

Geology Major 2016-2017

Required Coursework

<u>Semester 1</u>		<u>Semester 2</u>
GEOL 105, C-PN		MATH 131, C-QR
THRS 117, C-TF		PHIL 120, C-PF
Elective/Minor/Core		Elective/Minor/Core
Elective/Minor/Core		Elective/Minor/Core

<u>Semester 3</u>		<u>Semester 4</u>
CHEM 105, C-PN		CHEM 107
GEOL 225		GEOL 300
Elective/Minor/Core		Elective/Minor/Core
Elective/Minor/Core		Elective/Minor/Core

<u>Semester 5</u>		<u>Semester 6</u>
PHYS 111 or 121, C-PN		PHYS 112 or 122, C-PN
GEOL 320		GEOL Elective
Elective/Minor/Core		Elective/Minor/Core
Elective/Minor/Core		Elective/Minor/Core
		Elective/Minor/Core

<u>Summer</u>
GEOL 450 Geology Field Camp

<u>Semester 7</u>		<u>Semester 8</u>
GEOL 322		GEOL Elective
GEOL 325		Elective/Minor/Core
Elective/Minor/Core		Elective/Minor/Core
Elective/Minor/Core		Elective/Minor/Core

Requirement Checklist

- GEOL 105 Geology, C-PN
- GEOL 225 Hydrogeology
- GEOL 300 Minerology
- GEOL 320 Petrology
- GEOL 322 Sedimentology and Stratigraphy
- GEOL 325 Structural Geology
- GEOL 450* Geology Field Camp
- CHEM 105 General Chemistry 1, C-PN
- CHEM 107 General Chemistry 2
- MATH 131 Calculus and Analytical Geometry 1, C-QR
- PHYS 111 or 121 Fundamentals/General Physics 1, C-PN
- PHYS 111 or 122 Fundamental/General Physics 2

Two from:

- GEOL 250 Geomorphology
- GEOL 275 Historical Geology
- GEOL 280 Introduction to Paleontology
- GEOL 350 Glacial and Quaternary Geology
- GEOL 389 Special Topics
- GEOL 428 Environmental Geology Research
- GEOL 490 Independent Study
- GEOL 492 Directed Research
- GEOL 496 Senior Thesis
- BIOL 430 Paleobiology

Students will earn core PN and QR through major requirements.

**All students are required to attend a summer field camp, GEOL 450 Geology Field Camp, typically between their Junior and Senior year. This course is not offered by SNC and must be transferred in.*

MATH 132 and GEOL 496 are strongly recommended for students planning to attend graduate school.