

Course Change Request

Date Submitted: 01/24/25 9:50 am

Viewing: **GEOL 104 : Historical Geology**

Laboratory

Last approved: 11/05/21 5:26 am

Last edit: 02/21/25 5:53 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. Jun 5, 2020 by Mark Uhen (muhen)
2. Jul 10, 2020 by Tory Sarro (vsarro)
3. Nov 5, 2020 by Tory Sarro (vsarro)
4. Nov 4, 2021 by Tory Sarro (vsarro)
5. Nov 5, 2021 by Tory Sarro (vsarro)

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

No

Effective Term: Fall 2025

Subject Code:

GEOL - Geology

Course Number: 104

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Historical Geology Laboratory

Banner Title: Historical Geology Laboratory

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 102 or GEOL 134 (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 102	C	UG		Yes
Or		GEOL 134	C	UG		Yes
Or		GEOL 102	XS	UG		
Or		GEOL 134	XS	UG)	

Registration**Restrictions****(Updates only):**

Student must have a grade of D or better in GEOL 102 or GEOL 134 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:**

Practical investigation of earth processes in historical context. Topics include sedimentary rocks and principles, deformation and metamorphism, mountain building and plate tectonics, geologic time, fossils, and historical development of continents. Notes: May include field trips.

Justification:

What: Altering the prerequisite.

Why: The default minimum grade for prereqs was a C, but students who take GEOL 102 or GEOL 134 concurrently with GEOL 104 do not need to get a C. We are lowering the minimum grade for the required course when it was taken previously, in order to be consistent with the coreq requirement.

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

[new GEOL 104 syllabus.pdf](#)

Additional Attachments**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:**

Fixing MCOE sync error

Reviewer**Comments**