

B.Sc. MAJOR in GEOLOGY

Program Requirements

with extra requirements for professional registration qualification

2018-19
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 12xx	PHYS 1210 University Physics I	GEOL 1200 Understanding the Earth
				MATH 12xx 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:

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
No changes to requirements from 2017-18

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)