

Program Change Request

New Program Proposal

Date Submitted: 11/17/25 10:56 am

Viewing: : **Geology and Earth Science Minor**

Last edit: 11/17/25 10:56 am

Changes proposed by: jbazaz

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

No

Effective Catalog: 2026-2027

Program Level: Undergraduate

Program Type: Minor

Title: Geology and Earth Science Minor

Banner Title: Geology & Earth Science Minor

Is this a retitling of an existing program? Yes

Existing Program Title: Geology Minor

Registrar's Office
Use Only –
Program Start Term

In Workflow

1. Registrar-Programs:Title Change
2. AOES -Curriculum Committee
3. AOES Chair
4. SC Curriculum Committee
5. SC Assistant Dean
6. Assoc Provost-Undergraduate
7. Registrar:Create Code
8. Registrar-Programs: Duration
9. Registrar-Programs

Approval Path

1. 11/17/25 2:33 pm
Deborah Mcgarrah (dmcgarra):
Approved for Registrar-

**Registrar/OAPI Use
Only – SACSCOC
Status**

 Programs:Title
Change

College/School: College of Science

**Department /
Academic Unit:** Atmospheric, Oceanic, & Earth Sciences

**Jointly Owned
Program?** No

**Is there an
embedded degree
as part of a
program?**

Justification What: Creating a new minor.
Why: We're merging the Geology and Earth Science minors into one.

Catalog Published Information

**Total Credits
Required:** Total credits: 16-20

Registrar's Office Use Only - Program Code:

**Registrar/IRR Use
Only – Program CIP
Code**

**Admission
Requirements:**

**Program-Specific
Policies:**

Policies

Eight credits of coursework must be unique to the minor. For policies governing all minors, see [AP.5.3.4 Minors](#).

Degree This is a Green Leaf program.

Requirements: Students should refer to the [Admissions & Policies](#) tab for specific policies related to this program.

Students must successfully complete the following coursework with a minimum GPA of 2.00.

Geology Core

GEOL 101 & GEOL 103	Physical Geology(Mason Core) and Physical Geology Lab(Mason Core)	4
GEOL 102 & GEOL 104	Historical Geology(Mason Core) and Historical Geology Laboratory(Mason Core)	4
or GEOL 120 & GEOL 121	The Changing Ocean (Mason Core) and The Changing Ocean Laboratory (Mason Core)	
or CLIM 111 & CLIM 112	Introduction to the Fundamentals of Atmospheric Science(Mason Core) and Introduction to the Fundamentals of Atmospheric Science Lab(Mason Core)	
GEOL 302	Mineralogy	4
Total Credits		12

Geology Electives

Select two courses from the following:		4-8
GEOL 301	Geological Field Experience	
GEOL 304	Sedimentary Geology	
GEOL 305	Environmental Geology(Mason Core)	
GEOL 308	Igneous and Metamorphic Petrology	
GEOL 312	Invertebrate Paleontology	
GEOL 313	Hydrogeology	

GEOL 317	Geomorphology(Mason Core).
GEOL 320	Resource Geology
GEOL 325	Planetary Geology
GEOL 332	Paleoclimatology
GEOL 364	Marine Geology
GEOL 401	Structural Geology
GEOL 403	Geochemistry
GEOL 407	Geological Field Mapping
GEOL 420	Earth Science and Policy(Mason Core).
GEOL 441	Great Events in Earth History

Total Credits

4-8

Retroactive
Requirements
Updates:

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Program Outcomes

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Have you reached out to the Libraries to determine whether there are adequate resources to support your program? If not, please email Meg Meiman, Associate University Librarian for Learning, Research, and Engagement at mmeiman2@gmu.edu.

No

OAPI Use Only – Determination of SACSCOC Impact

Comments or Notes



Does this program cover material which crosses into another department?

No

Additional
Attachments

Excel
Reviewer
Comments

Additional
Comments

Is this course required of all students in this degree program?

%wi_required.eshtml%

Key: 1135