ROSENSTIEL SCHOOL OF MARINE AND ATMOSPHERIC SCIENCE

Graduate Programs

M.S., Ph.D., M.P.S

ATMOSPHERIC SCIENCE

Students are prepared with the tools necessary to tackle critical research problems in the atmospheric sciences today. Our world-class on-campus facilities prepare our students for successful careers and research opportunities in topics including tropical meteorology, climate dynamics, cloud and aerosol processes, and atmospheric chemistry.

(M.S., Ph.D.)
(M.P.S. in Weather Forecasting, Climate and Society, and Broadcast Meteorology)

MARINE BIOLOGY AND ECOLOGY

Graduate students can choose from a wide range of research areas and field, laboratory, and theoretical coursework taught by an internationally recognized scientist studying corals and climate change, fisheries biology, and conducting biomedical research.

(M.S., Ph.D.)
(M.P.S. in Marine Mammal Science and Tropical Marine Ecosystem Management)

MARINE ECOSYSTEMS AND SOCIETY

Working at the intersection of science and society committed to assessing, managing, and conserving marine resources through innovation and research, our graduate students acquire knowledge and expertise critical to ensuring the sustainability of natural resources.

(M.S., Ph.D., and M.P.S. in Aquaculture, Coastal Zone Management, Exploration Science, Fisheries Management and Conservation, Marine Conservation, and Underwater Archaeology)

MARINE GEOSCIENCES

Focused on studying the geology, geophysics, and geochemistry of the earth system, beneath, within, and above the oceans, students work closely with faculty at the forefront of research on earthquakes, volcanoes, plate tectonics, hydrothermal seafloor vents, and paleoclimate.

(M.S., Ph.D. and certificate program)

METEOROLOGY AND PHYSICAL OCEANOGRAPHY

This program prepares students to conduct cutting-edge research using theoretical, observational, and modeling approaches. The curriculum forms a strong foundation for research on topics including but not limited to, air-sea interaction, the global thermohaline circulation, tropical cyclones, and El Niño.

(M.S., Ph.D.)

OCEAN SCIENCES

Students learn first-hand about methods to measure the ocean using both in-situ and space-based sensors, and about laboratory, analytical, and numerical models to understand oceanic processes. Our students develop into international leaders of ocean research, ommunicators of ocean sciences, and advisors of marine education, policy, and conservation.

(M.S., Ph.D.)
(M.P .S. in Applied Remote Sensing and Natural Hazards and Catastrophes)