USC Dornsife Environmental Studies Program
Catalina Sustainability Semester

Spring 2014 Preliminary Application

Program Information
The USC Dornsife Environmental Studies Program Catalina Sustainability Semester is a situated learning experience for students that are majoring and/or minoring in either environmental studies or biology. Recommended preparation includes completion of ENST 100 or BISC 120L. Students will learn about coastal ecology and management through scientific diving, laboratory and field studies, and personal interaction with marine managers and scientists, while simultaneously gaining a better understanding and appreciation for the Southern California coastal environment.

Students enrolled in the Catalina Sustainability Semester will live and study at the USC Wrigley Marine Science Center for the entire semester (weekend transportation to the mainland is generally available). Rates for room and board are comparable to those on the University Park Campus. Courses are offered in a block format in which a single class meets on a daily basis (i.e., Monday through Friday, although participation in some weekend activities may be required). Each course will run for approximately four weeks, after which another class will take its place (four courses total; see below for details).

Course participants are expected to become scientific diver certified in accordance with the standards of the American Academy of Underwater Sciences (AAUS). As part of this training, the USC Dive Safety Officer or his designee will require each student to submit a completed medical history and dive physical examination. Students will be assessed for water safety and ability to perform ecosystem measurements underwater.

Application Information
The Catalina Sustainability Semester makes a number of demands, which are very likely different from other classes you have taken either at USC or elsewhere. This program has USC faculty as instructors, as well as staff members and volunteers appointed by the USC Diving Safety Officer or his designee. The purpose of this application is to collect some preliminary information from you, and will serve as the first step in the application process. Eligible candidates will be asked to complete a more detailed application, as well as invited for an in-person interview. Preliminary applications are due in the Environmental Studies Program office, SOS B15, no later than Wednesday, September 25, 2013.

2014 Catalina Semester Courses

- ENST 298aLbL: Introduction to Scientific Diving (4 units)
  - Academic preparation in the physics, physiology, safety, and methodology for in-water scientific diving; includes extensive scuba diving component.

- BISC 499L: Conservation Genetics (4 units)
  - Exploration of coastal and marine organism population genetics and the conservation and restoration of genetic diversity.
• **ENST 370: Marine and Coastal Environmental Policy (4 units)**
  o Survey of major environmental policies both international and domestic as they relate to fisheries, shipping, pollution, seaports, and marine protection and management.

• **ENST 310: Sustainable Fisheries Management (4 units)**
  o Examination of scientific, social, political, and economic factors of fisheries management, engaging students in key issues of coastal and marine sustainability.

Students who satisfactorily complete the Catalina Sustainability Semester and meet eligibility criteria (e.g., GPA, SURF, dive physical, water safety, etc.) will have the option to enroll in ENST 480: Integrated Ecosystem Management in Micronesia. This summer course allows students to apply their scientific diver training towards tropical marine ecology and conservation issues on a two-week excursion to Guam and Palau.

*Please be sure that you have read the entire preliminary application and provided the required information below. Your signature indicates that you understand the requirements of the Spring 2014 Catalina Sustainability Semester. Return completed applications no later than Wednesday, September 25, 2013 to the USC Dornsife Environmental Studies Program, 3502 Trousdale Parkway, SOS B15.*

Full Name: ________________________________________

Major(s): __________________________ Minor: __________________________

Email: __________________________ Phone: __________________________

Cumulative GPA: __________ Class Level: __________________________

Do you live in USC housing? (YES or NO) _________________

If YES, what is the name of the facility? ______________________________________

Student Signature: __________________________ Date: __________