

COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES

The College of the Environment and Life Sciences (CELS) supports nationally renowned programs in the life, social, and environmental sciences. As an undergraduate, you can participate in original, applied research; government and corporate internships; national and international exchanges; and research expeditions.

In our Coastal and Environmental Fellows Program, you can collaborate with our world-class faculty to develop new scientific knowledge. You'll receive academic credit and, in many cases, monetary compensation as a research fellow. We encourage you to take advantage of our numerous internships and research and outreach fellowships—as early as your freshman year! For more information, visit uri.edu/cels.



CELS offers 18 majors in the broad fields of biology, human nutrition, earth and environmental sciences, marine policy, and resource economics. You can earn national professional certification in clinical laboratory science, dietetics, wildlife biology, and landscape architecture. The preveterinary option in the animal science and technology major prepares you for admission to veterinary, medical, and graduate schools, or for a career in the life sciences. The biology and microbiology majors provide a solid foundation for medical school. Marine affairs majors are well prepared to enter law school. Majors in geosciences and environmental sciences are prepared for careers in field science, environmental consulting, conservation, planning, and policy.

Because of CELS' strong academic programs, award-winning professors, and commitment to experiential learning through internships and research fellowships, you'll be highly competitive in the job market, whatever major you choose. CELS graduates have advanced to leadership positions throughout the nation.

A typical first semester for a freshman includes:

- 3 credits in an introductory course in your major
- 4 credits in general biology and/or chemistry
- 3 credits in English communication
- 3 General Education credits in social science, fine arts and literature, or foreign language and culture
- 3 credits in mathematics for specific majors



Majors

- Animal Science and Technology, B.S.
- Aquaculture and Fishery Technology, B.S.
- Biological Sciences, B.S.
- Biology, B.A.
- Clinical Laboratory Science, B.S.
- Environmental Economics and Management, B.S.
- Environmental Horticulture and Turfgrass Management, B.S.
- Environmental Science and Management, B.S.
- Geology and Geological Oceanography, B.S.
- Geosciences, B.S.
- Landscape Architecture, B.L.A.
- Marine Affairs, B.A., B.S.
- Marine Biology, B.S.
- Microbiology, B.S.
- Nutrition and Dietetics, B.S.
- Resource Economics and Commerce, B.S.
- Wildlife and Conservation Biology, B.S.

Professional Certification in:

- Clinical Laboratory Science
- Dietetics
- Landscape Architecture
- Wildlife Biology

Preprofessional Options:

- Pre dental
- Pre medical
- Preveterinary

Outstanding Alumni

- Bernard Beaudreau '77**, vice president for development, Global FoodBanking Network
- Paul Marangos, Ph.D. '73**, biotechnology entrepreneur
- Eliza Mazzaferro '91, '93**, doctor of veterinary medicine and author
- Diane Pennica, Ph.D. '77**, senior scientist, Genentech
- Norman Tashash '77**, vice president for sales, Genzyme

Above, URI's Peckham Farm serves as a living laboratory for students majoring in animal science and preveterinary medicine.

Left, CELS students take advantage of opportunities to learn in the field.

Below, URI Coastal Fellows capture fish at a salt marsh in Jamestown, R.I., to assess the availability of food for wading birds.

Bottom, Wanda Hopkins uses the tools of modern molecular biology in URI's biotechnology manufacturing program.

