

# MARINE BIOLOGY

In this class, you will learn how physical conditions govern life in the sea, how ecological processes influence species distributions, and how humans have disturbed marine ecosystems. You will conduct group and independent projects that will reinforce the lecture material. As part of these projects, you will be trained to collect and analyze ecological data, as well as identify a wide range of marine organisms.

This is a field-oriented course. About a third of this course will be spent in the field, snorkeling reefs and seagrass beds to collect data. You will also be able to explore other habitats, such as mud flats, mangroves, sandy beaches, and oyster reefs.

We will take field trips to sites that span Florida's Atlantic and Gulf coasts, which may include: Sebastian Inlet State Park, Blowing Rocks Preserve, Phil Foster Park, John Pennekamp Coral Reef State Park, Egmont Key State Park, Delnor Wiggins Pass State Park, and St Andrews State Park.

Trips will span multiple days and will occur during the week (M-F).

## ZOO 4403C SUMMER B JUNE 26 - AUGUST 6, 2017

- Instructor: **Lianne Jacobson, Ph.D. Candidate, Biology, UF**
- Credits: **4**
- Maximum students: **13**
- Text: **Marine Biology: function, biodiversity, ecology 4E by Jeffrey S. Levinton**
- Lab Fees: **approximately \$400**

Lab fees cover the travel costs associated with the field trips, which includes park entrance fees, camping fees, and boat rental fees. Lab fees do not cover tuition, food, camping gear, or snorkel gear. If you do not have camping and snorkel gear, you can rent these items through the university. Lab fees will be finalized before the semester begins and will be due the first day of class.

Questions?

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