

## Minor in Geology

### 1. Total Number of Required Credits: 24 Credits

### 2. Required Courses (with credit attached and any prerequisites)

#### I. Basic Earth Science background (6 credits):

Course Codes/Course Title	Credits	Prerequisites
GEOL 1006 – Intro to Geology I	3	NONE
GEOL 1007 – Intro to Geology II	3	GEOL 1006

### 3. Elective Courses (with credit attached and any prerequisites)

#### II. Additional Earth Sciences skills (15 credits from the following list – max of 9 credits Envision courses allowed):

(at least 6 credits must be from the 3000/4000 level)

Course Codes/Course Title	Credits	Prerequisites
GEOL 2237 – Sedimentary, Igneous & Metamorphic Rocks	3	GEOL 1006
GEOL 2126 – Mineralogy	3	GEOL 1006/1007
GEOL 2021 – Geology of Earth Resources	3	GEOL 1021/1022 OR GEOL 1006/1007
GEOL 2022 – The Dynamic Earth	3	GEOL 1021/1022 OR GEOL 1006/1007
GEOL 2406 – Paleobiology I	3	NONE
GEOL 2046 – Natural Disasters*	3	NONE
GEOL 2106 – Introductory Geomorphology I	3	GEOL 1006/1007 or ENSC 1406
GEOL 3217 – Sedimentology and Stratigraphy	3	GEOL 2406 and GEOL 2237 or permission of instructor
GEOL 3312 – Introduction to Earth Structures	3	GEOL 1021/ 1022 OR GEOL 1006/1007 AND GEOL 2021/GEOL 2022 or permission from instructor
GEOL 3811 – Chemistry of Earth Materials	3	GEOL 1021/ 1022 OR GEOL 1006/1007 or permission from instructor
GEOL 4226 – Pleistocene and Glacial Geology	3	GEOL 3217 or permission from instructor
GEOL4416 – Global Change	3	NONE
GEOL 4706 – Hydrogeology	3	GEOL 1006/1007, CHMI 1006/1007 and MATH 1912 or 1036

GEOL 4956 – Geophysics	3	GEOL 1006/1007, PHYS 1006 or 1206, MATH 1036 or 1912
------------------------	---	--

\* The course is in the calendar and will be offered as an Envision course.

**III. Communications Skills (3 credits from the following list):**

<b>Course Codes/Course Title</b>	<b>Credits</b>	<b>Prerequisites</b>
COMM 1206 EL – Business communications	3	NONE
ENGR 1016 – Engineering Communications	3	NONE
ENGL 1706 – Intro to writing English studies I	3	NONE
COST 2446 EL – The Dynamics of Interpersonal Communications I	3	NONE
COST 2447 EL – The Dynamics of Interpersonal Communications II	3	NONE
ENGL 3536 – Environmental Communications	3	NONE
ENGL 3556 – Principles and Practices of Workplace Communications	3	NONE
SCOM 4006 – Communicating Research	3	NONE