

Course Change Request

Date Submitted: 09/07/21 11:30 am

Viewing: **GEOL 101 : Physical Introductory**

Geology †

Last approved: 10/30/18 5:14 am

Last edit: 09/07/21 11:30 am

Changes proposed by: muhen

Catalog Pages
referencing this
course

[Biology \(BIOL\)](#)

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

Select modification type:

In Workflow

1. Registrar-Courses:Title Change
2. AOES Chair
3. SC Curriculum Committee
4. SC Associate Dean
5. Assoc Provost-Undergraduate
6. Registrar-Courses
7. Banner

Approval Path

1. 09/07/21 9:14 am
Tory Sarro (vsarro):
Approved for
Registrar-Courses:Title
Change
2. 09/07/21 11:28 am
Mark Uhen
(muhen): Rollback
to Initiator
3. 09/08/21 3:32 pm
Tory Sarro (vsarro):
Approved for
Registrar-Courses:Title
Change
4. 09/08/21 4:21 pm
Mark Uhen
(muhen): Approved
for AOES Chair

History

1. Aug 30, 2017 by pchampan
2. Oct 30, 2018 by Tory Sarro (vsarro)

Simple

Substantial

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

No

Effective Term: Fall 2022

Subject Code: GEOL - Geology

Course Number: 101

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Physical ~~Introductory~~ Geology †Banner Title: Physical ~~Introductory~~ Geology †

Will section titles vary by semester? No

Credits: 3 ~~4~~Schedule Type: Lecture ~~w/Lab~~

Hours of Lecture or Seminar per week: 3

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

Max Allowable Credits:
9 ~~12~~

Default Grade Mode: Undergraduate Regular

Recommended Prerequisite(s):

Recommended Corequisite(s):

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

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

And/Or	(Course/Test Code	Min Grade/Score	Academic Level)	Concurrency?

**Registration
Restrictions
(Updates only):**

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:

We are proposing a separate the lab portion of this course into a separate course, GEOL 103. This was done recently for GEOL 102, separating the lecture (GEOL 102) and lab (GEOL 104), to simplify course administration, and to add more flexibility to students. This has proven to be very successful.

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

Learning Outcomes:

Attach Syllabus
[new GEOL 101 syllabus.pdf](#)

**Additional
Attachments**

Specialized Course**Categories:**

Green Leaf

Mason Core

Select the Mason Core Requirement the course is proposing to fulfill:**Foundation****Courses:****Exploration****Courses:**

Natural Sciences w/Lab

Integration**Courses:**

Green Leaf Course Designation

The proposed
course is
requesting (choose
one):

Sustainability-related designation

Below, include a brief statement regarding how this course meets either the “sustainability focused” or “sustainably related” criteria.

Sustainability-related courses help build knowledge about a component of sustainability or introduce students to sustainability concepts during part of the course. They may complement sustainability-focused courses by providing students with in-depth knowledge of a particular aspect or dimension of sustainability (such as the natural environment) or by providing a focus area (such as renewable energy) for a student’s sustainability studies, or they may broaden students’ understanding of sustainability from within different disciplines.

previously approved

Attach Syllabus

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)

**Additional
Comments:**

**Reviewer
Comments**

Mark Uhen (muhen) (09/07/21 11:28 am): Rollback: Wrong syllabus attached.

Key: 7189