

## B.Sc Double Minor Geography and Earth Science - APEGBC Stream Date: Feb 24, 2008

<b>YEAR 1</b>	<b>Course Name</b>	<b>APEGBC</b>	
ENGL 115	3 College Composition	-	
ENGL 116	3 Intro. to Literature	-	
MATH 100 or 121	3 Calculus I.	FS-A1	
MATH 101 or 122	3 Calculus II.	FS-A1	
GEOL 111	4 Geology I	-	
GEOL 112	4 Geology II	-	
GEOG 101	3 Environmental Geog.	-	
CHEM 111 or 121	4 Chemistry Fundamentals I	FS-A3	(Note, CHEM 112 or 122 are prerequisites for CHEM 302)
CHEM 112 or 122	4 Chemistry Fundamentals II	FS-A3	
Lower level science (Dept B)	4 PHYS/BIOI	FS-A2/3/4	

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<b>YEAR 2</b>		
GEOL 200	3 Minerology & Petrology	COM-A1
GEOL 201	3 Strat. & Sedimentology	COM-A2
GEOL 202	3 Earth Structures	COM-A3
GEOL 206	3 Field Geology	EG-B1
GEOG 211	3 Atmospheric Environments	-
GEOG 212	3 Earth Environments	-
GEOG 226 or 228	3 Spatial Analysis	-
MATH 181 or 211	3 Statistics	COM-B7
Lower level science (Dept B)	4 PHYS/BIOI	FS-A2/3/4

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### **YEAR 3 & 4**

GEOL 300 or 302	3 Ign/Meta or Mineral Resou	EG-C22
GEOL 304	3 Hydrogeology	EG-A7
GEOL 308	3 Geochemistry	EG-A2
GEOL 301 or 312	3 Cave/Karst or Envir Geol	EG-C23
GEOG 326	3 Remote Sensing	EG-C20
CHEM 301 or 302	3 Environmental Chemistry	COM-B2

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GEOG 322	3 Geog. Communication	-
GEOG 328	3 GIS	EG-C19
GEOG 372	3 Climatology	EG-C17
GEOG 373	3 Biogeography	EG-C16
GEOG 374	3 Hydrology	EG-A3
GEOG 376	3 Geomorphology	EG-A1

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U.L. Elective - GEOL 470	3 Earth Science Issues in BC	
U.L. Elective - RMOT 306	3 Environmental Monitoring	
U.L. Elective - GEOL 390	3 Special Field Studies	
U.L. Elective - GEOL 490/GEOG 491	3 Directed Studies Project (6 credits for GEOG 491)	

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### **OTHER COURSES (Strongly Recommended)**

FRST 151/152	3 Forest Soils	EG-A5
GEOL 380	3 Earth Science Work Exp.	
GEOL 480 or GEOG 467	3 Sen ES Work Op or Field Studies in Geography	

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### **NON-SCIENCE (Suggested courses. Check pre-requisites)**

ECON 330	3 Environmental Economics	COM-B6
PHIL 233	3 Envir Ethics	

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**TOTALS. 126**

### **NOTES**

Note 1 - Assumes no new courses developed and offered

Note 2- Still need Quaternary Geology or Geophysics from APEGBC Group B required (APEGBC EG-A4 or EG-A6)

Note 3 - Still need three courses from APEGBC Group C Electives (To be developed GEOL 476 - Advanced Geomorph. GEOL 491 - Thesis in Geoscience, 7th course from APEGBC Group B could be used, also FRST 121/122 maybe equivalent to EG-C21 )

Note 4 - ECON 330 requires ECON 211 (ECON 212 preferred), PHIL 233 requires a 100-level course in Philosophy, Biology, Economics, Geography;

Note 5 - RMOT 302 - Environmental Monitoring requires 3rd year Science Standing