A Recognized Leader in Marine & Atmospheric Studies

Our graduate program has over 250 students learning and working alongside actively funded faculty members. Together, they are developing state-of-the-art approaches to today’s most pressing environmental concerns. Students with diverse educational and cultural backgrounds come here to work at one of the world’s most dynamic and innovative academic research hubs.

Program Highlights

- Center for Oceans & Human Health
- Center for Southeastern Tropical Advanced Remote Sensing
- Leonard and Jayne Abess Center for Ecosystem Science and Policy
- National Resource Center of Aplysia
- R.J. Dunlap Marine Conservation Program

Founded: 1943

Accreditations: SACS (Southern Association of Colleges and Schools), National Council of Graduate Schools, Professional Science Master’s program
Master of Professional Science (MPS)

The MPS program is dedicated to students who seek advanced training in marine science and conservation. This accelerated 12-18 month Master’s Degree focuses on business, communications, law and other professional environments. With main focus on field experience, the program is complete with an internship where our students showcase their skills to potential employers.

Our Current Offerings:

- Aquaculture
- Broadcast Meteorology
- Coastal Zone Management
- Computational Meteorology and Oceanography
- Fisheries Management
- Marine Mammal Science
- Oceans and Human Health
- Tropical Marine Ecosystem
- Weather, Climate and Society
- Weather Forecasting

Professional Opportunities

The Rosenstiel School works alongside some of the most respected professional organizations, including the American Geophysical Union, American Meteorological Society and the Consortium for Ocean Leadership. Students regularly win prestigious fellowship opportunities.

- Five out of six University of Miami NSF Graduate Research Fellowships were granted to Rosenstiel School students in 2010.
- Competitive fellowships from: National Science Foundation, National Institutes of Health, American Meterological Society, National Oceanic & Atmospheric Administration, Office of Naval Research, Environmental Protection Agency and University Corporation for Atmospheric Research.
Research Areas

Faculty members who are experts in their respective fields lead the next wave of students who are eager to launch their Master’s and PhD level studies at the University of Miami. Their work focuses in ocean, air and everything in between.

- Fisheries and Marine Ecosystems
- Coral Reef Studies
- Observational Oceanography
- Organism/Environment Interactions
- Remote Sensing
- Atmospheric Physics & Meteorology
- Air–Sea Interactions
- Hurricane Modeling and Prediction
- Chemical Interfaces
- Global Climate Dynamics

The Rosenstiel School promotes its unique potential for interdisciplinary research amongst faculty members as well as students, which allows for many scientific breakthroughs and discoveries.

SUPPORTING OUR SCIENCE

- Department of Homeland Security (DHS)
- National Oceanic and Atmospheric Administration (NOAA)
- National Science Foundation (NSF)
- NOAA Cooperative Institute for Marine and Atmospheric Studies (CIMAS)
- NOAA Atlantic Oceanographic and Meteorological Laboratory (AOML)
- National Aeronautic and Space Administration (NASA)
- Office of Naval Research (ONR)
- World Climate Programme

Campus Life

A huge advantage of student life at the Rosenstiel School, is its friendly student-faculty relationship. This tight-knit community allows students to reach out and receive timely and professional feedback from exceptional faculty and staff members. With a broad array of international students and faculty, the Rosenstiel School can offer an experience that is unparalleled.
Facilities
From field locations and its fleet of boats, the Rosenstiel School strives to provide education and research opportunities that prepare students for the future. Key facilities include:

- **Virginia Key** A 65-acre campus dedicated to marine research and education park that includes two National Oceanic and Atmospheric Administration (NOAA) laboratories.
- **CSTARS** (Center for Southeastern Tropical Advanced Remote Sensing) A state-of-the-art real-time reception and analysis facility to provide data for environmental monitoring from 15 commercial satellites, available 24/7.
- **ICPMS Laboratory** also known as the Neptune Isotope Laboratory is one of only two in the state of Florida. This highly sensitive equipment is capable of determining the elemental composition of rocks, marine sediments, and ocean water.
- **Air-Sea Interaction Salt-Water Tank** (ASIST) Laboratory A unique wind-wave tank used to study physical, chemical and biological processes at or near the air-sea interface.
- **Rosenstiel School Library** One of the foremost marine science libraries in the U.S., the library is part of the University of Miami’s Richter Library which is one of the top 50 academic libraries in the country.
- **Research Stations:** Little Salt Spring, Broad Key, Isabela Island (Galapagos)
- **Coming Soon:** The Marine Technology & Life Sciences Saltwater Research Complex will have nearly 60,000 square feet dedicated to world class research that can change lives.

NOTABLE ALUMNI

- Eric J. Barron, 1980, President of Florida State University, Tallahassee, FL
- Jose Luis Massaferro, 1997, Repsol – YPF, Geosciences Manager, Buenos Aires, Argentina
- Mitchell Roffer, 1987, Founder/President, Roffer’s Ocean Fishing Forecasting Service, Inc. (ROFFSTM), Melbourne, FL
- Johann Besserer, 2006, Co-Founder/President, Isabela Oceanographic Institute, Galapagos

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