How will sea level rise, climate change or invasive species affect your community?
Do you want to learn advanced skills and tools to help solve environmental problems?
Are you interested in a career in a Science, Technology, Engineering, or Math (STEM)-related field?

[riptides.sfsu.edu]

Earn your Master of Science (MS) degree in Marine Science through San Francisco State University’s innovative new graduate training program, RIP TIDES, based at the Romberg Tiburon Center for Environmental Studies (RTC).

RIP TIDES MS in Marine Science provides students with in-depth training in interdisciplinary science research, technology, communication and teaching skills, professional internship experience, career development workshops and dedicated program advising. This two year program prepares students for leadership in a variety of science, technology, engineering and math (STEM) related professions, to solve the critical challenges facing urbanized coastal ecosystems in a time of rapid global change.
The Romberg Tiburon Center for Environmental Studies (RTC) is a research and service organization of SF State University whose mission is to support scientific study of the sea and coastal ecosystems. RTC has specialized facilities for marine and estuarine research, easy access to highly productive and diverse ecosystems and is located in a diverse, vibrant & urban coastal community of seven million people. The Center is located on the shore of the Tiburon Peninsula in San Francisco Bay 20 miles north of San Francisco State’s main campus.

**Research projects:** Trainees will formulate interdisciplinary research projects that benefit from the involvement of at least two faculty mentors with active research programs based at RTC. Our faculty have expertise in areas such as climate change, ocean acidification, marine environmental physiology, wetland restoration, impacts of sea level rise, invasive species, estuarine food webs, nutrient and phytoplankton dynamics, population genetics, marine mammal and sea bird conservation, conservation and marine protected areas, benthic-pelagic nutrient cycling, oceanography, carbon biogeochemistry of marine sediments, and marine spatial planning and ecology.

**Professional internships:** Student interns will gain firsthand experience in professional organizations where scientific evidence is applied to benefit society, with an emphasis on environmental issues, including education, management and policy regarding San Francisco Bay and nearby coastal waters.

**Entrance requirements:** Undergraduate degree with minimum 3.0 grade point average (GPA), and at least one upper-division course in marine sciences or demonstrated understanding of marine science topics at the undergraduate level.

**Funding:** All students accepted into the RIP TIDES MS program will be eligible for a National Science Foundation (NSF)-funded Research Traineeship (NRT) fellowship award during their second year. Ten students will be awarded NRT fellowships with a full support package of $34,000 plus full in-state SF State tuition during the second year of the program. Fellowship awards will be announced upon acceptance into the program, but are contingent upon students meeting academic benchmarks during their first year, including maintaining a minimum GPA of 3.5, and completing a research prospectus acceptable to the student’s MS committee. RIP TIDES students without NRT fellowships and first-year fellows may also be supported by individual faculty members’ research grants and departmental teaching assistantships.

**Now accepting applications for Fall 2018!**

For more information on how to apply to the RIP TIDES MS program in Marine Science visit: riptides.sfsu.edu or contact Project Coordinator, Adam Paganini, MS: paganini@sfsu.edu or Graduate Coordinator, Dr. Ellen Hines: ehines@sfsu.edu

The NSF NRT Program is dedicated to effective training of STEM graduate students in high priority interdisciplinary research areas, through a comprehensive traineeship model that is innovative, evidence-based, and aligned with changing workforce and research needs.

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