

**SFU Admission Requirements:**

- [English language requirements](#) (grade of C- or better)
- [Quantitative and Analytical Skills Requirement](#) (grade of C- or better)
- [GPA](#) (calculated on all transferable credits)
- Application [deadline](#) date

**AND one of the following paths:****Entry path 1: Competitive transfer path: [Engineering Admission Requirements](#):**

- [Meet average admission GPA](#) and,
- minimum 24 transferable credits including:
  - One approved mathematics course chosen from: MATH 152, MATH 232 (or 240)
  - One approved computing course chosen from: CMPT 128 (or 135; or (125 and 127) and CMPT 225)
  - One approved physics course chosen from: PHYS 121 (or 141), PHYS 221, and PHYS 321

**Entry path 2: Engineering Transfer Program for direct entry to year two:**

- completion of Douglas [Engineering Foundations certificate](#) (*Must follow "transfer agreements" tab*)
- PLUS two "bridging courses": ENGR 1100 and ENGR 1180.
- must select: CMNS 1135**

**Common core courses for first and second year:**

SFU	Douglas College Equivalent	Refer to Douglas College <a href="#">Program and Course Catalogue</a> for course prerequisite information and /or <a href="#">Assessment Services</a>
<b>Year 1</b>		
CMPT 128 (3)	<a href="#">CMPT 1110</a> (3) or <a href="#">CSIS 1175</a> (3) <i>CMPT1105 not accepted for ENGR.</i>	
ENSC 100W (3)	<a href="#">ENGR 1100</a> (3)	
ENSC 105 <sup>1</sup> W (3)	<a href="#">CMNS 1135</a> (3)	
ENSC 180 (3)	<a href="#">ENGR 1180</a> (3)	
<a href="#">ENSC 120<sup>3</sup></a> (1) <i>Credit given <u>only</u> if taught by a P.Eng. qualified instructor. Contact Engineering Coordinator for more information.</i>	<a href="#">PHYS 1210<sup>3</sup></a> (5) student may request SFU PHYS 121 (3) & SFU ENSC 120 (1) & SFU PHYS 133 (1)	
<a href="#">CHEM 121</a> (3)	<a href="#">CHEM 1110</a> (4)	

NOTE: This worksheet is not an official transfer table, but rather is a guide to assist students. All effort has been made to ensure accuracy of the information, HOWEVER, it is the student's responsibility to consult the BC Transfer Guide [www.bctransferguide.ca](http://www.bctransferguide.ca) and [University Calendar](#) prior to registering for courses at Douglas College to ensure above information is current and accurate.

*Updated: Apr. 2019/mw*



MATH 151 (3)	<a href="#">MATH 1120</a> (3)	
MATH 152 (3)	<a href="#">MATH 1220</a> (3)	
MATH 232 (3) or MATH 240 (3)	N/A or <a href="#">MATH 2232</a> (3)	
PHYS 120 (3) & PHYS 121(3) &	<a href="#">PHYS 1110</a> (5) & <a href="#">PHYS 1210</a> <sup>4</sup> (5) (see ENSC 120)	
<a href="#">Complementary Studies Elective</a> <sup>2</sup> (3-9) ECON 103(3) B-SOC is a <i>breadth requirement and required for all Engineering streams</i>	Complementary Studies Elective <a href="#">ECON 1150</a> (3) required	
Year 2 <sup>3</sup>		
ENSC 204 (1)	<a href="#">ENGR 1110</a> (3)	
MATH 251 (3)	<a href="#">MATH 2321</a> (3)	
MATH 310 (3)	<a href="#">MATH 2421</a> (3)	
MATH 254 (3) or CMPT 225 <sup>3</sup> (3) <i>Computer &amp; Systems Engineering only</i>	N/A or <a href="#">CMPT 2300</a> (3) or <a href="#">CSIS 2375</a> (3) or <a href="#">CSIS 3475</a> (3)	

<sup>1</sup> CMNS 1135: only offered in summer semesters

<sup>2</sup> Complementary Studies Elective: The number of credits required depends on the engineering program and discipline.

<sup>3</sup> Students must take PHYS 1210 with a P.Eng. qualified instructor, to receive credits for ENSC 120. Students cannot formally be admitted to 2<sup>nd</sup> year until they have taken ENSC 120, a prerequisite for taking ENSC 220.

### Links and Resources:

Specialization (major) is selected in third year from list below:

[Biomedical Engineering](#), [Computer Engineering](#), [Electronics Engineering](#) or [Systems Engineering](#)

**Honours:** [Biomedical Engineering](#), [Computer Engineering](#), [Electronics Engineering](#), [Engineering Physics](#), or [Systems Engineering](#).

Contact an Engineering Science advisor:

visit the [Faculty of Applied Sciences Academic Advising](#) home page or email our Undergraduate Academic Advisors at: [asadvice@sfu.ca](mailto:asadvice@sfu.ca)