

BIO 309: Sustainability on the Front Lines of Climate Change

Eleuthera Island, The Bahamas • Fall Semester 2019

Course description

The sustainable management of ecosystems is essential for the long-term preservation of biological and cultural natural resources. Today, tropical and subtropical countries are experiencing a variety of unique environmental challenges, all compounded by the effects of global climate change, including loss of biological diversity, invasive species, food insecurity and freshwater scarcity, soaring energy production and storage costs, and accumulation of waste. The scientific solutions to these intractable problems lie in interdisciplinary research efforts. This travel study course examines real-world sustainability and conservation challenges and solutions in an ecosystem under stress due to global climate change. 3 credit hours.

Course format

During the fall semester, the class will hold six, two-hour pre-trip meetings to orient students to the travel portion of the course. From January 5–17, 2020, students and instructors will visit The Island School at the Cape Eleuthera Institute in the Bahamas. If you plan to graduate in December, be aware that the travel portion of the course and subsequent paper may cause your graduation date to be moved to May.

Course instructors

Dr. Allie Gardner (allison.gardner@maine.edu) and Dr. Brandon Lieberthal (brandon.lieberthal@maine.edu)



For more information contact
Dr. Allie Gardner, allison.gardner@maine.edu