

Occupational Endorsement Certificate in Marine Natural Resources Technician

This program is delivered only through the Prince William Sound College.

The Occupational Endorsement Certificate (OEC) in Marine Natural Resources Technician prepares students for careers in marine natural resources and marine science. The mission of the OEC in Marine Natural Resources Technician is to provide students with the skills and knowledge necessary for successful employment at the technician level in marine natural resources and marine science through hands-on training and coursework.

Admission Requirements

- Complete the Admission Requirements for Occupational Endorsement Certificate (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/>)s (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/>).

Special Considerations

- OEC will be offered in a semester-long format, in Valdez. For more detailed information, refer to program website.
- Travel to and work in field settings for some projects.
- Work in inclement weather.
- Work for extended periods of time for some courses.
- Lift up to 22 kilograms for some projects.

Graduation Requirements

- Complete the General University Requirements for Occupational Endorsement Certificates (<http://catalog.uaa.alaska.edu/undergraduateprograms/ocrequirements/>).
- Complete the following major requirements:

Code	Title	Credits
BIOL A124	Biota of Alaska: Selected Topics ¹	3
BIOL A150	Introduction to Marine Biology	3
BIOL A178 & BIOL A179	Introduction to Oceanography and Introduction to Oceanography Laboratory	4
MATH A104 or STAT A200	Technical Mathematics Elementary Statistics	3
Complete 3 credits from the following: ²		3
BIOL A198	Individual Research	
ITEC A295	Industrial Technology Internship	
KIN A112	First Aid and CPR for Professionals	

MT A110	Marine Boathandling and Safety
MT A113	Outboard Engines
OSH A100	Basic Workplace Safety
Total	16

¹ This is a variable-credit, selected topics course. Students must take this course as a 3-credit course specifically offered for this Occupational Endorsement Certificate.

² Other electives may apply with department approval.

A minimum of 16 credits is required for the degree.

Program Student Learning Outcomes

Students graduating with an Occupational Endorsement Certificate in Marine Natural Resources Technician will be able to:

- Complete basic techniques in marine science;
- Demonstrate an understanding of concepts and principles in marine natural resource activities;
- Demonstrate a basic knowledge of marine organisms;
- Demonstrate proficiency in basic math skills.