

Program Pathway Transfer Agreement

Between

**Simon Fraser University
School of Engineering Science**

and

**Vancouver Island University
Fundamentals of Engineering Certificate**

Vancouver Island University's (VIU) Fundamentals of Engineering Certificate (FEC) provides qualified graduates with either an assured or a competitive pathway into the School of Engineering Science at Simon Fraser University (SFU). Through this certificate, VIU provides students an opportunity to transfer seamlessly into second year of the Engineering Science program at SFU, with admissions to SFU starting as early as Fall 2016.

VIU commits to ensuring that instructors for the engineering courses ENGR 110, 112 and 121 offered at VIU as part of the FEC program will have Professional Engineering qualifications. VIU also commits to ensuring content from SFU ENSC 120 is incorporated into the FEC curriculum.

SFU School of Engineering Science has reviewed the FEC program and course offerings and has assured itself of the quality of the FEC program.

Under the terms of this agreement, graduates of the VIU FEC program, who are admitted into the SFU School of Engineering Science, may be awarded up to 31 transfer credits to be applied toward the first year of Simon Fraser University's **Bachelor of Applied Science - Engineering Science** degree program.

Admission Pathways

Two transfer pathways will be available to students from the VIU FEC program into the School of Engineering Science at SFU: Assured Admission and Competitive Admission.

Assured Admission Pathway

Assured admission from VIU's FEC to SFU School of Engineering Science is based on a CGPA of 2.75 (calculated based on the best attempt for each course within the certificate program). All credits must be obtained within 16 months. In addition, students must meet a minimum course load of 12 credits for at least two terms while enrolled in the FEC program at VIU.

Competitive Admission Pathway

VIU FEC students who do not meet the assured admission pathway criteria may be eligible to enter the SFU School of Engineering Science based on the existing college transfer criteria for admission (24 credits of transferable coursework and meeting the transfer CGPA set for the term of admission).

Applicants from both pathways must meet the general SFU English language and quantitative admission requirements.

VIU FEC Program Profile and SFU Transfer Grid

FEC Required Courses			SFU Equivalent Courses		
Course No.	Title	Credit	Course No.	Title	Credit
CHEM 150*	Engineering Chemistry	4	CHEM 121	General Chemistry and Laboratory I	3
CSCI 160	Computer Science I	4	CMPT 128	Introduction to Computing Science and Programming for Engineers	3
ENGL 204	Business and Technical Writing	10	ENSC 100W	BLOCK TRANSFER Engineering, Science and Society	10
ENGR 112**	Engineering Design I		ENSC 105W	Process, Form, and Convention in Professional Genres	
ENGR 121**	Engineering Design II		ENSC 120	Introduction to Electronics Laboratory Instruments Operation and Measurement Techniques	
ENGR 110**	Additional Engineering Topics		ENSC 180	Introduction to Engineering Analysis	
MATH 100*	Calculus for Engineering and Physical Science I	3	MATH 151	Calculus I	3
MATH 101*	Calculus for Engineering and Physical Science II	3	MATH 152	Calculus II	3
MATH 141/241*	Matrix Algebra for	3	MATH 232	Applied Linear Algebra	3

	Engineers				
PHYS 121*	Physics for the Physical Science I	4	PHYS 120	Mechanics and Modern Physics	3
PHYS 122*	Physics for the Physical Science II	4	PHYS 121	Optics, Electricity and Magnetism	3

*Formally articulated through BCCAT

**SFU accepts the block transfer of VIU ENGL 204, ENGR 110, 112, and 121 as equivalent to SFU ENSC 100W, 105W, ENSC 120, and ENSC 180.

Program Changes

Each institution will inform the other of any changes in either institution's program that may affect this Transfer Agreement. Updates to the program profiles will be appended to this agreement when applicable.

Other elements of this Transfer Agreement

- Applicants from the VIU FEC must follow all application procedures of SFU, including applying for admission and submitting post-secondary and high school academic transcripts.
- SFU School of Engineering Science agrees to post information on its website regarding VIU's FEC program, and SFU Faculty of Applied Sciences will promote the transfer program option when meeting with high schools.
- This agreement will be reviewed three years after it has been formally adopted, to consider pathway structure, program changes, and any enrollment pressures on the SFU ENSC program.
- SFU may participate in a VIU university transfer information session once a year to provide information about programs within the SFU School of Engineering Science.

SIGNATORIES

This Program Pathway Transfer Agreement is signed on behalf of:



David Witty,
Vice President Academic and Provost,
Vancouver Island University

Dec 9/15

Date



Don Noakes,
Dean, Faculty of Science and Technology
Vancouver Island University

Dec 9/2015

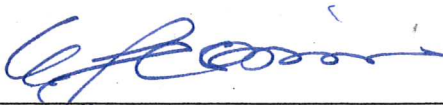
Date



Kamal Gupta
Director, School of Engineering Science
Simon Fraser University

Nov 20, 2015

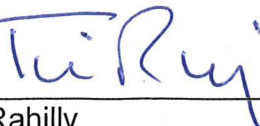
Date



Uwe Glässer
Dean, Faculty of Applied Sciences
Simon Fraser University

Nov 25/2015

Date



Tim Rahilly
Associate Vice-President, Students
Simon Fraser University

Nov 25, 2015

Date