

Course Change Request

Date Submitted: 01/24/25 9:46 am

Viewing: **GEOL 103 : Physical Geology Lab**

Transfer Course(s): GEOL U103

Last approved: 09/28/22 5:46 am

Last edit: 02/21/25 5:52 pm

Changes proposed by: sverardo

Catalog Pages referencing this course

[Biology \(BIOL\)](#)

[Department of Atmospheric, Oceanic and Earth Sciences](#)

Select modification type:

~~Specialized Course Designation~~

Simple

In Workflow

1. **AOES Curriculum Committee**
2. **SC Academic Affairs**
3. Registrar-Courses
4. Banner

Approval Path

1. 01/29/25 8:36 am
Barry Klinger (bklinger):
Approved for AOES Curriculum Committee

History

1. Oct 29, 2021 by Mark Uhen (muhen)
2. Sep 28, 2022 by Jennifer Bazaz Gettys (jbazaz)

Are you completing this form on someone else's behalf?

No

Effective Term: Fall 2025

Subject Code: GEOL - Geology

Course Number: 103

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Physical Geology Lab

Banner Title: Physical Geology Lab

Will section titles vary by semester? No

Credits: 1

Schedule Type: Laboratory

Hours of Lab or Studio per week: 3

Repeatable: May be only taken once for credit, limited to 3 attempts (N3) **Max Allowable Credits:** 3

Default Grade Mode: Undergraduate Regular

Recommended Prerequisite(s):

Recommended Corequisite(s):

Required Prerequisite(s) / Corequisite(s) (Updates only):

GEOL 101 (concurrent enrollment permitted)

Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):

And/Or	(Course/Test Code	Min Grade/Score	Academic Level)	Concurrency?
		GEOL 101	C	UG		Yes

Registration Restrictions (Updates only):

Student must have a grade of D or better in GEOL 101 if taken in a previous semester.

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Level(s):

Degree(s):

School(s):**Catalog****Description:**

Covers Earth, processes that operate within Earth and on surface, and human interaction with Earth. Topics include minerals, earthquakes and seismology, isostasy, igneous processes and rocks, paleomagnetism and plate tectonics, weathering, mass movements, rivers and streams, groundwater, glaciers, and marine processes. Notes: May include field trips.

Justification:

What: Altering the prerequisite requirement.

Why: The default minimum grade for prereq was a C, but students who take GEOL 101 concurrently with GEOL 103 do not need to get a C in GEOL 101. We are lowering the minimum grade for the required course when it was taken previously, in order to be consistent with the requirement when taken concurrently.

Does this course cover material which crosses into another department? No

Learning Outcomes:

Will this course be scheduled as a cross-level cross listed section?

Attach Syllabus

[GEOL103 Syllabus_Aug24.pdf](#)

Additional Attachments

[GeolBA_curriculum map.pdf](#)

Specialized Course**Categories:**

Mason Core

Select the Mason Core Requirement the course is proposing to fulfill:

Foundation**Courses:****Exploration****Courses:**

Natural Sciences w/Lab

Exploration**Courses:****Integration****Courses:**

Natural Sciences with Lab

Course must meet the following learning outcomes:

1. Understand how scientific inquiry is based on investigation of evidence from the natural world, and that scientific knowledge and understanding: a) evolves based on new evidence, and b) differs from personal and cultural beliefs
2. Recognize the scope and limits of science.
3. Recognize and articulate the relationship between the natural sciences and society and the application of science to societal challenges (e.g., health, conservation, sustainability, energy, natural disasters, etc.).
4. Evaluate scientific information (e.g., distinguish primary and secondary sources, assess credibility and validity of information).
5. Participate in scientific inquiry and communicate the elements of the process, including: a) making careful and systematic observations, b) developing and testing a hypothesis, c) analyzing evidence, and d) Interpreting results.

I affirm that I have attached the following using the syllabus and attachment buttons provided above: (see “?” for help with submission)

Syllabus

Completed proposal worksheet

Assignments (if needed)

4

Additional

Comments:

~~Rationale: GEOL 101 used to be a four credit lecture/lab, it is now split such that GEOL 101 is 3 credits, and the new GEOL 103 is 1 credit.~~

~~"GEOL 103 was created with no Mason Core designation. Since this is the lab component of this sequence and requires that students take GEOL 101 as pre/co requisite, I think this needs the Nat Sci Lab designation and I would like to update this course asap." Tory Sarro~~

Reviewer

Comments

Key: 17296