

# Course Change Request

Date Submitted: 04/21/22 11:09 am

Viewing: **GEOL 401 : Structural Geology**

Transfer Course(s): GEOL L401

Last approved: 05/11/21 5:01 am

Last edit: 04/21/22 11:09 am

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. 04/21/22 12:46 pm  
Mark Uhen  
(muhen): 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)
6. May 11, 2021 by Mark Uhen (muhen)

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

Yes

**Requestor:**

Name	Extension	Email
<del>Paul Betka</del>	<del>3455</del>	<del>pbetka@gmu.edu</del>
Paul Betka	5302	pbetka@gmu.edu

**Effective Term:** Spring 2022**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 the MATH prerequisite to MATH 110 OR MATH 111 OR MATH ~~113~~ **113**.

**Remove GEOL 317.**

**Allow for concurrent enrollment in GEOL 308.**

**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		
Or		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	)	

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

What: Prerequisite changes: Remove GEOL 317 and make GEOL 308 a corequisite.

Why: The GEOL 317 prerequisite has been deemed not necessary for student success. We're making 308 a corequisite so students can take Igneous and Metamorphic Petrology with Structural Geology. These changes will allow students to enroll in 401 in the spring of the junior year (after Sed. Geology and Mineralogy) and we can more effectively recruit structure-minded undergrad researchers and BAM

candidates.

**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