

Florida Institute of Oceanography

Study Abroad Summer Course: Field Studies in Marine Science

Florida Institute of Oceanography Offers
Study Abroad in Florida



Field Studies in Marine Science/Biology Summer Course
May 28 – June 29, 2013
4 credits



Who? Any upper level student in the Marine or Biological Sciences is invited. Prerequisites: Introductory Chemistry I, II & Biology I, II.

When? May 28- June 29. Week one background content at home institution, weeks two through five are at various locations around the state. Presentations, evaluations, and final exam during the last week.

Where? Florida Atlantic Univ. (hosted at FIO's Keys Marine Lab), Florida Gulf Coast Univ., Univ. of North Florida, and Univ. South Florida—St. Petersburg.

What type of course? A 5-week, field intensive course designed to expand student knowledge of the biodiversity, geochemistry, and human impact of Florida's coastal and offshore ecosystems through a round-robin trip around Florida to explore marine ecosystems. This course will take students from the reefs of the Florida Keys to the open Gulf of Mexico aboard state-of-the-art research vessels, as well as the shallow tropical estuaries of the western Everglades and the temperate Estuarine and Coastal environments of Northeast Florida.



Students can register through FAU, FGCU, UNF, and USFSP.

For cost and additional information, please contact:

For FAU, Dr. Dennis Hanisak (dhanisak@hioi.fau.edu)
For FGCU, Dr. Michael Savarese (msavarese@fgcu.edu)
For UNF, Dr. Courtney Hackney (chackney@unf.edu)
For USFSP, Dr. Heather Judkins (judkins@mail.usf.edu)



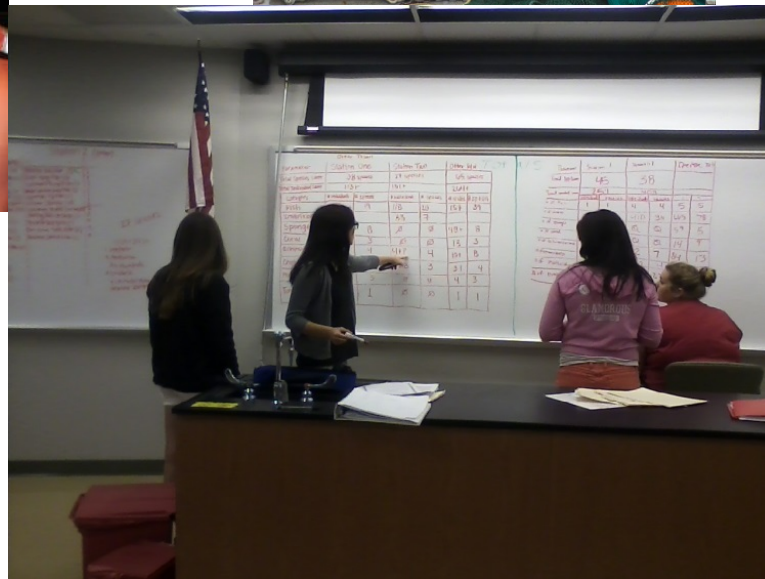
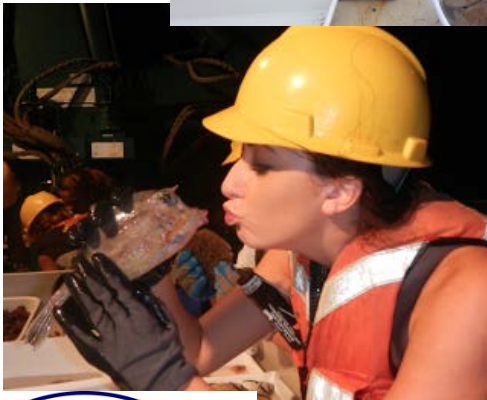
Courtney Hackney, Ph.D., UNF

**Board of Governors,
Academic and Student Affairs Committee Meeting
New College of Florida, Sarasota, September 12th, 2013**

Week 1: Overview of Oceans and Coastal Processes



Week 2: Sampling the Ocean



Week 3: Tropical Estuaries and Mangroves



Week 4: Tropical Reefs and Seagrasses



Week 5: Temporal and Spatial Variability in Coastal Waters



Summer Course Logistics and Hurdles

- **Logistics:**
 - Housing, cafeteria and parking major issues.
 - Two locations did not have cafeterias and students did their own cooking.
- **Administrative Hurdles:**
 - Non-traditional timing.
 - Syllabi requirements varied among universities.
 - Special accounts needed to be established.
 - Grading metrics had to be standardized.



Summer Course Lessons Learned and Student Feedback

- **Lessons Learned:**

- Engage advisors early in the school year.
- Students need to understand how this class fits into their degree program.
- Class size is likely 16 maximum.
- Ideal student is a rising Junior.
- Graduate Teaching Assistant traveling with each cohort is key to success.
- A committed lead instructor at each university.
- Ideally, three faculty at each institution.
- On-line reading materials available on Friday for the next week's topics.

- **Student Feedback:**

- Comingling students from different universities and programs was useful.
- Personal contact and conversations with faculty helped them decide what they wanted to do and what would be necessary to get there.
- Would recommend course to all fellow students.



FIO Mission:

Support Marine Science Education and Research

- FIO Courses in 2014:
 - Summer Course planning underway, including teachers course
 - Winter Course in discussion
- State-supported ship time (SUS Days)
 - Competitive process awarded to SUS faculty.
 - Students are given the opportunity to experience working on a research vessel (primarily R/V Bellows).
- R/V Bellows has 3-4 years life remaining and needs to be replaced



Hosted by:



Questions?



<http://fio.usf.edu>