

Course Change Request

Date Submitted: 02/10/21 11:50 am

Viewing: **GEOL 401 : Structural Geology**

Transfer Course(s): GEOL L401

Last approved: 11/13/20 4:55 am

Last edit: 02/11/21 8:22 am

Changes proposed by: muhen

**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. 02/11/21 8:23 am
Jim Kinter (ikinter):
Approved for AOES
Chair

History

1. Mar 17, 2018 by
Mark Uhen (muhen)
2. Dec 21, 2018 by
Gregory Craft
(gcraft)
3. Jan 8, 2020 by Paul
Betka (pbetka)
4. May 12, 2020 by
Tory Sarro (vsarro)
5. Nov 13, 2020 by
Johanna Riemen
(jriemen)

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

Yes **No**

Requestor:

Name	Extension	Email
Paul Betka	3455	pbetka@gmu.edu

Effective Term: Fall 2021**Subject Code:** GEOL - Geology**Course Number:** 401**Bundled Courses:****Is this course replacing another course?** No**Equivalent Courses:****Catalog Title:** Structural Geology**Banner Title:** Structural Geology**Will section titles vary by semester?** No**Credits:** 4**Schedule Type:** Lecture w/Lab**Hours of Lecture or Seminar per week:** 3**Hours of Lab or Studio per week:** 3

Repeatable: May be only taken once for credit, limited to 3 attempts (N3) **Max Allowable Credits:** 12

Default Grade Mode: Undergraduate Regular**Recommended Prerequisite(s):****Recommended Corequisite(s):**

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

Change ~~Add PHYS 160 and PHYS 161 or PHYS 243 and PHYS 244 (all other prerequisites remain the MATH prerequisite to MATH 110 OR MATH 111 OR MATH 113 Add PHYS 160 and 161 or PHYS 243 and 244 same)~~

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

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?
	(
	(	GEOL 302	C	UG		
Or		GEOL 302	XS	UG		
And	(	GEOL 317	C	UG		
Or		GEOL 317	XS	UG)	
And	(	GEOL 304	C	UG		
Or		GEOL 304	XS	UG)	
)	
Or		GEOL 308	C	UG		
Or		GEOL 308	XS	UG)	
And	(
	(
	(	MATH 110	C	UG		
Or		MATH 110	XS	UG)	
And	(	MATH 111	C	UG		
Or		MATH 111	XS	UG)	
)	
Or		MATH 113	C	UG		
Or		MATH 113	XS	UG)	
And	(
	(
	(	PHYS 160	C	UG		
Or		PHYS 160	XS	UG)	
And	(	PHYS 161	C	UG		
Or		PHYS 161	XS	UG)	
)	
Or	(

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?
	(	PHYS 243	C	UG		
Or		PHYS 243	XS	UG)	
And	(	PHYS 244	C	UG		
Or		PHYS 244	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:

An introduction to both qualitative and quantitative methods of structural geology with emphasis on identifying and analyzing geologic structures in nature as well as learning the fundamentals of geological stress and strain, rock mechanics, and plate tectonics. Notes: field trips may be required.

Justification:

Many students who need to take this course are prevented from doing so by the current MATH prerequisites. This change will ensure all students who need to take this course as part of their degree will be able to do so without special permission from the instructor.

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

Learning Outcomes:

Attach Syllabus

[GEOL401_syllabus.pdf](#)

Additional Attachments

Specialized Course Categories:

Additional Comments:

Reviewer Comments

Key: 7235