

Number	Subject	SFU	UBC-V	UVIC	UBC-O	UNBC	CAMOSUN	CAPILANO	DOUGLAS	KWANTLEN	LANGARA	MALASPINA	N. CALEDONIA	NORTHERN L	NORTHWEST	OPEN U	ROCKIES	SELKIRK	THOMPSON	TRINITY W	UCFV	YUKON	
Introductory Courses That Are Not Required by AP/IB/BC But Are Prerequisite Courses																							
	Physical Geography	GEOG 111	GEOG 101	GEOG 111			GEOG 200	GEOG 112	GEOG 110	GEOG 110	GEOG 110	GEOG 110	GEOG 201 + 202		GEOG 150 +	GEOG 110	GEOG 101 +	GEOG 130	GEOG 112 or 122		GEOG 101	GEOG 101 or 102	
	Oceans/Atmospheres	EASC 101	EASC 112	EASC 110			GEOG 110								GEOG 160								
	Physiography	EASC 110	EASC 120	EASC 120			GEOG 110								GEOG 157								
	Historical Geography	EASC 210	EASC 222	EASC 330			GEOG 101	GEOG 111	GEOG 121	GEOG 120	GEOG 120	GEOG 121	GEOG 121		GEOG 158								
Common To All Geoscience - 66-GE-OCOM - Compulsory (1 of 4 Required)																							
FS-A1	Calculus (2 semesters)	MATH 151 + 152 or MATH 154 + 155	MATH 100 + 101 or 103 or MATH 120	MATH 100 + 101	MATH 112 + 122	MATH 100 + 101	MATH 100 + 101	MATH 116/117	MATH 120 + 121	MATH 112 + 122	MATH 117	MATH 121 + 122											
FS-A2	Physics (2 semesters)	PHYS 101 + 102 or PHYS 120 + 121 + 131	PHYS 101 + 102 or PHYS 120 + 121 + 131	PHYS 102 or 103	PHYS 112 + 122 or PHYS 111 + 121	PHYS 110 + 101	PHYS 114 + 115	PHYS 114 + 115	PHYS 110 + 100	PHYS 110 + 100		PHYS 121 + 122											
FS-A3	Chemistry (2 semesters)	CHEM 121 + 122 or CHEM 122 + 126	CHEM 111 + 112	CHEM 101 or 102	CHEM 112 + 122 or CHEM 111 + 121	CHEM 100 + 101 + CHEM 120 + LABS	CHEM 120 + 111	CHEM 110 + 110	CHEM 110 + 110	CHEM 110 + 110	CHEM 110 + 110	CHEM 110 + 110	CHEM 120 + 122										
FS-A4	Biology (2 semesters)	To be determined	To be determined	To be determined	To be determined	To be determined																	
Common To All Geosciences - 66-GE-OCOM - Compulsory (1 of 3 Required)																							
COM-A1	Introduction to Mineralogy/Petrology	EASC 200/200	EASC 200/200	EASC 200	EASC 200																		
COM-A2	Introduction to Sedimentation and Stratigraphy	EASC 201	EASC 201	EASC 201	EASC 201																		
COM-A3	Introduction to Structure and Tectonics	EASC 204	EASC 204	EASC 204	EASC 204																		
Common to All Geosciences - 66-GE-OCOM - Electives (3 of 4 Required)																							
COM-B1	Intermediate Mathematics	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher	Any 200 Level MATH or Higher
COM-B2	Intermediate Chemistry	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher	Any 200 Level CHEM or Higher
COM-B3	Intermediate Physics	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher	Any 200 Level PHYS or Higher
COM-B4	Introduction or Intermediate Biology	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher	Any 100 Level BISC or Higher
COM-B5	Introduction To Computing	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher	Any 100 Level CMPT or Higher
COM-B6	Economics	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher	Any 100 Level ECON or Higher
COM-B7	Probability and Statistics	STAT 101	STAT 200 or 201	STAT 200	STAT 260	STAT 121 or 250	MATH 340 or 341 or 342																
COM-B8	Technical Writing	EASC 300 or 400 or ENSC 101	ENGL 225	ENGL 225	ENGL 225	ENGL 170 or 101	NRES 100																
Specific to Geology - 66-GE-OCOM - Compulsory (1 of 2 Required)																							
GL-A1	Introduction to Geomorphology	EASC 208	EASC 208	EASC 208	EASC 208																		
GL-A2	Introduction to Geochemistry	EASC 207	EASC 207	EASC 207	EASC 207																		
GL-A3	Introduction to Applied Geophysics	EASC 310	EASC 222	EASC 330	EASC 330																		
GL-A4	Introduction to Paleontology	EASC 301	EASC 301	EASC 301	EASC 301																		
