



About Us

UNIVERSITY OF MIAMI Rosenstiel School of Marine & Atmospheric Science

The Rosenstiel School of Marine & Atmospheric Science has grown into one of the leading academic, oceanographic and atmospheric research institutions in the world. The School's basic and applied research interests encompass virtually every facet of marine-related sciences. Located on Virginia Key, FL, the School's main campus offers year-round access to the marine environment and forms part of a specially designated 65-acre marine research and education park that is also home to two NOAA laboratories.

Admissions:

http://www.miami.edu/admission/index.php/undergraduate_admission/

Financial Aid:

http://www.miami.edu/index.php/office_of_financial_assistance/ug/

Tours:

<http://www.rsmas.miami.edu/academics/undergraduate/prospective-students/tour-request/>

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UNIVERSITY OF MIAMI
ROSENSTIEL
SCHOOL of MARINE &
ATMOSPHERIC SCIENCE



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<http://rsmas.miami.edu/undergrad/>

University of Miami

Bachelor of Science in Meteorology

Four-Year Undergraduate Degree in Marine and Atmospheric Science



Photo Credit: Alex Goldstein, class of 2013

Bachelor of Science

A rigorous curriculum, small classes (~40 students total program size), and strong faculty involvement prepares students well for both academic and professional futures. UM meteorology students are well represented in the AMS Student Awards. Faculty research quality is recognized internationally. Faculty strengths in hurricane research, tropical meteorology, cloud observations and climate change add depth to the classroom learning. A strong association with the National Hurricane Center and NOAA Hurricane Research Division exposes students to hurricane researchers and internship possibilities.



Hurricane Sandy, Oct. 26, 2012, NASA



Hurricane Isaac, Aug. 28, 2012, NOAA GOES-13

Atmospheric research at UM encompasses atmospheric dynamics, climate science, boundary-layer processes, and remote sensing. Focus areas include hurricanes (modeling, data assimilation, and field observations), tropical meteorology, atmosphere-ocean coupling, cloud processes (observations and modeling), climate and climate change. Many faculty are active in fieldwork.

The Rosenstiel School offers a Bachelor of Science in Atmospheric Science. The Meteorology major includes a Math minor, and a combined RSMAS Meteorology-Math major is also available. A further double major program combining meteorology and broadcast journalism through the School of Communications is well established. A minor in broadcast journalism is also available.

Students have combined meteorology with a full second major in mathematics, physics, or ecosystem science and policy, among others. A five-year program leads to a Master's in Professional Science.

The Bachelor of Science degree program prepares students for further graduate studies as well as for non-academic professional applications. The program follows standards established by the American Meteorological Society (AMS), emphasizing a math and physics background for understanding the physical processes governing the motion and composition of the atmosphere. Undergraduate students are encouraged to work with the faculty and are able to earn course credit and senior theses by conducting research under the supervision of leading scientists in their field. Many undergraduates are active in summer internships held throughout the entire U.S. Study abroad semesters are also popular. An active student atmospheric science club and Honors Society facilitates group travel to conferences, including the annual meeting of the American Meteorological Society and the National Weather Association meeting, and facilitates meetings with professionals.

Prospective students apply through the Office of Admissions and not through the MSC Office. The admissions process at the University of Miami is 'blind' in that undergraduate programs do not review applicant folders.