

Program Change Request

A deleted record cannot be edited

Program Inactivation Proposal

Date Submitted: 10/06/25 11:42 am

Viewing: **OES : Ocean and Estuarine Science Minor**

Last approved: 05/07/25 11:35 am

Last edit: 10/06/25 11:42 am

Changes proposed by: jbazaz

Catalog Pages
Using this Program

[Ocean and Estuarine Science Minor](#)

No Longer
Accepting Students
Effective Catalog

2026-2027

Rationale for
Inactivation

[What: Inactivating the minor.](#)

[Why: We wish to update the title, which requires inactivation and a new proposal.](#)

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

Effective Catalog: 2026-2027

Program Level: Undergraduate

Program Type: Minor

In Workflow

1. **AOES -Curriculum Committee**
2. **AOES Chair**
3. **SC Curriculum Committee**
4. SC Assistant Dean
5. Assoc Provost- Undergraduate
6. Registrar:Inactivate Code
7. Registrar-Programs

Approval Path

1. 10/30/25 2:45 pm
Barry Klinger
(bklinger):
Approved for AOES - Curriculum Committee
2. 11/05/25 4:32 pm
Mark Uhen
(muhen): Approved for AOES Chair

Title: Ocean and Estuarine Science Minor

Banner Title: Ocean Estuarine Sci Minor

Is this a retitling of an existing program?

Registrar's Office Use Only – Program Start Term

Registrar/OAPI Use Only – SACSCOC Status

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

History

1. Oct 22, 2017 by clmig-jwehrheim
2. Jan 29, 2018 by rzachari
3. Jan 15, 2019 by Tory Sarro (vsarro)
4. May 7, 2025 by Deborah Mcgarrah (dmcgarra)

Catalog Published Information

Total Credits Required: Total credits: 18-22

Registrar's Office Use Only - Program Code:
OES

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

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

Requirements:

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

Core Requirements

GEOL 309	Oceanography	3
Select two courses from the following:		6-7
CLIM 412	Physical Oceanography	
GEOL 363	Coastal Morphology and Processes	
or EVPP 363	Coastal Morphology and Processes	
GEOL 364	Marine Geology	
GEOL 458	Chemical Oceanography	
or CHEM 458	Chemical Oceanography	
BIOL 449	Marine Ecology	
Total Credits		9-10

Additional Courses

Select 9-12 credits from the following: ¹

9-12

<u>CLIM 101</u>	Global Warming: Weather, Climate, and Society(<u>Mason Core</u>).
<u>CLIM 412</u>	Physical Oceanography
<u>GEOL 304</u>	Sedimentary Geology
<u>GEOL 308</u>	Igneous and Metamorphic Petrology
<u>GEOL 312</u>	Invertebrate Paleontology
<u>GEOL 363</u>	Coastal Morphology and Processes
or <u>EVPP 363</u>	Coastal Morphology and Processes
<u>GEOL 364</u>	Marine Geology
<u>GEOL 458</u>	Chemical Oceanography
or <u>CHEM 458</u>	Chemical Oceanography
<u>BIOL 440</u>	Field Biology (up to 4 credits of only marine or estuarine-oriented field courses)
<u>BIOL 449</u>	Marine Ecology
<u>BIOL 450</u>	Marine Conservation
or <u>EVPP 421</u>	Marine Conservation
<u>EVPP 350</u>	Freshwater Ecosystems
<u>EVPP 419</u> & <u>EVPP 420</u>	Marine Mammal Biology and Conservation and Marine Mammal Biology and Conservation Field Course ²
<u>EVPP 536</u>	The Diversity of Fishes
<u>EVPP 581</u> & <u>EVPP 582</u>	Estuarine and Coastal Ecology and Estuarine and Coastal Ecology Laboratory ²
<u>INTS 495</u>	Field-Based Work (up to 4 credits of only marine or estuarine-oriented field courses)
Total Credits	
9-12	

1

Courses taken to satisfy the core requirements above cannot be repeated to count toward the additional courses requirement.

2

If chosen, students must take both the lecture and lab for a total of 4 credits.

Notes

RECR 161 Scuba Diving: Basic is strongly recommended, but is not required.

**Retroactive
Requirements
Updates:**

Program Outcomes

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.

OAPI Use Only – Determination of SACSCOC Impact

Comments or Notes

Does this program cover material which crosses into another department?

No

**Additional
Attachments**

**Reviewer
Comments**

**Additional
Comments**

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

Yes

**Attached
Document**

%attach_document.eshtml%

Key: 9