

B.Sc. MAJOR in GEOLOGY

Program Requirements

2019-20
Calendar

Humanities 6 credit hr	Arts/ECON 12 credit hr	Electives 30 credit hr	MATH/CSCI 6 credit hr	OTHER Science 18 credit hr	MAJOR Subject GEOLOGY 48 credit hr
			MATH 12xx <u>or</u> CSCI 12xx		GEOL 1200 Understanding the Earth
			MATH 12xx <u>or</u> CSCI 12xx		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 & Stratigraphy
					GEOL 3413 Structural Geology
					GEOL 3453 Principles of Geochemistry
					GEOL 4441 Mineral Resources or GEOL 4466 Petroleum Geology
					● GEOL - - - -
					● GEOL - - - -

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

NOTES:

● Choose from:

- GEOL 3305 Geomatics
- GEOL 3410 Environmental Impact Assessment
- GEOL 4300 Field Geology of Eastern Canada
- GEOL 4414 Tectonics
- GEOL 4450 Advanced Igneous & Metamorphic Petrology

- GEOL 4800-4899 Special Topics & Directed Study

- GEOL 3340 Principles of Hydrogeology
- GEOL 3454 Applied Geochemistry
- GEOL 4400 International Field Camp
- GEOL 4423 Advanced Palaeontology
- GEOL 4465 Advanced Sedimentology
- GEOL 4441 Mineral Resources
- GEOL 4442 Economic Geology Field School
- GEOL 4466 Petroleum Geology

GRAY = suggested schedule Yr1

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

Course & Elective Options:

Sciences: Astronomy, Biology, Chemistry, Computing Science, Environmental Science, Geology, Mathematics, Physics, Psychology (Excluding ASTR 1010, CHEM 1221, FRSC 2200, FRSC 2001, GEOL 1202, GEOL 1203, GEOL 1210, MATH 1202, and MATH 1203)

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)