

Honours in Geology (130 credits)	Honours in Geology (117 credits) Program abolished
Requirements 2003-2005	New course codes 2006
Compulsory first-year credits 35 Suggested course stream for full-time students	Compulsory first-year credits 30 Suggested course stream for full-time students
Fall:	Fall:
CHM1310 Principles of Chemistry -4	CHM1311 Principles of Chemistry 3
GEO1115 Introduction to Earth Materials 3	GEO1115 Introduction to Earth Materials 3
MAT1320 Calculus I 3	MAT1320 Calculus I 3
PHY1101 Fundamentals of Physics I 3	PHY1121 Fundamentals of Physics I 3
PHY1201 Physics Laboratory 3	
Winter:	Winter:
BIO1*** 3	BIO1*** 3
CHM1320 Organic Chemistry I 4	CHM1321 Organic Chemistry I 3
GEO1111 Introduction to earth Systems 3	GEO1111 Introduction to earth Systems 3
MAT1323 Calculus and Matrix Algebra 3	
PHY1102 Fundamentals of Physics II 3	MAT1332 Calculus for the Life Sciences II 3
	PHY1122 Fundamentals of Physics II 3
Fall or Winter:	Fall or Winter:
ENG1100 Workshop in Essay Writing 3	ENG1100 Workshop in Essay Writing 3
Other compulsory credits -55	Other compulsory credits 51
Fall:	Fall:
GEO2163 Introduction to Mineralogy 3	GEO2163 Introduction to Mineralogy 3
GEO2165 Stratigraphy and Sedimentation 3	GEO2165 Stratigraphy and Sedimentation 3
GEO3163 Igneous Petrology 3	GEO3163 Igneous Petrology 3
GEO3164 Metamorphic Petrology 3	GEO3164 Metamorphic Petrology 3
Winter:	Winter:
GEO2113 Paleontology 3	GEO2113 Paleontology 3
GEO2164 Analytical Methods in Mineralogy 3	GEO2164 Analytical Methods in Mineralogy 3
GEO2920 Field Studies I -5	GEO2020 Field Studies I 3
GEO3152 Geological Data Analysis -5	GEO3352 Geological Data Analysis 3
GEO3382 Geochemistry 3	GEO3382 Geochemistry 3
GEO3920 Études de terrains II / Field Studies II 3	GEO3920 Études de terrains II / Field Studies II 3
Fall or Winter :	Fall or Winter :
MAT2377 Probability and Statistics for Engineers 3 or MAT2378 Probability and Statistics for the Natural Sciences 3	MAT2377 Probability and Statistics for Engineers 3 or MAT2378 Probability and Statistics for the Natural Sciences 3
Option 1 Winter:	Option 1 Winter:
GEO2321 Structural Geology and Tectonics 3	GEO2321 Structural Geology and Tectonics 3

GEO3165 Carbonate Sedimentology	3	GEO3165 Carbonate Sedimentology	3
GEO3166 Siliciclastic Sedimentology	3	GEO3166 Siliciclastic Sedimentology	3
or		or	
Option 2		Option 2	
Fall:		Fall:	
GEO2307 Environmental Geology	3	GEO2307 Environmental Geology	3
GEO2334 Quaternary Geology and Climate Change	3	GEO2334 Quaternary Geology and Climate Change	3
GEO3342 Introduction to Hydrogeology	3	GEO3342 Introduction to Hydrogeology	3
Six credits (minimum) of science electives other than Geology	6	Six credits (minimum) of science electives other than Geology	6
A minimum of 3 credits in Physical Geography from the following list:	3	A minimum of 3 credits in Physical Geography from the following list:	3
GEG2301 Geomorphology	3	GEG2301 Geomorphology	3
GEG2304 Climatology	3	GEG2304 Climatology	3
GEG2320 Introduction to Digital Cartography and GIS	3	GEG2320 Introduction to Digital Cartography and GIS	3
GEG3102 Hydrology	3	GEG3102 Hydrology	3
GEG3105 Remote Sensing	3	GEG3105 Remote Sensing	3
Nine credits of non science electives	9	Nine credits of non science electives	9
Compulsory credits in fourth-year	34	Compulsory credits in fourth-year	27
GEO4900 Honours Project	10	GEO4010 Honours Project	6
9 credits of electives in Geology	9	9 credits of electives in Geology	9
12 credits in Geology at the 4000-level	12	12 credits in Geology at the 4000-level	12