

Occupational Endorsement Certificate in Natural Resources Technician

The Occupational Endorsement Certificate (OEC) in Natural Resource Technician provides Alaskan students with the skills and knowledge necessary for successful employment at the technician level in natural resources through hands-on training and coursework. Students will learn technical skills from content experts, as well as communicative and social skills required for success in this growing field. They will also interact directly with natural resource management organizations that are in need of skilled technician level employees, facilitating a transition from the program to employment.

Admission Requirements

- Complete the Admission Requirements for Occupational Endorsement Certificates (<https://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/>).
- Complete the Natural Resource Technician student application form.

Special Considerations

- Travel to and work in field settings for some projects.
- Work in inclement weather and/or 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 (<https://catalog.uaa.alaska.edu/undergraduateprograms/oecrequirements/>).
- Complete the following major requirements with a minimum grade of C:

Code	Title	Credits
AGRI A104	Conservation of Natural Resources	3
BIOL A124	Biota of Alaska: Selected Topics ¹	3
GEOG A111	Earth Systems: Elements of Physical Geography	3
Complete one of the following		3
COMM A111	Fundamentals of Oral Communication	
COMM A235	Small Group Communication	
WRTG A110	Introduction to College Writing	
WRTG A111	Writing Across Contexts	
Complete four additional credits from the following: ²		4
EMT A100	Wilderness First Aid	
ITEC A295	Industrial Technology Internship	

KIN A112	First Aid and CPR for Professionals
OSH A100	Basic Workplace Safety
PER A170	Backpack Alaska
UNIV A150	Strategies for College Success
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 relevant electives may be applied with departmental approval.

A minimum of 16 credits is required for the degree.

Program Student Learning Outcomes

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

- Perform relevant field tasks required of natural resource technicians
- Use a broad range of technical tools to document, map, measure, record and analyze data.
- Demonstrate an understanding of concepts and principles in natural resource management
- Demonstrate a practical knowledge of Alaskan ecosystems
- Identify and describe the important physical processes that shape the surface of the earth and produce global patterns.
- Demonstrate proficiency in small group communication and collaboration