



SFU's Science Admission Requirements:

- Minimum 24 [transferable credits](#) (to maximum of 60 credits), including:
  - One transferrable math course
  - Two transferrable science courses (in different subject areas). Senior level Math/science high school courses may be used in place of transferable math/science courses.
- [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

Students should seek the advice of a departmental program advisor at SFU.

- The program can be completed through one of three streams: biogeophysical science; geoscience; and physical geography and spatial information science

[Physical Geography Major](#) Common Requirements:

SFU Required Courses	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>All of:</b> CHEM 121 (4)  EASC 101 (3)  GEOG 111 (3)  GEOG 100 (3)	<a href="#">CHEM 1110</a> (4)  <a href="#">EAES 1120</a> (3) (see below) <b>OR</b> <a href="#">GEOG 1120</a> (4)  <a href="#">GEOG 1110</a> (4) + <a href="#">GEOG 1120</a> (4) = SFU GEOG 111 (3) & EASC 101 (3) & GEOG 1XX (1) <b>OR</b> <a href="#">GEOG 1110</a> (4) + <a href="#">EAES 1120</a> (3) = SFU GEOG 111 (3) & EASC 101 (3) & GEOG 1XX (1)	
<b>one of:</b> MATH 150 (3) MATH 151 (3)	N/A <a href="#">MATH 1120</a> (3)	

\*\*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 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: Jan 2019 ar



MATH 154 (3) (not for Geoscience)	<a href="#">MATH 1123</a> (3)	
one of: MATH 152 (3) - Geoscience stream requires this course MATH 155 (3)	<a href="#">MATH 1220</a> (3)  <a href="#">MATH 1223</a> (3)	
one of: PHYS 101 (3)  PHYS 120 (3) – preferred for Geoscience  PHYS 125 (3) – preferred for Geoscience  PHYS 140 (4)	<a href="#">PHYS 1108</a> (3)  <a href="#">PHYS 1170</a> (3) or <a href="#">PHYS 1110</a> (5) = SFU PHYS 120 (3) & PHYS 132 (1) & PHYS 1XX (1)  N/A  <a href="#">PHYS 1110</a> (5) → Student may request credit for PHSY 140 (4) Q/B-Sci & SFU PHYS 1XX (1) instead	
one of: GEOG 251 (3)  STAT 201 (3)  STAT 205 (3)  STAT 270 (3)	<a href="#">GEOG 2251</a> (3)  <a href="#">MATH 1160</a> (3) = SFU STAT 205 Students may request credit for SFU STAT 201 (3)  <a href="#">MATH 1160</a> (3)  <a href="#">MATH 2260</a> (3)	

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**Additional Lower Division Requirements for Biogeophysical Science Stream:**

SFU Required Courses	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>both of:</b> BISC 101 (4) BISC 102 (4)	<a href="#">BIOL 1110</a> (5) <a href="#">BIOL 1210</a> (5) (must complete both for credit)	
<b>two of:</b> GEOG 213 (3) GEOG 214 (3) GEOG 215 (3)	<a href="#">GEOG 2220</a> (3) <a href="#">GEOG 2210</a> (3) <a href="#">GEOG 2230</a> (3)	
<b>one of:</b> GEOG 221 (3) GEOG 241 (3) GEOG 261 (3)	<a href="#">GEOG 2212</a> (3) <a href="#">GEOG 2213</a> (3) <a href="#">GEOG 1150</a> (3)	
<b>one of:</b> GEOG 253 (3) GEOG 255 (3)	N/A <a href="#">GEOG 2270</a> (3)	

**Additional Lower Division Requirements for Geoscience Stream:**

Students must choose elective courses in consultation with an academic advisor at SFU because APEGBC has specific groupings of elective courses in its Environmental Geoscience syllabus

SFU Required Courses	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>all of:</b> EASC 201 (3)	<a href="#">EAES 2340</a> (4)	
EASC 204 (3)	<a href="#">EAES 2550</a> (4)	
EASC 210 (3)	<a href="#">EAES 1121</a> (3)	
GEOG 213 (3)	<a href="#">GEOG 2220</a> (3)	
GEOG 214 (3)	<a href="#">GEOG 2210</a> (3)	



<b>GEOG 215 (3)</b>	<a href="#">GEOG 2230</a> (3)	
<b>one of:</b> <b>EASC 207 (3)</b> <b>EASC 313 (3)</b>	N/A N/A	
<b>one of:</b> <b>GEOG 221 (3)</b> <b>GEOG 241 (3)</b> <b>GEOG 261 (3)</b>	<a href="#">GEOG 2212</a> (3) <a href="#">GEOG 2213</a> (3) <a href="#">GEOG 1150</a> (3)	
<b>one of:</b> <b>GEOG 253 (3)</b> <b>GEOG 255 (3)</b>	N/A <a href="#">GEOG 2270</a> (3)	

**Additional Lower Division Requirements for Physical Geography and Spatial Information Science Stream:**

SFU Required Courses	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>all of:</b> <b>BISC 101 (4)</b> <b>BISC 102 (4)</b> <b>GEOG 253 (3)</b> <b>GEOG 255 (3)</b>	<a href="#">BIOL 1110</a> (5) <a href="#">BIOL 1210</a> (5) N/A <a href="#">GEOG 2270</a> (3)	
<b>two of:</b> <b>GEOG 213 (3)</b> <b>GEOG 214 (3)</b> <b>GEOG 215 (3)</b>	<a href="#">GEOG 2220</a> (3) <a href="#">GEOG 2210</a> (3) <a href="#">GEOG 2230</a> (3)	
<b>one of:</b> <b>GEOG 221 (3)</b> <b>GEOG 241 (3)</b> <b>GEOG 261 (3)</b>	<a href="#">GEOG 2212</a> (3) <a href="#">GEOG 2213</a> (3) <a href="#">GEOG 1150</a> (3)	