

B.Sc. MAJOR in GEOLOGY

Program Requirements

2018-19
Calendar

English 3 credit hr	Humanities 3 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
ENGL 1205						GEOL 1200 Understanding the Earth
						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:

- CSCI 1226 required pre-requisite for CSCI 1227
- 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

No changes to requirements from 2017-18

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)