GL-A5 / GL-A6 ANY TWO OF	Igneous Petrology	EASC 301	EASC 301	EASC 301	EASC 301																		
	Metamorphic Petrology	EASC 301	EASC 301	EASC 301	EASC 301																		
	Sedimentary Petrology	EASC 302	EASC 302	EASC 302	EASC 302																		
GL-A7	Regional Geology	EASC 309	EASC 302	EASC 410	EASC 410																		
Specific to Geology - 66-GE-OCOM - Compulsory (1 of 1 Required)																							
GL-B1	Field Work	EASC 206 + 306 or 406/416	EASC 223 + 328	EASC 300 + 400	EASC 300 + 437	EASC 333																	
Specific to Geology - 66-GE-OCOM - Electives (3 of 31 Required)																							
GL-C1	Advanced Mineralogy	EASC 325	EASC 325	EASC 325	EASC 325																		
GL-C2	Igneous Geology	EASC 320	EASC 420	EASC 420	EASC 420																		
GL-C3	Metamorphic Geology	EASC 408	EASC 408	EASC 408	EASC 408																		
GL-C4	Sedimentary Geology	EASC 402 or 411	EASC 402	EASC 402	EASC 402																		
GL-C5	Advanced Structure and Tectonics	EASC 309 or 404	EASC 422	EASC 422	EASC 422																		
GL-C6	Advanced Geomorphology	GEOG 313	GEOG 308	GEOG 308	GEOG 476	EASC 435	GEOG 311																
GL-C7	Advanced Paleontology	BISC 434	EASC 425	EASC 425	EASC 508 or 507	EASC 423																	
GL-C8	Advanced Geochemistry	EASC 412	EASC 325	EASC 425	EASC 425 or 430 or 504	EASC 423																	
GL-C9	Advanced Geophysics	EASC 307 or 317 or 417	EASC 400	EASC 400	EASC 400																		
GL-C10	Mineral Deposits	EASC 401	EASC 331	EASC 420 or 505	EASC 360																		
GL-C11	Oil Petrology	EASC 404	EASC 404	EASC 404	EASC 404																		
GL-C12	Mining Evaluation	EASC 420	EASC 422	EASC 422	EASC 422																		
GL-C13	Petroleum Geology	EASC 420	EASC 422	EASC 422	EASC 422																		
GL-C14	Resource Evaluation	EASC 422	EASC 422	EASC 422	EASC 422																		
GL-C15	Coal Geology	EASC 432	EASC 432	EASC 432	EASC 432																		
Specific to Geology - 66-GE-OCOM - Electives (3 of 31 Required)																							
GL-C16	Industrial Minerals	EASC 403 or 412	GEOG 308	EASC 450	EASC 431	GEOG 411																	
GL-C17	Quaternary Geology	EASC 412	EASC 412	EASC 412	EASC 412																		
GL-C18	Hydrogeology	EASC 304	EASC 304	EASC 440	EASC 342	ENSC 451																	
GL-C19	Groundwater Contamination	EASC 410	EASC 429	EASC 429	EASC 429																		
GL-C20	Marine Geology		EASC 426	EASC 408 or 508 or 509	EASC 311																		
GL-C21	Introduction to Soil Science	GEOG 317	SOL 200	GEOG 379	EASC 456	PSTY 205																	
GL-C22	Engineering Geology	EASC 413	EASC 434	EASC 434	EASC 434																		
GL-C23	Environmental Geology	EASC 303 or 411	EASC 211	EASC 211	EASC 211																		
GL-C24	Geoscience Computer Applications		EASC 211	EASC 211	EASC 211																		
GL-C25	Geographic and Spatial Data Analysis	GEOG 256	GEOG 370	GEOG 222 or 308 or 326 or 328	GEOG 373	GEOG 300																	
GL-C26	Remote Sensing of the Earth's Surface	GEOG 353	GEOG 373	GEOG 228 or 318 or 322	GEOG 272	GEOG 432																	
GL-C27	Aerial Photo Interpretation	GEOG 253	GEOG 373	GEOG 222	GEOG 272	GEOG 205																	
GL-C28	Advanced Course in Geoscience	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course																	
GL-C29	Advanced Course in Geoscience	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course	Any Upper Level Geoscience Course																	
GL-C30	Thesis in Geoscience	EASC 499	EASC 447 or 449	EASC 499	EASC 449	GEOG 430 or ENSC 430																	
GL-C31*		*	*	*	*	*																	
* Candidates who have taken all the courses in 01-GL - Compulsory (6 of 7 required) can use the extra course here																							
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