



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

[Environmental Science Major](#) offers four areas of concentration: Applied Biology, Environmental Earth Systems, Environmetrics, and Water Science. Contact an SFU academic advisor, Rebecca Ho, for advising hours and contact information, visit: www.sfu.ca/fenv/advising

Lower division SFU courses common to all concentrations: BISC 101-4 BISC 102-4 CHEM 121-4 CHEM 122-2 EVSC 100-3 EVSC 201W-4 GEOG 111-3 MATH 151-3 or 154-3 MATH 152-3 or 155-3 PHYS 101-3 or 120-3 PHYS 102-3 or 121-3

Lower Level Requirements for Applied Biology Concentration

Required SFU Courses	Douglas College Equivalent**	Refer to Douglas College Program and Course Catalogue for course prerequisite information and /or Assessment Services
BISC 101 (4) and BISC 102 (4)	BIOL 1110 (5) and BIOL 1210 (5) = SFU BISC 101 (4) & BISC 102 (4) <i>(must complete both)</i> OR all of: BIOL 1310 and BIOL 1109 or BIOL 1103 and BIOL 1209 or BIOL 1203	
BISC 202 (3)	BIOL 3205 (5) = SFU BISC 202 (3) + BISC 2XX (2)	
BISC 204 (3)	BIOL 3305 (5) + BIOL 3610 (5) = SFU BISC 204 (3) & BISC 306 (4) & BISC 2XX (2) (*must take both)	

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**Lower Level Requirements for Environmental Earth Systems Concentration**

Required SFU Courses	Douglas College Equivalent**	Refer to Douglas College Program and Course Catalogue for course prerequisite information and /or Assessment Services
BISC 101 (4) and BISC 102 (4)	BIOL 1110 (5) and BIOL 1210 (5) = SFU BISC 101 (4) & BISC 102 (4) <i>(must complete both)</i> OR all of: BIOL 1310 and BIOL 1109 or BIOL 1103 and BIOL 1209 or BIOL 1203	
CHEM 121 (4)	CHEM 1110 (4)	
CHEM 122 (2)	CHEM 1210 (5) = SFU CHEM 122 (2) & CHEM 126 (2) & CHEM 1XX (1)	
EASC 101 (3)	EAES 1120 (3) (see GEOG 111 below) OR GEOG 1120 (4)	
GEOG 111 (3)	GEOG 1110 (4) + GEOG 1120 (4) = SFU GEOG 111 (3) & EASC 101 (3) & GEOG 1XX (1) OR (must take both) GEOG 1110 (4) + EAES 1120 (3) = SFU GEOG 111 (3) & EASC 101 (3) & GEOG 1XX (1)	
EVSC 100 (3)	EAES 1207 (3)	
EVSC 201 (3)	N/A	
GEOG 100 (3) or REM 100 (3)	GEOG 1100 (3) Or EAES 1201 (3)	
Two of: GEOG 213 (3) GEOG 214 (3) GEOG 215 (3)	Two of: GEOG 2220 (3) GEOG 2210 (3) GEOG 2230 (3)	

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GEOG 253 (3) or GEOG 255 (3)	N/A or GEOG 2270 (3)	
MATH 151 (3) or MATH 154 (3)	MATH 1120 (3) or MATH 1123 (3)	
MATH 152 (3) or MATH 155 (3)	MATH 1220 (3) or MATH 1223 (3)	
PHYS 101 (3) and PHYS 102 (3)	PHYS 1108 (3) and PHYS 1208 (3) or both of : PHYS 1107 (5) & PHYS 1207 (5) = SFU PHYS 101 (3) + PHYS 102 (3) + PHYS 130 (2) + PHYS 1XX (2)	
OR PHYS 120 (3) and PHYS 121 (3)	OR PHYS 1110 (5) = SFU PHYS 120 (3) & PHYS 132 (0) & SFU PHYS 1XX (2) and PHYS 1210 (5) = SFU PHYS 121 (3), PHYS 132 (1) - & PHYS 133 (1)	
STAT 270 (3) or STAT 201 (3)	MATH 2260 (3) or Math 1160 (3) Students may request credit for SFU STAT 201	

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**Lower Level Requirements for Environmetrics Concentration**

