

Course Change Request

Date Submitted: 02/16/22 4:18 pm

Viewing: **GEOL 504 : Sedimentary Geology**

Last approved: 05/18/21 5:03 am

Last edit: 03/07/22 3:06 pm

Changes proposed by: jbazaz

Catalog Pages referencing this course

[Department of Atmospheric, Oceanic and Earth Sciences
Geology_\(GEOL\)](#)

Select modification type:

In Workflow

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

Approval Path

1. 02/16/22 4:43 pm
Mark Uhen
(muhen): Approved for AOES Chair
2. 02/25/22 11:21 am
Gregory Craft
(gcraft): Approved for SC Curriculum Committee
3. 02/25/22 1:46 pm
Jennifer Bazaz
Gettys (jbazaz): Rollback to AOES Chair for SC Associate Dean
4. 02/25/22 1:53 pm
Mark Uhen
(muhen): Approved for AOES Chair
5. 02/25/22 2:52 pm
Jennifer Bazaz
Gettys (jbazaz): Rollback to AOES Chair for SC

Curriculum

Committee

6. 03/01/22 8:35 am

Mark Uhen

(muhen): Approved

for AOES Chair

History

1. Dec 4, 2019 by
Geoff Gilleaudeau
(ggilleau)
2. Nov 14, 2020 by
Johanna Riemen
(jriemen)
3. May 18, 2021 by
Tory Sarro (vsarro)

Simple

Substantial

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

No

Effective Term: Spring 2022

Subject Code: GEOL - Geology

Course Number: 504

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Sedimentary Geology

Banner Title: Sedimentary Geology

Will section titles vary by semester? No

Credits: 4

Schedule Type: Lecture w/Lab

Hours of Lecture or Seminar per week: 2.5

Hours of Lab or Studio per week: 2.75

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

Default Grade Mode: Graduate Regular

Recommended Prerequisite(s):

Introductory physical geology and mineralogy course during undergraduate study; or permission of instructor.

Recommended Corequisite(s):

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

~~GEOL 101, GEOL 102, and GEOL 302~~

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

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?
	(
	(	GEOL 101	C	UG		
Or		GEOL 101	XS	UG)	
And	(	GEOL 102	C	UG		
Or		GEOL 102	XS	UG)	
And	(	GEOL 302	C	UG		
Or		GEOL 302	XS	UG)	
)	

Registration Restrictions (Updates only):

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Include

Limited to students with a class of Advanced to Candidacy. (SCRRCLS_ONLY_DC)

Limited to students with a class of Graduate. (SCRRCLS_ONLY_GR)

Limited to students with a class of Non Degree (SCRRCLS_ONLY_ND)

Limited to students with a class of Senior Plus (SCRRCLS_ONLY_SP)

Limited to students with a class of Junior Plus (SCRRCLS_ONLY_JP)

Level(s):

Degree(s):

Exclude

Non-Degree Undergraduate Degree students may not enroll. (SCRRDEG_NO_NDU)

School(s):

Catalog

Description:

Introduces sedimentation, sedimentary petrology, facies analysis, and stratigraphy. Notes: May include field trips.

Justification:

What: Removing the required undergraduate prerequisites and inserting more general language.

Why: To ease enrollment into the course.

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

Learning Outcomes:

- Understand how the physical, chemical, and biological characteristics of sedimentary rocks reveal important information about Earth history
- Understand the origin of sedimentary grains and how they are transported by fluids
- Be able to identify sedimentary structures and interpret depositional environments
- Be able to identify both siliciclastic and carbonate rocks in hand sample and thin section
- Understand the concepts of stratigraphy and basin analysis
- Develop proficient skills in geologic field methods

Attach Syllabus

[GEOL 304-504_Syllabus.pdf](#)

Additional Attachments

Specialized Course Categories:

**Additional
Comments:****Reviewer
Comments**

Jennifer Bazaz Gettys (jbazaz) (02/25/22 1:46 pm): Rollback: Sending back to consider if AOES still wants to list UG courses as prerequisites for GR courses. If the reconsidered proposal is received by/around March 18, it can be on the next COSCC agenda.

Jennifer Bazaz Gettys (jbazaz) (02/25/22 2:52 pm): Rollback: Sending back to consider if AOES still wants to list UG courses as prerequisites for GR courses. If the reconsidered proposal is received by/around March 18, it can be on the next COSCC agenda.

Key: 16530