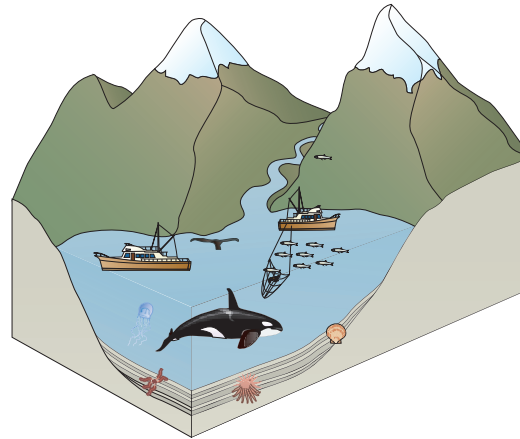


MESAS and IGERT

MESAS is a National Science Foundation (NSF)–funded Interdisciplinary Graduate Education and Research Training (IGERT) program.

- Students collaborate on research that transcends traditional disciplinary boundaries.
- They learn to address the unique challenges of ecosystem-based management and to understand its implications for society.
- The program challenges students to develop innovative approaches to pressing real-world problems.
- Students gain career-developing experience through research, teaching, and internships.
- Students have opportunities to mentor Alaska Native and rural Alaskan undergraduates.



For More Information

please contact the MESAS office:

MESAS Program Coordinator
 Juneau Center, School of Fisheries
 and Ocean Sciences
 17101 Point Lena Loop Road
 Juneau, AK 99801
 (907) 796-5451

mesas.uaf@alaska.edu



UAF is an AA/E0 employer and educational institution. Photos by Ginny Eckert.

www.uaf.edu/mesas

Graduate Program

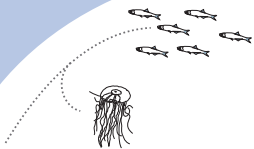


Marine Ecosystem Sustainability in the Arctic and Subarctic



An NSF IGERT PROGRAM

www.uaf.edu/mesas



What Is MESAS?

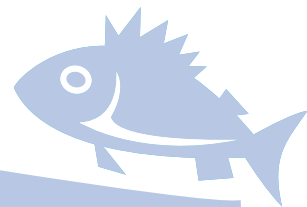
This interdisciplinary graduate program uses case studies, courses, and seminars to teach the fundamental principles and analytical tools of anthropology, ecology, economics, fisheries science, management, marine policy, and oceanography to broadly train students in ecosystem-based approaches to managing and studying living marine resources.

MESAS provides training to graduate students at the master's and Ph.D. levels at the University of Alaska, in Fairbanks and Juneau, Alaska. Students can pursue graduate degrees in Anthropology, Fisheries, Marine Biology, Natural Resources and Sustainability, Oceanography, or Interdisciplinary Studies. NSF-funded fellowships are available to Ph.D. candidates entering the program who are U.S. citizens or permanent residents. Additional funding may be available to Ph.D. and M.S. students through participating departments.



Research Themes

Research associated with MESAS utilizes an ecosystem-based approach, which requires integrated studies of the physical, biological, economic, and social interactions among components of the ecosystem.



MESAS Program Components

In addition to degree-specific requirements, the MESAS program includes the following:

- Interdisciplinary courses to supplement discipline-specific degree requirements
 - Social, Oceanographic and Ecological Perspectives in Marine Ecosystems.
 - Traditional Ecological Knowledge.
 - Marine Ecosystems.
 - Innovative Approaches to Marine Ecosystems Seminar.
 - Regional Sustainability.
 - The North Pacific Fishery Management Council: A Case Study.
 - Course in statistical methods.
- Research and stewardship internship
- Mentor Alaska Native and rural undergraduates
- Visiting scholars
- Annual retreat

Fellowship recipients are guaranteed \$30,000 per year for two years plus tuition, health insurance, and research funding. UAF guarantees a third year of support through a fellowship or teaching assistantship.



Application Process

Eligibility: Applicants for fellowships must be U.S. citizens or permanent residents and must be seeking a Ph.D. degree. Other UAF degree students with an alternate funding source may participate in the program.

To Apply

1. **Review** the MESAS Web site to determine if the theme of this program matches your educational interests and goals.
2. **Contact** one of the MESAS faculty or other UAF faculty with interests in MESAS. Send the faculty member a letter of interest and cc: mesas.uaf@alaska.edu
3. **Apply** for UAF graduate admission in the Ph.D. program in the supporting faculty member's department.
4. **Submit** the following to the MESAS program office (mesas.uaf@alaska.edu) once a faculty member agrees to sponsor your application:
 - Application form (available at our Web site).
 - Resume.
 - A letter from your prospective advisor supporting your application to the program.

For full consideration, submit all documents no later than **January 31** for the following academic year.

UAF is committed to diversity. Women and minorities are encouraged to apply.