

Department of Biology & Marine Biology – Statistics October 2017

Degree programs

BA Biology
BS Biology (including Terrestrial and Freshwater Conservation track)
BS Marine Biology (including Marine Conservation track)
MS Biology
MS Marine Biology
PhD Marine Biology

Minors

Biology
Neuroscience (interdisciplinary with Psychology)
Biotechnology (proposed; possibly interdisciplinary with Chemistry)

Affiliated Programs

MS Marine Science
PhD Interdisciplinary Coastal Marine Science (with ECU – Schedule C in progress)

Student population

Undergraduate ~870 (~600 Biology, 270 Marine Biology)
Graduate ~ 100 (20 MS Biology, 39 MS Marine Biology, 20 PhD, ~22 MS Marine Science [~13 with BMB advisors])

Faculty and Staff

35 tenure-track (4 with administrative reassignment)
6 full time lecturers
1 research/teaching lecturer; 1 research/teaching postdoc
3 research associates
1 introductory laboratory coordinator
2 academic advisors
4 full time office staff; 1 part time office staff
1 technician
1 greenhouse manager
5 vacant tenure-track positions (searching 4 this year); 2 vacant lecturer positions (searching 2 this year)

Facilities

- Dobo Hall, Friday Hall, Osprey Hall, Center for Marine Science
- Kresge greenhouse
- PPH building (vivarium)
- Oriole Burevitch facility
- Extensive natural history collections (including herpetology, ichthyology, mammalogy and herbarium)
- Biological Imaging Suite (FEI XL-30 FEG SEM, FEI Technai TEM, associated EM preparation including Leica UC7 ultramicrotome and Leica critical point dryer, histological processing- paraffin embedding and sectioning, Leica CM1860 cryostat, 2 stereo microscopes w/ Infinity digital camera, Olympus BX Fluorescent Microscope, Zeiss polarized light stereoscope, Axioskop polarized compound microscope, 3 Confocal microscopes: Olympus FV-1000, Leica SP8 and Olympus Spinning Disk)
- 2 Climate controlled experiment chambers (installed summer 2017)
- Shared equipment facility (PCR, RT-PCR, Gel Doc system, Nanodrop, cooled benchtop centrifuge, Speedvac)
- On campus wet lab facilities

Activity

- ~ 32,000 SCH per year offered in Fall 16-Spring 17 (increase from ~30,000 in 2014-15)
- in AY 2016-17, offered 419 class sections serving 13,530 students
- In 2016-17, faculty (with students) on average (per research-active faculty member): published 3.1 peer-reviewed papers, gave 6.2 presentations at regional, national and international conferences, and maintained ~\$457,000 in new and continuing awards
- Offer >820 SCH of applied learning each year to >360 students.
- Hired 11 new faculty members and 5 new staff members since 2014