Required SFU Courses	Douglas College Equivalent**	Refer to Douglas College Program and Course Catalogue for course prerequisite information and /or Assessment Services
BISC 101 (4) and BISC 102 (4)	BIOL 1110 (5) and BIOL 1210 (5) = SFU BISC 101 (4) & BISC 102 (4) <i>(must complete both)</i> OR all of: BIOL 1310 and BIOL 1109 or BIOL 1103 and BIOL 1209 or BIOL 1203	
CHEM 121 (4)	CHEM 1110 (4)	
CHEM 122 (2)	CHEM 1210 (5) = SFU CHEM 122 (2) & CHEM 126 (2) & CHEM 1XX (1)	
EVSC 100 (3)	EAES 1207 (3)	
EVSC 201 (3)	N/A	
GEOG 111 (3)	GEOG 1110 (4) + GEOG 1120 (4) = SFU GEOG 111 (3) & EASC 101 (3) & GEOG 1XX (1) OR (must take both) GEOG 1110 (4) + EAES 1120 (3) = SFU GEOG 111 (3) & EASC 101 (3) & GEOG 1XX (1)	
MATH 232 (3)	MATH 2232 (3) = SFU MATH 240 (3), may be approved (check with SFU)	
MATH 251 (3)	MATH 2321 (3)	
REM 100 (3)	EAES 1201 (3)	
STAT 270 (3)	MATH 2260 (3)	
STAT 285 (3)	N/A	

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MATH 151 (3) or MATH 154 (3)	MATH 1120 (3) or MATH 1123 (3)	
MATH 152 (3) or MATH 155 (3)	MATH 1220 (3) or MATH 1223 (3)	
<u>Choose one PHYS pair below:</u> PHYS 101 (3) and PHYS 102 (3)	PHYS 1108 (3) and PHYS 1208 (3) or both of : PHYS 1107 (5) & PHYS 1207 (5) = SFU PHYS 101 (3) + PHYS 102 (3) + PHYS 130 (2) + PHYS 1XX (2)	
OR PHYS 120 (3) and PHYS 121 (3)	OR PHYS 1110 (5) = SFU PHYS 120 (3) & PHYS 132 (0) & SFU PHYS 1XX (2) and PHYS 1210 (5) = SFU PHYS 121 (3), PHYS 132 (1) & PHYS 133 (1)	

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Lower Level Requirements for Water Science Concentration

Required SFU Courses	Douglas College Equivalent**	Refer to Douglas College Program and Course Catalogue for course prerequisite information and /or Assessment Services
BISC 101 (4) and BISC 102 (4)	BIOL 1110 (5) and BIOL 1210 (5) = SFU BISC 101 (4) & BISC 102 (4) <i>(must complete both)</i> OR all of: BIOL 1310 and BIOL 1109 or BIOL 1103 and BIOL 1209 or BIOL 1203	
CHEM 121 (4)	CHEM 1110 (4)	
CHEM 122 (2)	CHEM 1210 (5) = SFU CHEM 122 (2) & CHEM 126 (2) & CHEM 1XX (1)	
CHEM 126 (2)	Included in CHEM 1210 (5) above.	
EASC 101 (3)	EAES 1120 (3) (see below) OR GEOG 1120 (4)	
GEOG 111 (3)	GEOG 1110 (4) + GEOG 1120 (4) = SFU GEOG 111 (3) & EASC 101 (3) & GEOG 1XX (1) OR GEOG 1110 (4) + EAES 1120 (3) = SFU GEOG 111 (3) & EASC 101 (3) & GEOG 1XX (1)	
EVSC 100 (3)	EAES 1207 (3)	
EVSC 201 (3)	N/A	
GEOG 213 (3)	GEOG 2220 (3)	
GEOG 214 (3)	GEOG 2210 (3)	
BISC 204 (3) or GEOG 215 (3)	BIOL 3305 (5) = SFU BISC 204 (3) + BISC 2XX (2) or GEOG 2230 (3)	
GEOG 253 (3) or	N/A or	

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GEOG 255 (3)	GEOG 2270 (3)	
MATH 151 (3) or MATH 154 (3)	MATH 1120 (3) or MATH 1123 (3)	
MATH 152 (3) or MATH 155 (3)	MATH 1220 (3) or MATH 1223 (3)	
Choose one PHYS pair below: PHYS 101 (3) and PHYS 102 (3)	PHYS 1108 (3) and PHYS 1208 (3) or both of : PHYS 1107 (5) & PHYS 1207 (5) = SFU PHYS 101 (3) + PHYS 102 (3) + PHYS 130 (2) + PHYS 1XX (2)	
OR PHYS 120 (3) and PHYS 121 (3)	OR PHYS 1110 (5) = SFU PHYS 120 (3) & PHYS 132 (0) & SFU PHYS 1XX (2) and PHYS 1210 (5) = SFU PHYS 121 (3), PHYS 132 (1) & PHYS 133 (1)	
STAT 270 (3) or STAT 201 (3)	MATH 2260 (3) or Math 1160 (3) Students may request credit for SFU STAT 201	

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