

Course Change Request

Date Submitted: 02/05/18 3:58 pm

Viewing: **GEOL 401 : Structural Geology**

Transfer Course(s): GEOL L401

Last edit: 02/05/18 3:58 pm

Changes proposed by: muhen

Catalog Pages referencing this course [Department of Atmospheric, Oceanic and Earth Sciences](#)
[Geology \(GEOL\)](#)

Programs referencing this course [SC-BA-GEOL: Geology, BA](#)
[GEOL: Geology Minor](#)

Select modification type:

Substantial

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

No

Requestor:

Effective Term: Fall 2018

Subject Code: GEOL - Geology

Course Number: 401

Bundled Courses:

Equivalent Courses:

Catalog Title: Structural Geology

Banner Title: Structural Geology

Language of Instruction:

Will section titles vary by semester? No

Is this a physical activity course? ~~No~~

Credits: **4**

Schedule Type: Lecture w/Lab

Hours of Lecture or Seminar per week: 3

Hours of Lab or Studio per week: 3

Hours of Other Contact Hours per week:

Repeatable: May only be taken once for credit (NR)

Max Allowable Credits:

Default Grade Mode: Undergraduate Regular

Recommended Prerequisite(s): ~~GEOL 302, GEOL 317 (grade of C or better in both), and GEOL 304, or GEOL 308 (grade of C or better); MATH 110, MATH 111, or MATH 113.~~

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. 02/05/18 4:15 pm
Jim Kinter (ikinter):
Approved for AOES Chair

**Recommended
Corequisite(s):**

**Required
Prerequisite(s) /
Corequisite(s)
(Updates only):** **GEOL 302, GEOL 317 (grade of C or better in both), and GEOL 304, or GEOL 308 (grade of C or better);
MATH 110, MATH 111, or MATH 113.**

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:** Igneous, sedimentary, and metamorphic rocks in folded, faulted, and metamorphosed terrains. Notes: May include field trips.

Justification: **Students need the knowledge and skills from prerequisite courses to succeed in GEOL 401, thus we are changing the recommended prerequisites to required.**

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

**Impacted
Departments:**

Learning Outcomes:

**Attach Syllabus
(PDFs only)**

**Additional
Attachments (PDFs
only)**

Course Objectives:

**Anticipated
Audience and
Enrollment:**

Offering Frequency:

**Relationship to
Current Offerings
Within
Department:**

**Relationship to
Current Offerings
Outside
Department:**

Relationship to

Programs:

**Relationship to
Existing Programs:**

**Relationship to
Existing Courses:**

**Specialized Course
Categories:**

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

**Foundation
Courses:**

**Exploration
Courses:**

**Integration
Courses:**

Application for RS Designation

Select the requested Research/Scholarship designation:

Discovery of Scholarship (RD)

Select at least one additional SaS learning outcomes which the course meets:

Scholarly Inquiry (RI)

Select any additional SaS learning outcomes which the course meets:

Research Associated (RA)

Select the RS course which your proposed RA course will be associated with:

Research/Scholarship Intensive (RS)

Course must meet at least one of the below methods outcomes:

Select any additional SaS learning outcomes which the course meets:

Describe how the course meets the required student learning outcomes and the selected methods outcome(s):

How will the course be supported by the appropriate subject area librarian?

**Attach Curriculum
Map (PDFs only)**

Please affirm the following:

List Responsible

Faculty Members:

The department has or will have an undergraduate research student learning outcome and will use the data from this course in Academic Program Review.

Green Leaf Course Designation

The proposed course is requesting (choose one):

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

Sustainability-focused courses provide valuable grounding in the concepts and principles of sustainability. These courses educate students about how different dimensions of sustainability relate to and support each other in theory and practice. In addition, these courses help equip students with the skills to weave together disparate components of sustainability in addressing complex issues.

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.

Attach Syllabus (PDFs only)

Arts

Course must meet the first learning outcome:

~~1. Demonstrate an understanding of the relationship between artistic process, and a work’s underlying concept, and where appropriate, contexts associated with the work.~~

Course must meet a minimum of two of the remaining four learning outcomes:

Describe the overall rationale for designating this course as Arts Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Global Understanding

Course must address a minimum of three of the following learning outcomes:

Describe the overall rationale for designating this course as Global Understanding Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Information Technology with Ethics

Course must meet the following learning outcomes:

Describe the overall rationale for designating this course as Information Technology with Ethics Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Information Technology

Course must meet the following learning outcomes:

Course must meet one additional learning outcome:

Describe the overall rationale for designating this course as Information Technology Only Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Ethics

Course must meet the following learning outcomes:

Describe the overall rationale for designating this course as Ethics Only Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Literature

Course must meet at least three of the learning outcomes:

Describe the overall rationale for designating this course as Literature Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each

Natural Sciences with Lab

Course must meet the following learning outcomes:

Describe the overall rationale for designating this course as Natural Sciences with Lab Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Natural Sciences Non-Lab

Courses must meet the following learning outcomes:

Describe the overall rationale for designating this course as Natural Sciences Non-Lab Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Oral Communication

Course must address all of the following learning outcomes:

Describe the overall rationale for designating this course as Oral Communication Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Quantitative Reasoning

Course must address all of the following learning outcomes:

Describe the overall rationale for designating this course as Quantitative Reasoning Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Social and Behavioral Sciences

Course must meet all three learning outcomes:

Describe the overall rationale for designating this course as Social and Behavioral Sciences Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Capstone

Explain how the course meets the expectations that the capstone experience consolidates the knowledge and understanding gained in the student's major, degree, and Mason Core Courses.

Synthesis

Course must meet learning outcomes 1 and 2:

Course must meet one additional learning outcome:

Describe the overall rationale for designating this course as Synthesis Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Western Civilization/World History

Course must meet at least three of the following learning outcomes:

Describe the overall rationale for designating this course as Western Civilization/World History Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Additional
Comments:

Reviewer
Comments

Key: 7235