Geology Curriculum Map 2013-2014

Sean M. Stone  
*Claremont University Consortium*

Char Booth  
*Claremont University Consortium*

Dani Brecher  
*Claremont University Consortium*

M. Sara Lowe  
*Claremont University Consortium*

Natalie Tagge  
*Claremont University Consortium*

This map displays degree requirements, courses, faculty information, clubs & organizations, and Library resources associated with American Studies across the seven Claremont Colleges (7Cs) for the 2013-14 academic year. It was compiled using public information drawn from Colleges websites, course schedules and catalogs, and the Claremont Colleges Library website. **These maps should be understood as a snapshot of the consortium in time, and not representative of current information beyond 2013-14.**

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# Geology Curriculum, 2013-2014

## Faculty & Staff
- Dr. Gaines (Chair)
- Dr. Grosfils
- Dr. Hazlett
- Dr. Lackey
- Dr. Reinen
- Dr. Varga (Visiting Scholar)
- Dr. Zenger (Professor Emeritus)
- Ms. Keala (Administrative Assistant)

## Clubs, Organizations, Etc.
- Field Trips
- Student

## Degree Requirements

### Geology Track
- One introductory course: Geology 20A, B, C, D, or E
- A set of seven core courses: Geology 123, 125, 127, 129, 181, 183, 185
- Two Geology electives
- A year-long senior thesis: Geology 192
- Two semesters of college introductory calculus

### Geology Minor
- An introductory course from GEOL 20A, B, C, D, or E
- Two intermediate-level courses (take two of four): Geology 123, 125, 127, and 129
- Three additional geology courses from those numbered 100 and above (at least one 200-level course without permission of the department faculty)

### Course Catalog

#### Active Classes
- GEO20A: Geohazards
- GEO20B: Planetary Geology
- GEO20C: Environmental Geology
- GEO20D: Paleontology
- GEO20E: Geochronology
- GEO111A: Introduction to GIS
- GEO111B: Introduction to GIS for Geologists
- GEO112: Remote Sensing
- GEO115: Hydrogeology
- GEO117: Geochronology w/Lab
- GEO120: Intro to Geochemistry
- GEO122: Earth History w/Lab
- GEO125: Structure Geology w/Lab
- GEO127: Mineralogy w/Lab
- GEO129: Geophysics
- GEO130: Igneous and Metamorphic Petrology w/Lab
- GEO131: Vatnajokull
- GEO132: Astrobiology w/Lab
- GEO135: Structural Geology w/Lab
- GEO138: Paleontology
- GEO150A: Research Methods (Writing)
- GEO150B: Research Methods (Speaking)
- GEO150H: Reading and Research
- GEO152: Climate Change
- GEO155: Geomodeling
- GEO181: Igneous and Metamorphic Petrology w/Lab
- GEO183: Sedimentary Petrology w/Lab
- GEO185: Structural Geology w/Lab
- GEO192: Senior Project
- GEO199: Reading and Research

#### Archived Classes
- GEO89: Geology of the Cascades
- GEO140: Regional Geology Seminar
- GEO150A: Research Methods (Writing)
- GEO150B: Research Methods (Speaking)
- GEO160: Remote Sensing
- GEO181: Igneous and Metamorphic Petrology w/Lab
- GEO183: Sedimentary Petrology w/Lab
- GEO185: Structural Geology w/Lab

### Classes
- GEO110: Introduction to GIS
- GEO111A: Introduction to GIS
- GEO111B: Introduction to GIS for Geologists
- GEO112: Remote Sensing
- GEO115: Hydrogeology
- GEO117: Geochronology
- GEO120: Intro to Geochemistry
- GEO122: Earth History
- GEO125: Structure Geology
- GEO127: Mineralogy
- GEO129: Geophysics
- GEO130: Igneous and Metamorphic Petrology
- GEO131: Vatnajokull
- GEO132: Astrobiology
- GEO135: Structural Geology
- GEO150A: Research Methods (Writing)
- GEO150B: Research Methods (Speaking)
- GEO150H: Reading and Research
- GEO152: Climate Change
- GEO155: Geomodeling
- GEO181: Igneous and Metamorphic Petrology
- GEO183: Sedimentary Petrology
- GEO185: Structural Geology
- GEO192: Senior Project
- GEO199: Reading and Research
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- GEO192: Senior Project
- GEO199: Reading and Research

### Degree Requirements
- A year-long senior thesis: Geology 192
- Two semesters of college introductory calculus
- One upper-division course in Chemistry or Biology
- A total of at least 12 units of upper-division courses
- One pertinent elective to be selected by the student. This elective must not be from the Geology curriculum, but must relate in some clear way to the student's senior thesis goals, and must be approved by the student's major adviser. Relevant courses from any of the Claremont Colleges may be applied.

### Clubs, Organizations, Etc.
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