

Course Change Request

Date Submitted: 11/30/20 3:08 pm

Viewing: **BIOL 309 / EVPP 309 / GEOL 309 :**

Introduction to Oceanography

Transfer Course(s): BIOL L309

Last approved: 01/30/20 4:41 am

Last edit: 11/30/20 3:08 pm

Changes proposed by: muhen

[Biology \(BIOL\)](#)

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

[Department of Biology](#)

[Department of Environmental Science and Policy](#)

[Environmental Science and Policy \(EVPP\)](#)

Select modification type:

In Workflow

1. Registrar-
Courses:Title
Change
2. Registrar
Courses:Crosslisted
3. ESP Chair
4. AOES Chair
5. BIOL
Undergraduate
Representative
6. SC Associate Dean
7. Assoc Provost-
Undergraduate
8. Registrar-Courses
9. Banner

Approval Path

1. 12/01/20 9:11 am
Tory Sarro (vsarro):
Approved for
Registrar-
Courses:Title
Change
2. 12/01/20 9:14 am
Tory Sarro (vsarro):
Approved for
Registrar
Courses:Crosslisted
3. 12/09/20 11:57 am
A. Alonso Aguirre
(aaguirr3):
Approved for ESP
Chair
4. 12/14/20 5:13 pm
Jim Kinter (ikinter):

Approved for AOES
Chair

5. 01/27/21 10:03 am
Geraldine Grant
(ggrant1): Approved
for BIOL
Undergraduate
Representative

History

- 1. Jul 4, 2018 by
Deborah Polayes
(dpolayes)
- 2. Dec 20, 2018 by
Gregory Craft
(gcraft)
- 3. Jan 30, 2020 by
Stephanie Lister
(slister1)

Substantial

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

No

Effective Term: Fall 2020

Subject Code: BIOL - Biology

Course Number: 309

Bundled Courses: EVPP 309
GEOL 309

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: ~~introduction to~~ Oceanography

Banner Title: ~~intro to~~ Oceanography

Will section titles vary by semester? No

Credits: 3

Schedule Type:

Lecture

Hours of Lecture or Seminar per week: 3

Repeatable: May be only taken once for credit, limited to 3 attempts (N3) **Max Allowable Credits:** 9

Default Grade Mode: Undergraduate Regular

Recommended Prerequisite(s):

Two of the following lab sciences courses are required for a total of 8 credits: [GEOL 101 or **102 + GEOL 104**], ~~102~~; [EVPP 108 and 109 or 112 and 113 or 210], CHEM 211 and 213, [BIOL 103 or 213], [PHYS 160 and 161 or 243 and 244].

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):

Level(s):

Degree(s):

School(s):

Catalog Description:

Introduction to chemical, biological, and geological aspects of oceanic environment. May include field trips.

Justification:

The geology program is introducing a 100 level oceanography course with a 3 credit lecture and separate 1 credit lab to better accommodate transfers from Virginia community colleges, and to better accommodate students at Mason who only need 7 credits of Natural Science in their Mason core courses. Given that this course is at the 100 level, it would better be titled Introduction to Oceanography, with this course taught at the 300 level with the title Oceanography. Also, the prerequisites were updated to reflect the change of GEOL 102 from a 4 credit lecture plus lab to separate 3 credit lecture (GEOL 102) and 1 credit lab (GEOL 104)

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

Learning Outcomes:

To introduce the geological, physical, chemical, and biological aspects of the ocean environment. The approach is primarily descriptive, with emphasis on causative factors and interrelationships among physico-chemical and biotic factors.

Attach Syllabus

[GEOL_EVPP_BIOL309_Syllabus_F2019_final.pdf](#)

Additional Attachments

Specialized Course Categories:

Additional Comments:**Reviewer Comments**

Key: 1462