

B.Sc. MAJOR in GEOLOGY

Program Requirements

with extra requirements for professional registration qualification

2017-18
Calendar

English 3 credit hr	Humanities 3 credit hr	Arts/ECON 12 credit hr	Electives 18 credit hr	MATH/CSCI 6 credit hr	Science Breadth 18 credit hr	MAJOR Subject GEOLOGY 60 credit hr
ENGL 1205			*	MATH 1250 Calculus for Life Sci. I	PHYS 1210 University Physics I	GEOL 1200 Understanding the Earth
				MATH 1251 Calculus for Life Sci. II or CSCI 1227 Computer Programming & Problem Solving	CHEM 1210 General Chemistry I	GEOL 1201 The Dynamic Earth
					■/*	GEOL 2301 Mineralogy
					*	GEOL 2302 Optical Mineralogy
					*	GEOL 2305 Geophysics
					*	GEOL 2325 Sedimentology
						GEOL 3300 Field Methods
						GEOL 3312 Igneous Petrology
						GEOL 3313 Metamorphic Petrology
						GEOL 3323 Palaeontology: History of Life
						GEOL 3326 Sedimentary Petrology and Stratigraphy
						GEOL 3413 Structural Geology
						GEOL 3453 Principles of Geochemistry
						GEOL 4441 Mineral Resources
						GEOL 4466 Petroleum Geology
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NOTES:

■ CSCI 1226 required *only if* CSCI 1227 selected for 6-credit hr MATH/CSCI requirement

* Choose from below, with no more than 6 credit hours per subject in the following subjects:

- Biology (BIOL)
- Chemistry (CHEM, in addition to CHEM 1210)
- Math (MATH, in addition to MATH 1250)
- Computer Programming (CSCI 1226, CSCI 1227)
- Physics (PHYS, in addition to PHYS 1000)

▲ Choose from below:

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| GEOL 3305 | GEOL 3340 | GEOL 3410 | GEOL 3454 |
| GEOL 4300 | GEOL 4400 | GEOL 4414 | GEOL 4423 |
| GEOL 4450 | GEOL 4465 | GEOL 4800-4899 | GEOL 4442 |

- GEOL 4550 (Honours only)

GRAY = suggested schedule Year 1

Every effort is made to ensure that the information summarized here is accurate. Students are reminded that the University Academic Calendar is the official source of Program information.

A minimum GPA of 2.2 is required in the Major Subject Area

Course & Elective Options:

Arts: Anthropology, Arabic, Asian Studies, Atlantic Canada Studies, Chinese, Classics, Economics, English, French, German, Geography, Hispanic Studies, History, Irish Studies, Japanese, Linguistics, Philosophy, Political Science, Religious Studies, Sociology, Spanish, Women & Gender Studies

Humanities: Classics, English (other than 1205), History, Philosophy, Religious Studies and Modern Languages (courses in literature and/or culture)