



2018-2019 PROGRAM REQUIREMENTS Minor: Geology

About This Minor. . .

The Geology Minor is designed for students who wish to take additional basic geology courses in support of their degree aspirations in other areas. A total of 21 geology credit hours are required. Most classes have a strong field component so that students can enjoy the diverse geological setting of the Grand Junction area. Laboratory work takes place in a state-of-the-art science complex.

Advising Process and DegreeWorks

This document is intended for informational purposes to help determine what courses and associated requirements are needed to earn a minor. Meeting with an academic advisor is essential in planning courses and developing a suggested course sequencing. It is ultimately the student's responsibility to understand and fulfill the requirements for her/his intended minor.

DegreeWorks is an online degree audit tool available in MAVzone. It is the official record used by the Registrar's Office to evaluate progress towards a minor. Students are responsible for reviewing their DegreeWorks audit on a regular basis and should discuss questions or concerns with their advisor or academic department head for the minor. Discrepancies in requirements should be reported to the Registrar's Office.

Graduation Process

A minor cannot be awarded by itself. It must be combined with a baccalaureate degree outside the major field of study. Students should follow the graduation process outlined for the baccalaureate degree and list their majors and minors on the "Intent to Graduate" form.

If a student's petition for graduation is denied, it will be her/his responsibility to consult the Registrar's Office regarding next steps.

INSTITUTIONAL MINOR REQUIREMENTS

The following institutional requirements apply to all CMU minors. Specific programs may have different requirements that must be met in addition to institutional requirements.

- A minor consists of 15-24 semester hours. There may be prerequisites required for the minor which will increase the total number of credit hours for a student who has not already taken those prerequisites.
- Courses taken to satisfy Essential Learning, major requirements, or electives **can** be counted toward the minor if applicable.
- At least 33 percent of the credit hours required for the minor must be in courses numbered 300 or above.
- At least 25 percent of the classes must be taken at CMU.
- 2.00 cumulative GPA or higher for the courses used for the minor.
- A minor is not a degree by itself and must be earned at the same time as a baccalaureate degree.
- A minor must be outside the major field of study.
- A student may earn up to five minors with any baccalaureate degree at CMU.
- The Catalog Year determines which program sheet and degree requirements a student must fulfill in order to graduate. Visit with your advisor or academic department to determine which catalog year and program requirements sheet you should follow.
- See "Requirements for Undergraduate Degrees and Certificates" in the catalog for a complete list of graduation requirements.

PROGRAM-SPECIFIC MINOR REQUIREMENTS

- 21 semester hours for the Minor in Geology

REQUIRED COURSES FOR THE GEOLOGY MINOR (21 semester hours)

- One of the following (Either GEOL 111/111L or GEOL 113/113L may be taken for credit, but not both):
GEOL 111 - Principles of Physical Geology (3) and GEOL 111L - Principles of Physical Geology Laboratory (1)
GEOL 113 - Field Based Intro to Physical Geology (3) and GEOL 113L - Field Based Intro to Physical Geology Laboratory (1)
- GEOL 112 - Principles of Historical Geology (3)
- GEOL 112L - Principles of Historical Geology Laboratory (1)
- GEOL 202 - Introduction to Field Studies (3)
- GEOL 250 - Environmental Geology (3)

Complete 7 semester hours (minimum) chosen from the following:

- GEOL 204 - Computer Applications in Geology (3)
- GEOL 301 - Structural Geology (3)
- GEOL 301L - Structural Geology Laboratory (1)
- GEOL 325 - Intro to Engineering Geology (3)
- GIST 321 - Intro to Remote Sensing (2)
- GIST 321L - Intro to Remote Sensing Laboratory (1)
- GEOL 331 - Crystallography & Mineralogy (3)
- GEOL 331L - Crystallography & Mineralogy Laboratory (1)
- GEOL 340 - Igneous & Metamorphic Petrology (3)
- GEOL 340L - Igneous & Metamorphic Petrology Laboratory (1)
- GEOL 359 - Survey of Energy-Related Natural Resources (3)
- GEOL 361 - Survey of Mineral-Related Natural Resources (3)
- GEOL 402 - Applications of Geomorphology (3)
- GEOL 402L - Applications of Geomorphology Laboratory (1)
- GEOL 404 - Geophysics (3)
- GEOL 404L - Geophysics Laboratory (1)
- GEOL 411 - Paleontology (3)
- GEOL 411L - Paleontology Laboratory (1)
- GEOL 444 - Sedimentology & Stratigraphy (3)
- GEOL 444L - Sedimentology & Stratigraphy Laboratory (1)

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