Course Change Request

Date Submitted: 02/16/22 5:01 pm

Viewing: GEOL 441 : Great Events in Earth History

Last approved: 05/12/20 4:48 am

Last edit: 02/16/22 5:01 pm

Changes proposed by: jbazaz

Catalog Pages referencing this course

Department of Atmospheric, Oceanic and Earth Sciences

Geology (GEOL)

Select modification type:

Substantial

In Workflow

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

Approval Path

1. 02/16/22 5:05 pm Mark Uhen (muhen): Approved for AOES Chair

History

1. Dec 10, 2019 by Geoff Gilleaudeau (ggilleau)
2. May 12, 2020 by Tory Sarro (vsarro)

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

No

Effective Term: Spring 2022

Subject Code: GEOL - Geology **Course Number:** 441

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Great Events in Earth History

Banner Title: Great Events in Earth History

Will section titles vary by semester? No

Credits: 3

Schedule Type: Seminar

Hours of Lecture or Seminar per week: 3

Repeatable: May only be taken once for credit, limited to 2 attempts (N2)

Max Allowable Credits: 9 ~~6~~

Default Grade Mode: Undergraduate Regular

Recommended Prerequisite(s):
GEOL 101 **and GEOL 103**

Recommended Corequisite(s):

Required Prerequisite(s) / Corequisite(s) (Updates only):
GEOL 102

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		
Or		GEOL 102	XS	UG		

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:

Through 4.5 billion years, Earth has undergone tumultuous changes, from the origin of life and atmospheric oxygenation, to mass extinction events and human evolution. In this seminar-style course, each week will involve an in-depth, student-led discussion on one 'Great Event' that helped shape the course of Earth history. The course is also focused on scientific literacy, with emphasis on reading the primary literature and writing/communicating effectively in a scientific setting.

Justification:

What: Adding GEOL 103 to GEOL 101.
Why: The previously 4-credit GEOL 101 has been decoupled into GEOL 101 (3cr), GEOL 103 (1cr).

What: Move max allowable to 9.
Why: Correcting an error.

Does this course cover material which crosses into another department? Yes

Impacted Departments:

Department
BIOL - Biology
CHEM - Chemistry & Biochemistry

Learning Outcomes:

- Understand the concepts of geologic time and evolution
- Understand how Earth history is read from the rock record
- Be able to summarize the most important events in Earth history
- Be able to read and understand a scientific paper
- Be able to openly discuss scientific concepts and ideas
- Develop proficient scientific writing skills
- Effectively deliver a scientific presentation

Attach Syllabus

GEOL441-541 syllabus.pdf

Additional Attachments

Specialized Course Categories:

Additional Comments:

Reviewer Comments

Key: 16528