UGA Coastal Summer Semester 2018

Summer Short Session I

June 4 - June 29, 2018 8 credits

Application deadline for full consideration is **January 19, 2018**. The Round 2 deadline is **March 16**. After this date, applications will be reviewed in the order in which they are received, and only if space is available in the program.

A deposit of $200 is required with the application, which will be applied to the program fee. The deposit will be refunded in the event that the application is declined or the student chooses not to take part in the program. In the latter situation, the student must notify Damon Gannon by May 15, 2018 to receive a refund.

Completed and signed application forms and deposit checks (made out to the Department of Marine Sciences) can be delivered to Room 220, Marine Sciences Building or mailed to:

Coastal Summer Semester
c/o Cat Mills
Marine Sciences Building, Room 220
University of Georgia
Athens, GA 30602-3636

Courses

MARS4500 – *Field Study in Oceanography and Marine Methods* (4 credits). Students will be introduced to field and laboratory methods used to investigate marine ecosystems. This course emphasizes methods for identifying and studying marine organisms, oceanographic and coastal marsh sampling, and other field research methods. Major course topics include: organisms of the marine environment; sampling and analytical approaches for studying invertebrates, vertebrates, plants, and plankton; survey tools for the study of marine ecosystems; and data collection from oceanographic vessels. This course satisfies the laboratory course requirement for Biology majors, or can be used as a Biology elective. It satisfies the methods/skills requirement for Ecology majors.

BIOL4960 – *Undergraduate Research in Biology* (4 credits) Students will conduct laboratory and field research conducted under the supervision of a faculty member in biological sciences. This course satisfies the laboratory course requirement for Biology majors, or can be used as a major elective. It satisfies a major elective for Ecology majors.

MARS4510 – *Independent Study in Oceanography and Marine Methods* (4 credits). Students learn to conduct independent field research in marine biology and oceanography under the supervision of a faculty member, gaining hands-on experience with field sampling gear, laboratory instruments, and data analysis tools. With the help of instructors, students design experiments, sample marine environments, and analyze their data. For Biology majors, this course provides upper level elective credit towards the 39-hour Rule. For Ecology majors, it satisfies a major elective requirement.

Students are required to register for MARS4500 and one of the independent research courses. To accommodate hands-on learning, enrollment is limited to 15 students.

Prerequisites

Introductory Biology: BIOL 1107-1107L (Principles of Biology I) and BIOL 1108-1108L (Principles of Biology II)
Introductory Chemistry: CHEM 1211-1211L (Freshman Chemistry I) and CHEM 1212-1212L (Freshman Chemistry II)

Location

Students will be in residence at the UGA Marine Institute (UGAMI) on Sapelo Island, a relatively undeveloped barrier island situated between the Atlantic Ocean and pristine salt marshes. There are fewer than 100 residents on the island. UGAMI has a long history of coastal research and has made significant contributions to understanding the links between uplands, salt marshes, estuaries, and the continental shelf. UGAMI is located within the Sapelo Island National Estuarine Research Reserve (SINERR). During the program, students will take several field trips to other locations on the Georgia Coast.

Costs

Students will be responsible for tuition for 8 credit hours (HOPE can be applied) and applicable UGA fees for off-campus study.

The program fee is $1,750. This covers accommodation for 4 weeks. Dinner will be provided each day. The laboratory fee is $140.

The program fee does not include student travel to and from UGAMI at the beginning and end of the course (i.e., driving to the Sapelo Island ferry on the Georgia Coast). Breakfast and lunch will not be provided, but facilities for food storage and preparation are available.

Non-UGA Students

This program is open to all students, from any college or university, as long as they have taken courses equivalent to the prerequisites listed above. Non-UGA students have to obtain “transient student” status at UGA, and we would be happy to help you navigate that process.

Please contact Dr. Damon Gannon if you have any questions.