

Environmental Science Major

(Faculty of Science) Simon Fraser University

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 <u>deadline</u> date

<u>Environmental Science Major</u> 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: <u>www.sfu.ca/fenv/advising</u>

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 BISC 101 (4) and BISC 102 (4)	BIOL 1110 (5) and BIOL 1210 (5) = SFU BISC 101 (4) & BISC 102 (4) (must complete both) OR all of: BIOL 1310 and BIOL 110 or BIOL 1103 and	Refer to Douglas College Program and Course Catalogue for course prerequisite information and /or Assessment Services
	and <u>BIOL 1209</u> or <u>BIOL 1203</u>	
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)	



Environmental Science Major

(Faculty of Science) Simon Fraser University

CHEM 121 (4)	<u>CHEM 1110</u> (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.	
CHEM 215 (4)	CHEM 2315 (5) = SFU CHEM 215 (4) + CHEM 1XX (1)	
EVSC 100 (3)	EAES 1207 (3)	
EVSC 201W (3)	N/A	
GEOG 111 (3)	<u>GEOG 1110 (4) + GEOG 1120 (4)</u>	
0100 111 (0)	= SFU GEOG 111 (3) & EASC 101 (3) & GEOG 1XX	
	(1)	
	OR (must take both for credit)	
	<u>GEOG 1110</u> (4) + <u>EAES 1120</u> (3) = SFU GEOG 111	
	(3) & EASC 101 (3) & GEOG 1XX (1)	
REM 100 (3)	<u>EAES 1201</u> (3)	
MATH 151 (3)	MATH 1120 (3)	
or	or	
MATH 154 (3)	<u>MATH 1123</u> (3)	
MATH 152 (3)	MATH 1220 (3)	
or	or	
MATH 155 (3)	<u>MATH 1223</u> (3)	
STAT 270 (3)	<u>MATH 2260</u> (3)	
or		
STAT 201 (3)	Math 1160 (3)	
	Students may request credit for SFU STAT 201	
PHYS 101 (3)	<u>PHYS 1108</u> (3)	
and	and	
PHYS 102 (3)	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	OR	
	PUVC 1110 (E) = CEU PUVC 120 (2) 8 PUVC 122 (2)	
PHYS 120 (3)	PHYS 1110 (5) = SFU PHYS 120 (3) & PHYS 132 (0) & SFU PHYS 1XX (2)	
and	and	
PHYS 121 (3)	PHYS 1210 (5) = SFU PHYS 121 (3), PHYS 132 (1) -	
	& PHYS 133 (1)	



Environmental Science Major

(Faculty of Science) Simon Fraser University

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)	<u>BIOL 1110</u> (5)	
and	and	
BISC 102 (4)	BIOL 1210 (5) = SFU BISC 101 (4) & BISC 102 (4)	
	(must complete both) OR	
	all of:	
	BIOL 1310	
	and	
	BIOL 1109 or BIOL 1103	
	and	
	BIOL 1209 or BIOL 1203	
CHEM 121 (4)	<u>CHEM 1110</u> (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	
	<u>GEOG 1120</u> (4)	
GEOG 111 (3)	<u>GEOG 1110</u> (4) + <u>GEOG 1120</u> (4)	
	= SFU GEOG 111 (3) & EASC 101 (3) & GEOG	
	1XX (1)	
	OR (must take both)	
	<u>GEOG 1110</u> (4) + <u>EAES 1120</u> (3) = SFU GEOG	
	111 (3) & EASC 101 (3) & GEOG 1XX (1)	
EVSC 100 (3)	<u>EAES 1207</u> (3)	
EVSC 201 (3)	N/A	
GEOG 100 (3)	<u>GEOG 1100</u> (3)	
or	Or	
REM 100 (3)	EAES 1201 (3)	
Two of:	Two of:	
GEOG 213 (3)	<u>GEOG 2220</u> (3)	
GEOG 214 (3)	<u>GEOG 2210</u> (3)	
GEOG 215 (3)	<u>GEOG 2230</u> (3)	



