



Stony Brook **Southampton**

MAR 373

MARINE APEX PREDATORS: ECOLOGY AND CONSERVATION



The removal of apex predators is one of the most pervasive impacts of humans on Earth's ecosystems. In this course we will...

- Review the biology of key marine apex predators,
- Explore how 'top down' processes (predation and intimidation of prey) can influence marine ecosystems
- Review the status of marine apex predators and how this relates to the current state of ocean ecosystems.



**SUMMER
SESSION 1**
MAY 20-31

**SUMMER
SESSION 2**
AUG 1-16

→ **EARN 3 CREDITS IN 2 WEEKS AT THE
STONY BROOK SOUTHAMPTON
CAMPUS**

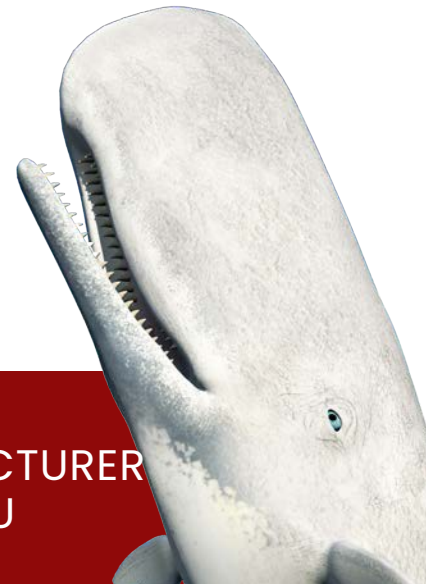
→ **PREREQUISITE: BIO 201 AND EITHER
BIO 202 OR BIO 203**

→ **OPEN TO CURRENT STONY BROOK
STUDENTS AND VISITING STUDENTS**

→ **OPTIONAL HOUSING AVAILABLE**

QUESTIONS?

INSTRUCTOR: MARISSA DEBONIS, SOMAS LECTURER
MARISSA.DEBONIS@STONYBROOK.EDU



MAR 315

MARINE CONSERVATION

S U M M E R 2 0 2 4 6/3-6/14

The fundamental concepts of Conservation Biology, a new synthetic field that incorporates principles of ecology, biogeography, population genetics, systematics, evolutionary biology, environmental sciences, sociology, anthropology, and philosophy toward the conservation of biological diversity. Examples drawn from the marine environment emphasize how the application of conservation principles varies from terrestrial, aquatic, and marine realms.

EXPLORE

Long Island's
beautiful marine
habitats around
Stony Brook
Southampton

EARN

3 CREDITS
IN
2 WEEKS

Optional housing is
available.

ENROLL

PREREQUISITES:
BIO201

DEC: H
SBC: ESI, STAS

QUESTIONS?

Instructor: Marissa DeBonis, SoMAS Lecturer
marissa.debonis@stonybrook.edu



Stony Brook University
*School of Marine and
Atmospheric Sciences*



MAR 395: COASTAL ECOLOGY FIELD METHODS

Spend two weeks at Stony Brook Southampton to develop skills needed to collect and prepare samples from the marine coastal environment using standard field sampling techniques. Each day of the course offers a combination of lectures on ecology, hands-on training, and participation in field data collection for ongoing research projects.

3 CREDITS IN
2 WEEKS

JUNE 17-28

HOUSING
AVAILABLE AT
THE
SOUTHAMPTON
CAMPUS

OPEN TO
CURRENT STONY
BROOK AND
VISITING
STUDENTS



Stony Brook University
School of Marine and
Atmospheric Sciences



Stony Brook Southampton

EMS101

PROSPECTS FOR PLANET EARTH

**EARN 3 CREDITS IN 2 WEEKS
AT STONY BROOK SOUTHAMPTON**

Explore

the scientific, socioeconomic, and political side of environmental issues and human impact on the problems ...and solutions!

Connect

with experts in the field and participate in local restoration projects

Understand

the interconnectedness of earth's climate systems and how to communicate with others about climate change

This course is open to highly motivated high school students, current Stony Brook students, and visiting students. Admission is based on related academic achievement. Students must be at least 16 years old and have completed high school biology.

Optional housing is available.

QUESTIONS?

Instructor:

Marissa DeBonis, SoMAS Lecturer
marissa.debonis@stonybrook.edu



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