MARINEQUEST
more than just another day at the beach

“My experience with Oceans 17 only further confirmed my desire and interest to pursue a career in Marine Biology. My time at UNCW was a positive and memorable one and I hope to enroll as a college student there.” - Kendra C.

Oceans 17 provides serious marine science enthusiasts with the chance to conduct laboratory and field-based experimental research and participate in community service projects that benefit our marine environment. In addition to their terrestrial and coastal wetland studies, students will dive into the ocean and learn the ins and outs of scientific SCUBA in either a PADI open water or advanced diving course. Students will use these new skills to collect and interpret data that supports current research being conducted by scientists at UNCW.

Mission: Through hands-on exposure, students will understand the scientific methodology associated with collecting field data, performing experiments and conducting research on, in and around the ocean.

Field Sites:
• Off-shore reefs and shipwrecks
• Local beaches
• Salf marsh
• Fouling community
• Rocky intertidal zone
• UNCW research labs
• NC Aquarium at Ft. Fisher
• UNCW Center for Marine Science

Activities:
• Participate in a day long ocean-based research cruise and gain experience using probeware
• Train in research diving applications and techniques using SCUBA and snorkel
• Analyze phytoplankton and chlorophyll data for a NOAA sponsored program
• Introduction to marine biotechnology using gel electrophoresis to analyze sponge specimens for antibacterial activity
• Conduct a fish community study
• Participate in a community service project that benefits the marine environment
• Learn to operate a professional ROV
• Enjoy a surf lesson and participate in boogie board oceanography
• Kayak to an undeveloped barrier island

www.uncw.edu/MARINEQUEST
**Housing:** Residential students stay in UNCW undergraduate dormitories during their program. Our residential team supervises students from 4 p.m. - 8 a.m. and works together to ensure that every student has a welcoming, safe, educational and fun experience. Age-appropriate roommates will be assigned unless a request is made by both students beforehand. Dorm space is divided so that all male and female rooms are located in separate areas.

**Meals:** The majority of meals will be had in the campus dining hall with the exception of some luches which will be packaged by the dining hall and had off-site. We make every effort to accommodate medically-based dietary needs, but requests must be made in advance.

**Classrooms & Laboratories:** Classes take place in UNCW classrooms, laboratories and at the Center for Marine Science. All laboratory activities are conducted under the safest possible conditions, using goggles and gloves when necessary. Field studies take place at research sites located in various coastal habitats.

**Transportation:** Students are transported to field sites and classrooms in vans or buses driven by trained personnel. Transportation by water is provided on UNCW research vessels and U.S. Coast Guard inspected boats all of which are piloted by licensed captains. When on or near water, students are always accompanied by a lifeguard in addition to the instructional staff.

**Staff:** MarineQuest staff includes scientific faculty, graduate and undergraduate students. Our staff are screened through and pass criminal background checks, are trained in first aid and CPR and attend professional development workshops on working with youth (including behavior management techniques). Our instructional staff meet rigorous academic standards for content know ledge and teaching skills. When appropriate for specific positions, staff are lifeguard certified, trained to lead kayak expeditions, scuba dive certified and attend the UNCW 15 passenger van training. Residential staff receive specialized training in assessing students’ well-being, including supervision of nutrition, sleep needs and conflict resolution. Everyone who works for the program shares a passion and enthusiasm for the marine environment and for working with youth.

For more information or to register, visit [www.uncw.edu/MARINEQUEST](http://www.uncw.edu/MARINEQUEST) e-mail marinequest@uncw.edu or call 910.962.2640