

Course Change Request

Date Submitted: 03/26/20 9:22 am

Viewing: **GEOL 102 : Historical Introductory**

Geology

Last approved: 10/30/18 5:19 am

Last edit: 03/26/20 9:22 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. 03/19/20 3:36 pm
Tory Sarro (vsarro):
Approved for
Registrar-
Courses:Title
Change
2. 03/25/20 11:22 am
Jim Kinter (ikinter):
Rollback to Initiator
3. 03/26/20 11:07 am
Tory Sarro (vsarro):
Approved for
Registrar-
Courses:Title
Change
4. 04/15/20 4:57 pm
Jim Kinter (ikinter):
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 2020

Subject Code: GEOL - Geology

Course Number: 102

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Historical ~~Introductory~~ Geology †

Banner Title: Historical ~~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):
GEOL 101 ~~101-~~

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:

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:

We are altering this existing course to split the lab portion off as a separate course (new proposal for GEOL 104). This will allow students who only need 7 credits of Natural Science (1 lab science, 1 non-lab science) in the Mason core to take this course. We are proposing a title change to help distinguish it better from GEOL 101, which is called Introductory Geology I vs. Introductory Geology II, which is the current title for this course.

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

Learning Outcomes:

Attach Syllabus

[new GEOL 102 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**

Jim Kinter (ikinter) (03/25/20 11:22 am): Rollback: Please make changes per curriculum committee

Key: 7190