

B.Sc. MAJOR in GEOLOGY

Program Requirements

2017-18
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 | | | | MATH 1250 | | GEOL 1200 Understanding the Earth |
| | | | | MATH 1251 <i>or</i> CSCI 1227 ■ | | 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 |
| | | | | | | <i>or</i> 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
 GEOL4466 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.