Environmental Science Major

(Faculty of Science) Simon Fraser University

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



Environmental Science Major

(Faculty of Science) Simon Fraser University

Lower Level Requirements for Environmetrics Concentration

Required SFU Courses	Douglas College Equivalent**	Refer to Douglas College <u>Program and Course Catalogue</u> for course prerequisite information and /or <u>Assessment</u> Services
BISC 101 (4)	BIOL 1110 (5)	
and	and	
BISC 102 (4)	BIOL 1210 (5) = SFU BISC 101 (4) & BISC 102 (4)	
	(must complete both)	
	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)	<u>EAES 1207</u> (3)	
EVSC 201 (3)	N/A	
GEOG 111 (3)	<u>GEOG 1110</u> (4) + <u>GEOG 1120</u> (4)	
	= SFU GEOG 111 (3) & EASC 101 (3) & GEOG	
	1XX (1)	
	OR (must take both)	
	<u>GEOG 1110</u> (4) + <u>EAES 1120</u> (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)	<u>MATH 2321</u> (3)	
REM 100 (3)	EAES 1201 (3)	
STAT 270 (3)	<u>MATH 2260</u> (3)	
STAT 285 (3)	N/A	



Environmental Science Major

(Faculty of Science) Simon Fraser University

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



Environmental Science Major

(Faculty of Science) Simon Fraser University

Lower Level Red	quirements for	Water Science	Concentration

BISC 101 (4) and BISC 102 (4) BIOL 1110 (5) and BIOL 1210 (5) = SFU BISC 101 (4) & BISC 102 (4) (must complete both) OR all of: BIOL 1310 and BIOL 1310 and BIOL 1209 or BIOL 1103 and BIOL 1209 or BIOL 1203 CHEM 121 (4) CHEM 110 (4) CHEM 110 (4) 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) EASC 101 (3) EAES 1120 (3) (see below) OR GEOG 1110 (4) + GEOG 1120 (4) = SFU 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) = 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)	r course and /or	Refer to Douglas College Program and Course Catalogue for course prerequisite information and /o Assessment Services	Douglas College Equivalent**	Required SFU Courses
and BIOL 1210 (5) = SFU BISC 101 (4) & BISC 102 (4) (must complete both) 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 122 (2) & CHEM 126 (2) & Included in CHEM 1210 (5) above. EASC 101 (3) EASE 1120 (3) (see below) OR GEOG 1110 (4) + GEOG 1120 (4) SFU GEOG 1110 (4) + GEOG 1120 (4) SFU GEOG 1110 (4) + GEOG 1120 (4) GEOG 111 (3) EASE 1120 (3) (see below) OR GEOG 1110 (4) + GEOG 1120 (4) SFU GEOG 1110 (4) + GEOG 1120 (4) SFU GEOG 1110 (4) + GEOG 1120 (4) EVSC 100 (3) EASE 1207 (3) EVSC 201 (3) N/A GEOG 213 (3) GEOG 2220 (3)			BIOL 1110 (5)	BISC 101 (4)
BISC 102 (4) BIOL 1210 (5) = SFU BISC 101 (4) & BISC 102 (4) (must complete both) 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 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)				
