Choose between B.A. and B.S. and complete the following requirements accordingly. All CLAS general education requirements must also be met.

I. Required for all students
   a. Required
      _____ GSCI 2500: Earth System Science 3 credits
   b. Choose 1:
      _____ GSCI 4050W: Geoscience and Society 3 credits
      _____ GSCI 4996W: Undergraduate Research Thesis in Geoscience 3 credits
   c. At least 12 credits of related courses at the 2000 level and above.
      ______________________   _____ credits  ______________________   _____ credits
      ______________________   _____ credits  ______________________   _____ credits
      ______________________   _____ credits  ______________________   _____ credits

Bachelor of Arts (B.A.)
At least 24 credits of Geoscience courses at the 2000 level and above. Complete both requirements below.

Two core courses from this menu:
_____ GSCI 3010: Earth History and Global Change 3 credits
_____ GSCI 3020: Earth Surface Processes 3 credits
_____ GSCI 3030: Earth Structure 3 credits
_____ GSCI 3040: Earth Materials 4 credits

At least 12 additional GSCI credits at the 2000 level or above. No more than 3 credits can be at the 2000 level.

_______________________   _____ credits  ______________________   _____ credits  ______________________   _____ credits
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### Bachelor of Science (B.S.)

At least 30 credits of Geoscience courses at the 2000 level and above.

Complete the requirements for one of three tracks below.

#### Earth Track

**Required Core Courses**
- GSCI 3010: Earth History & Global Change (3)
- GSCI 3030: Earth Structure (3)
- GSCI 3040: Earth Materials (4)

At least 14 additional GSCI credits at the 3000 level or above.

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Three courses chosen from this menu:
- GSCI 3710: Engineering & Environmental Geology (3)
- GSCI 4130: Geomicrobiology (3)
- GSCI 4150: Applied Data Analysis in Earth Science (3)
- GSCI 4210: Glacial Processes and Materials (3)
- GSCI 4230: GIS & Remote Sensing for GSCI Applications (3)
- GSCI 4430: Stable Isotope Biogeochemistry (3)
- GSCI 4710: Environmental Site Assessment (3)
- GSCI 4720: Environmental Geochemistry (3)
- GSCI 4735: Introduction to Groundwater Hydrology (4)

At least 5 additional GSCI credits at the 3000 level or above.

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#### Environment Track

**Required Core courses**
- GSCI 3020: Earth Surface Processes (3)
- GSCI 3030: Earth Structure (3)
- GSCI 3040: Earth Materials (4)

Three courses chosen from this menu:
- GSCI 3710: Engineering & Environmental Geology (3)
- GSCI 4130: Geomicrobiology (3)
- GSCI 4150: Applied Data Analysis in Earth Science (3)
- GSCI 4210: Glacial Processes and Materials (3)
- GSCI 4230: GIS & Remote Sensing for GSCI Applications (3)
- GSCI 4430: Stable Isotope Biogeochemistry (3)
- GSCI 4710: Environmental Site Assessment (3)
- GSCI 4720: Environmental Geochemistry (3)
- GSCI 4735: Introduction to Groundwater Hydrology (4)

At least 9 additional GSCI credits at the 3000 level or above.

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#### Atmosphere Track

**Required Core Course**
- GSCI 3010: Earth History & Global Change (3)

One of the core courses from this menu:
- GSCI 3020: Earth Surface Processes (3)
- GSCI 3030: Earth Structure (3)
- GSCI 3040: Earth Materials (4)

Three courses chosen from this menu:
- GSCI 2800: Our Evolving Atmosphere (3)
- GSCI 4150: Applied Data Analysis in Earth Science (3)
- GSCI 4230: GIS & Remote Sensing for GSCI Applications (3)
- GSCI 4430: Stable Isotope Biogeochemistry (3)
- GSCI 4810: Modeling the Changing Atmosphere & Ocean (3)
- GSCI 4850: Paleoclimatology (3)

At least 9 additional GSCI credits at the 3000 level or above.

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