

Honours in Physical Geography (126 credits)	Honours in Physical Geography (123 credits) Program abolished
<p>Requirements 2003-2005</p> <p>Compulsory first-year credits: Suggested course stream for full-time students</p> <p>Fall:</p> <p>BIO1120 Introduction to Organismal Biology CHM1310 Principles pf Chemistry GEG1301 The Physical Environment GEO1115 Introduction to Earth Materials MAT1320 Calculus I PHY1101 Fundamentals of Physics I</p> <p>Winter:</p> <p>CHM1320 Organic Chemistry I ENG1100 Workshop in Essay Writing or ENG1112 Technical Report Writing GEO1111 Introduction to Earth Systems MAT1323 Calculus and Matrix Algebra</p> <p>PHY1102 Fundamentals of Physics II</p> <p>Compulsory second-year credits and higher</p> <p>GEG2301 Geomorphology GEG2304 Climatology GEG2320 Introduction to Digital Cartography and GIS GEG3102 Hydrology GEG3105 Remote Sensing GEG3306 Quaternary Paleogeography or GEO2334 Quaternary Geology and Climate Change GEG4010 Directed Research in Physical Geography GEG4918 Camp d'automne II / Field Camp II MAT2378 Probability and Statistics for the Natural Sciences</p> <p>Minimum of 51 credits of electives, as follows:</p> <ol style="list-style-type: none"> Twenty-one credits (minimum) from the following GEG courses, at least nine credits must be GEG 4000-level; GEG 4001 cannot be counted towards this requirement- <p>GEG3101 Advanced Geomorphology GEG3114 Biogeography GEG3300 Selected Topics in Physical Geography GEG3302 Natural Resource Management GEG3312 Advanced GIS GEG3321 Geographical Approaches to Environmental Issues GEG4001 Northern Canada Field Research GEG4101 Permafrost Geomorphology</p>	<p>New course codes 2006</p> <p>Compulsory first-year credits: Suggested course stream for full-time students</p> <p>Fall:</p> <p>BIO1130 Introduction to Organismal Biology CHM1311 Principles of Chemistry GEG1301 The Physical Environment GEO1115 Introduction to Earth Materials MAT1320 Calculus I PHY1121 Fundamentals of Physics I</p> <p>Winter:</p> <p>CHM1321 Organic Chemistry I ENG1100 Workshop in Essay Writing or ENG1112 Technical Report Writing GEO1111 Introduction to Earth Systems</p> <p>MAT1332 Calculus for the Life Sciences II PHY1122 Fundamentals of Physics II</p> <p>Compulsory second-year credits and higher</p> <p>GEG2301 Geomorphology GEG2304 Climatology GEG2320 Introduction to Digital Cartography and GIS GEG3102 Hydrology GEG3105 Remote Sensing GEG3306 Quaternary Paleogeography or GEO2334 Quaternary Geology and Climate Change GEG4010 Directed Research in Physical Geography GEG4918 Camp d'automne II / Field Camp II MAT2378 Probability and Statistics for the Natural Sciences</p> <p>Minimum of 51 credits of electives, as follows:</p> <ol style="list-style-type: none"> Twenty-one credits (minimum) from the following GEG courses, at least nine credits must be GEG 4000-level; GEG 4001 cannot be counted towards this requirement- <p>GEG3101 Advanced Geomorphology GEG3114 Biogeography GEG3300 Selected Topics in Physical Geography GEG3302 Natural Resource Management GEG3312 Advanced GIS GEG3321 Geographical Approaches to Environmental Issues GEG4001 Northern Canada Field Research GEG4101 Permafrost Geomorphology</p>

GEG4102 Drainage Basin Processes and Environmental Change	3	GEG4102 Drainage Basin Processes and Environmental Change	3
GEG4103 Northern Hydrology	3	GEG4103 Northern Hydrology	3
GEG4105 GIS in Environmental Research	3	GEG4105 GIS in Environmental Research	3
GEG4118 Environmental Impact Assessment	3	GEG4118 Environmental Impact Assessment	3
GEG4120 GIS and Numerical Spatial Analysis	3	GEG4120 GIS and Numerical Spatial Analysis	3
GEG4304 Microclimatology	3	GEG4304 Microclimatology	3
GEG4506 Géomorphologie Karstique et environnement pléistocènes	3	GEG4506 Géomorphologie Karstique et environnement pléistocènes	3
GEG4507 Géoarchéologie	3	GEG4507 Géoarchéologie	3
GEG4508 Climat, environnement et société	3	GEG4508 Climat, environnement et société	3
GEG4509 Les changements climatiques	3	GEG4509 Les changements climatiques	3
GEG4515 La télédétection appliquée à l'environnement	3	GEG4515 La télédétection appliquée à l'environnement	3
GEG4516 Palynologie	3	GEG4516 Palynologie	3
GEG4517 L'holocène	3	GEG4517 L'holocène	3
GEG4916 Seminar in Physical Geography	3	GEG4916 Seminar in Physical Geography	3
2. Twelve credits of Earth Sciences electives from :	12	2. Twelve credits of Earth Sciences electives from :	12
GEO2163 Introduction to Mineralogy	3	GEO2163 Introduction to Mineralogy	3
GEO2164 Analytical Methods in Mineralogy	3	GEO2164 Analytical Methods in Mineralogy	3
GEO2165 Stratigraphy and Sedimentation	3	GEO2165 Stratigraphy and Sedimentation	3
GEO2307 Environmental Geology	3	GEO2307 Environmental Geology	3
GEO2321 Structural geology and Tectonics	3	GEO2321 Structural geology and Tectonics	3
GEO3152 Geological Data Analysis	5	GEO3152 Geological Data Analysis	3
GEO3163 Igneous Petrology	3	GEO3163 Igneous Petrology	3
GEO3166 Siliciclastic Sedimentology	3	GEO3166 Siliciclastic Sedimentology	3
GEO3167 Mineral Deposits	3	GEO3167 Mineral Deposits	3
GEO3342 Introduction to Hydrogeology	3	GEO3342 Introduction to Hydrogeology	3
GEO3382 Geochemistry	3	GEO3382 Geochemistry	3
GEO4341 Advanced physical Hydrogeology	3	GEO4341 Advanced physical Hydrogeology	3
GEO4342 Groundwater Geochemistry	3	GEO4342 Groundwater Geochemistry	3
GEO4354 Quantitative Analysis in Geology	3	GEO4354 Quantitative Analysis in Geology	3
3. Human geography electives: 12 credits from GEG courses other than those listed above	12	3. Human geography electives: 12 credits from GEG courses other than those listed above	12
4. Other electives that can be taken to meet the requirement of 51 credits of electives		4. Other electives that can be taken to meet the requirement of 51 credits of electives	
BIO2109 Ecology	4	BIO2129 Ecology	3
BIO3115 Conservation Biology	3	BIO3115 Conservation Biology	3
BIO3117 Ecosystem Ecology	3	BIO3117 Ecosystem Ecology	3
CSI1303 Introduction to Computing Concepts	4	CSI1308 Introduction to Computing Concepts	3
EVS1101 Introduction to Environmental Science	3	EVS1101 Introduction to Environmental Science	3
PHI2398 Environmental Ethics	3	PHI2398 Environmental Ethics	3
At least nine credits of free electives without a GEG code	9	At least nine credits of free electives without a GEG code	9