(must complete both) OR all of: BIOL 1310 and BIOL 1103 or BIOL 1103 and BIOL 1209 or BIOL 1203 CHEM 121 (4) CHEM 121 (5) = SFU CHEM 122 (2) & CHEM 126 (2) & CHEM 1210 (5) = SFU CHEM 122 (2) & CHEM 126 (2) & CHEM 1210 (5) above. EASC 101 (3) EAES 1120 (3) (see below) OR GEOG 111 (3) EAES 1120 (3) (see below) OR GEOG 111 (3) GEOG 1110 (4) + GEOG 1120 (4) = SFU GEOG 1110 (4) + GEOG 1120 (4) = SFU GEOG 1111 (3) & EASC 101 (3) & GEOG 1120 (4) = SFU GEOG 1110 (4) + EAES 1120 (3) = SFU GEOG 1111 (3) & EASC 101 (3) & GEOG 111 (3) & GEOG 1111 (3) &			BIOL 1210 (5) = SFU BISC 101 (4) & BISC 102 (4)	
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 126 (2) & CHEM 1XX (1) CHEM 126 (2) Included in CHEM 1210 (5) above. EASC 101 (3) EAES 1120 (3) (see below) OR GEOG 1110 (4) + GEOG 1120 (4) = SFU GEOG 1110 (4) + GEOG 1120 (4) = SFU GEOG 1110 (4) + GEOG 1120 (4) = SFU GEOG 1110 (4) + EAES 1120 (3) = SFU 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)			(must complete both)	
BiOL 1310 and BiOL 1109 or BIOL 1103 and BiOL 1209 or BIOL 1203 CHEM 1210 (4) CHEM 121 (4) CHEM 1110 (4) CHEM 122 (2) CHEM 1210 (5) = SFU CHEM 122 (2) & CHEM 122 (2) & CHEM 126 (2) & CHEM 1210 (5) above. EASC 101 (3) EAES 1120 (3) (see below) OR GEOG 1120 (4) GEOG 111 (4) + GEOG 1120 (4) = SFU GEOG 1110 (4) + GEOG 1120 (4) = SFU GEOG 1110 (4) + EAES 1120 (3) = SFU GEOG 11XX (1) OR GEOG 1110 (4) + EAES 1120 (3) = SFU GEOG 11X1 (3) & GEOG 11XX (1) OR GEOG 1110 (4) + EAES 1120 (3) = SFU GEOG 11X1 (3) & FASC 101 (3) & GEOG 1XX (1) EVSC 100 (3) EAES 1207 (3) EVSC 201 (3) N/A GEOG 213 (3) GEOG 2220 (3)			OR	
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 122 (2) & CHEM 126 (2) & CHEM 122 (2) & CHEM 122 (2) & CHEM 122 (2) & CHEM 126 (2) 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 1110 (4) + GEOG 1120 (4) = SFU GEOG 111 (3) & EASC 101 (3) & GEOG 11XX (1) OR GEOG 1110 (4) + EAES 1120 (3) = SFU GEOG 11XX (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)			all of:	
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) EAES 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 111 (3) & GEOG 113 (3)			BIOL 1310	
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 1110 (4) + GEOG 1120 (4) = SFU 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 111 (3) & FOG 2220 (3)			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 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 1110 (4) + GEOG 1120 (4) = SFU GEOG 111 (3) & EASC 101 (3) & GEOG 1XX (1) OR GEOG 1110 (4) + EAES 1120 (3) = SFU GEOG 11X (1) EVSC 100 (3) EAES 1207 (3) EVSC 201 (3) N/A GEOG 213 (3) GEOG 2220 (3)			<u>BIOL 1109</u> or <u>BIOL 1103</u>	
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 1120 (4) = SFU GEOG 111 (3) & EASC 101 (3) & GEOG 11X (1) OR GEOG 111 (4) + EAES 1120 (3) = SFU GEOG 111 (3) & EASC 101 (3) & GEOG 1XX (1) EVSC 100 (3) EAES 1207 (3) EVSC 201 (3) FVSC 201 (3) N/A GEOG 213 (3) GEOG 2220 (3)			and	
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 1120 (4) GEOG 111 (3) GEOG 1110 (4) + GEOG 1120 (4) = SFU GEOG 111 (3) & EASC 101 (3) & GEOG 1XX (1) OR OR GEOG 1110 (4) + EAES 1120 (3) = SFU GEOG 1111 (3) & EASC 101 (3) & GEOG 1111 (3) & EASC 101 (3) & GEOG 1111 (3) & EASC 101 (3) & 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)			BIOL 1209 or BIOL 1203	
