

Course Change Request

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

Viewing: **GEOL 521 : Geology of Energy Resources**

Last approved: 05/18/21 5:01 am

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

Changes proposed by: jbazaz

Catalog Pages referencing this course

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

Select modification type:

Simple

Substantial

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 5:05 pm
Mark Uhen
(muhen): Approved
for AOES Chair

History

1. May 18, 2021 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: 521

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Geology of Energy Resources

Banner Title: Geology of Energy Resources

Will section titles vary by semester? No

Credits: 3

Schedule Type: Lecture

Hours of Lecture or Seminar per week: 3

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

Default Grade Mode: Graduate Regular

Recommended Prerequisite(s):

GEOL 101 **and or** GEOL **103, or GEOL** 102, **and the and** completion of all Mason Core Natural Science **requirements, requirements** or permission of instructor.

Recommended Corequisite(s):

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

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):

Include

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

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

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 Junior Plus (SCRRCLS_ONLY_JP)

Level(s):

Include

Enrollment limited to students with a level of Non-Degree (SCRRLVL_ONLY_ND)

Limited to undergraduate level students. (SCRRLVL_ONLY_UG)

Limited to graduate level students only. (SCRRLVL_ONLY_GR)

Degree(s):

Exclude

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

School(s):**Catalog****Description:**

Survey of global non-renewable and renewable energy resources. Topics include petroleum, natural gas, coal, nuclear, geothermal, solar, wind, and hydro power, and biofuels. Course discusses global production, usage, impacts and future prospects of these resources, and data capture, analysis and modeling of finite resources.

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).

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

Learning Outcomes:**Attach Syllabus****Additional Attachments**

Specialized Course Categories:

Additional Comments:**Reviewer Comments**

Key: 7262