OCEAN AND ESTUARINE SCIENCE MINOR

Banner Code: OES

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This minor is designed for students interested in oceans and coastlines. The fundamental courses include topics in oceanography, physical oceanography, coastal morphology and process, marine geology, chemical oceanography, and marine ecology.

Admissions & Policies

Policies

Eight credits of coursework must be unique to the minor.

For policies governing all minors, see AP.5.3.4 Minors.

Requirements

Minor Requirements

Total credits: 18-22

Students should refer to the Admissions & Policies tab for specific policies related to this program.

Students must successfully complete 18-22 credits with a minimum GPA of 2.00.

Core Requirements

GEOL 309 Introduction to Oceanography 3

Select two from the following: 6-7

GEOL 363 or EVPP 363 Coastal Morphology and Processes

GEOL 364 Marine Geology

GEOL 368 Chemical Oceanography

GEOL 458 Marine Geology

GEOL 458 or CHEM 458 Chemical Oceanography

BIOL 449 Marine Ecology

BIOL 450 Marine Conservation

or EVPP 421 Marine Conservation

BIOL 454 & BIOL 455 Marine Mammal Biology and Conservation

or EVPP 419 & EVPP 420 Marine Mammal Biology and Conservation Field Course

BIOL 440 Field Biology (up to 4 credits of only marine or estuarine-oriented field courses)

EVPP 536 The Diversity of Fishes

EVPP 350 Freshwater Ecosystems

EVPP 419 & EVPP 420 Marine Mammal Biology and Conservation

or EVPP 419 & EVPP 420 and Marine Mammal Biology and Conservation Field Course

EVPP 581 Estuarine and Coastal Ecology

or EVPP 581 & EVPP 582 Estuarine and Coastal Ecology Laboratory

INTS 495 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 towards the additional courses requirement.

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

Notes

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