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) & GEOG 1110 (4) + GEOG 1120 (4) = SFU GEOG 111 (3) & GEOG 111 (3) & GEOG 11X (1) OR GEOG 1110 (4) + EAES 1120 (3) = SFU GEOG 11X (1) OR GEOG 1110 (4) + EAES 1120 (3) = SFU GEOG 1111 (3) & GEOG 1XX (1) EVSC 100 (3) EAES 1207 (3) EVSC 201 (3) N/A GEOG 213 (3) GEOG 2220 (3)			<u>CHEM 1110</u> (4)	CHEM 121 (4)
CHEM 126 (2) Included in CHEM 1210 (5) above. EASC 101 (3) EAES 1120 (3) (see below) OR GEOG 1120 (4) GEOG 1110 (4) + GEOG 1120 (4) = SFU 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 1111 (3) & EASC 101 (3) & GEOG 1XX (1) EVSC 100 (3) EAES 1207 (3) EVSC 201 (3) N/A GEOG 213 (3) GEOG 2220 (3)			CHEM 1210 (5) = SFU CHEM 122 (2) & CHEM	CHEM 122 (2)
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 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)				
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)			Included in CHEM 1210 (5) above.	CHEM 126 (2)
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 1111 (3) & EASC 101 (3) & GEOG 1XX (1) EVSC 100 (3) EAES 1207 (3) EVSC 201 (3) N/A GEOG 213 (3) GEOG 2220 (3)			EAES 1120 (3) (see below)	EASC 101 (3)
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)			OR	
= 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)			<u>GEOG 1120</u> (4)	
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)			<u>GEOG 1110</u> (4) + <u>GEOG 1120</u> (4)	GEOG 111 (3)
OR GEOG 1110 (4) + EAES 1120 (3) = SFU GEOG 1111 (3) & EASC 101 (3) & GEOG 1XX (1) EVSC 100 (3) EAES 1207 (3) EVSC 201 (3) N/A GEOG 213 (3) GEOG 2220 (3)			= SFU GEOG 111 (3) & EASC 101 (3) & GEOG	
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)			1XX (1)	
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)			OR	
EVSC 100 (3) EAES 1207 (3) EVSC 201 (3) N/A GEOG 213 (3) GEOG 2220 (3)			<u>GEOG 1110</u> (4) + <u>EAES 1120</u> (3) = SFU GEOG	
EVSC 201 (3) N/A GEOG 213 (3) GEOG 2220 (3)			111 (3) & EASC 101 (3) & GEOG 1XX (1)	
GEOG 213 (3) <u>GEOG 2220</u> (3)			<u>EAES 1207</u> (3)	EVSC 100 (3)
			N/A	EVSC 201 (3)
			<u>GEOG 2220</u> (3)	GEOG 213 (3)
GEOG 214 (3) <u>GEOG 2210</u> (3)			<u>GEOG 2210</u> (3)	GEOG 214 (3)
BISC 204 (3) BIOL 3305 (5) = SFU BISC 204 (3) + BISC 2XX (2)			BIOL 3305 (5) = SFU BISC 204 (3) + BISC 2XX (2)	BISC 204 (3)
or or			or	or
GEOG 215 (3) <u>GEOG 2230</u> (3)			GEOG 2230 (3)	GEOG 215 (3)
			、	
GEOG 253 (3) N/A			N/A	GEOG 253 (3)
or or				



Environmental Science Major

(Faculty of Science) Simon Fraser University

GEOG 255 (3)	GEOG 2270 (3)	
MATH 151 (3)	MATH 1120 (3)	
or	or	
MATH 154 (3)	MATH 1123 (3)	
MATH 152 (3)	<u>MATH 1220</u> (3)	
or	or	
MATH 155 (3)	<u>MATH 1223</u> (3)	
Choose one PHYS pair below: PHYS 101 (3) and PHYS 102 (3) OR PHYS 120 (3) and PHYS 121 (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 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)	<u>MATH 2260</u> (3)	
or	or	
STAT 201 (3)	<u>Math 1160</u> (3)	
	Students may request credit for SFU STAT 201	