-case basis.
- Chemistry 12 with a minimum grade of "C+"; Outstanding candidates missing Chemistry 12 or equivalent are encouraged to apply and will be reviewed on a case-by-case basis.
- Recommended: Calculus 12 (if available); Programming 12 (if available)

### Notes on Admission

- Admission based on GPA rankings.
- Students who meet or exceed the minimum admission requirements may not necessarily be admitted to the program.

## Start Date and Application Deadline

The program starts in September and applications for admission are accepted anytime between the first business day in October and March 31. Applications received after March 31 are considered late and will be processed as space permits.

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