

EOS	APEG Designation:	Geology			Environmental Geoscience		
		Required	Elective	N/A	Required	Elective	N/A
100-level courses							
110	Oceans and Atmosphere			★			★
120	The Dynamic Earth			★			★
170	Natural Hazards			★			★
200-level courses							
201	Sedimentary Geology	★			★		
202	Structural Geology	★			★		
205	Mineralogy	★			★		
210	Introductory Geophysics	★ <sup>3</sup>			★ <sup>3</sup>		
225	Earth System Modelling	★ <sup>1</sup>	★		★ <sup>1</sup>	★	
240	Geochemistry	★			★		
260	Earth System Evolution through		★				★
300-level courses							
300	Earth Science Field School	★			★		
311	Biological Oceanography		★			★	
312	Introductory Chemical		★			★	
313	Geological Oceanography		★			★	
314	Descriptive Physical Oceanography		★			★	
315	Acoustical Oceanography		★			★	
316	Igneous and Metamorphic	★					★
330	Paleobiology		★			★	
335	Isotopes in Natural Sciences		★			★	
340	Atmospheric Sciences		★			★	
350	Understanding the Oceans			★			★
365	Climate and Society			★			★

400-level courses							
400	Advanced Field School		✱			✱	
403	Global Biogeochemical		✱			✱	
408	Marine Geology			✱			✱
410	Global Tectonics		✱			✱	
416	High Temperature Petrology	✱					✱
420	Resource Geology		✱			✱	
422	Energy Resources		✱			✱	
425	Aqueous Chemistry in the Earth and		✱			✱	
427	Geophysics	✱ <sup>3</sup>			✱ <sup>3</sup>		
431	Physical Oceanography		✱			✱	
433	The Climate System		✱			✱	
435	Waves in the Ocean			✱			✱
440	Hydrogeology		✱		✱ <sup>4</sup>		
450	Quaternary Geology	✱ <sup>2</sup>	✱		✱		
460	Earth System Science		✱				✱
480	Applied Geophysics		✱			✱	
490	Directed Studies in Earth and Ocean			✱			✱
499A, B	Honours Thesis I, II		✱			✱	

<sup>1</sup> only required if insufficient non-SEOS elective courses taken to satisfy Group 1B requirements

<sup>2</sup> only required if one of seven other (GEOG) courses not taken to satisfy Group 2B (C) requirements

<sup>3</sup> one of EOS 210 or EOS/PHYS 427 required

<sup>4</sup> one of EOS 440, GEOG 272 or GEOG 370 required