

ENVIRONMENTAL STUDIES, B.A.

Juneau

The degree in Environmental Studies offers a broad interdisciplinary approach to considering the environment, preparing students for careers in management, policy, teaching, field-based research, regional planning, and the private sector. The B.A. develops a strong foundation for advanced studies in a wide range of academic disciplines. Students may concentrate in Environmental Studies, or choose to complete the emphasis in Outdoor Studies.

Admission Requirements

Students are admitted to the program after admission to UAS and declaring an Environmental Studies major. Students will be assigned an advisor in the Humanities, Social Science, or Natural Science department depending on their interests. Students should consult with their advisor for course selection and sequencing.

Candidates must complete all UAS General Education Requirements (GERs) (<http://catalog.uas.alaska.edu/general-education-requirements/>), the Alaska Native Knowledge Graduation Requirement (<http://catalog.uas.alaska.edu/certificate-degree-programs/bachelors-degrees/#alaskanativeknowledgegraduationrequirementtext>), and the specific program requirements listed below for a minimum of 120 credit hours. Major requirements can be used to satisfy the Lab Science, Non-Lab Science, and Math GERs. 42 of the 120 credit hours must be at the upper-division level (300 or above), of which 24 must be completed at UAS.

Students should consult with an advisor and select courses that satisfy prerequisites required in this degree program.

Requirement	Hours
Minimum Credit Hours	120
General Education Requirements	34
Alaska Native Knowledge Graduation Requirement	3
Program on the Environment Core	9
Interdisciplinary and Field Courses	6-7
Human Environment	6
Breadth Requirements	9
Emphasis Requirement	15-24
Electives	31-41

Code	Title	Credits
General Education Requirements		
	Complete all General Education Requirements.	34
	Must include 3-4 credits of Alaska Native or other language (not English) ¹	
Program on the Environment Core		

ENVI S120	*Cultures and Environments	3
ENVS S102	*Earth and Environment	4
Select at least two credits of capstone experience:		2

ENVS S491	Environmental Science Internship	
ENVS S498	Research in Environmental Science	
GEOG S498	Research in Geography	
ODS S445	Outdoor Studies Expedition II: Major Expedition ²	

Or advisor approved course

Interdisciplinary and Field Courses

Select six to seven credits of the following:		6-7
ANS S320	AK Native Ecological Knowledge	
ENVI S350	Interdisciplinary Perspectives on Climate Change	
ENVS S475	Field Studies in Environmental Science	
HUM S372	Salmon, Sport, and Society ³	
ODS S372	Mountain Studies: Philosophy, Literature, and Practice ³	
ODS S373	Ocean Studies: Images of the Environment ³	

Or other advisor approved courses

Human Environment

Select six credits of the following:		6
ANTH S312	Culture and Ecology	
ENGL S303	Literature and the Environment ⁴	
ENVI S313	Sustainable Resource Management	
ENVI S360	Alaska: A Contested Geography	
PHIL S371	Perspectives on the Natural World ⁴	
PS S458	Comparative Environmental Politics	

Or other advisor approved courses

Breadth Requirements

Select nine credits of the following:		9
AKL S105	*Beginning Tlingit I	
AKL S106	*Beginning Tlingit II	
AKL S107	*Beginning Haida I	
AKL S108	*Beginning Haida II	
AKL S109	*Beginning Tsimshian I	
AKL S110	*Beginning Tsimshian II	
ANS S101	*Introduction to Alaska Native Studies	
ANS S240	Indigenous Oral Literature	
ANS S260	Alaska Native Organizations and Economies	
ANS S360	Introduction to Federal Indian Law	
ANS S365	Indigenous Social Movements	
ANS S460	ANCSA and Tribal Governance	

ANTH S314	Archaeology of Southeast Alaska
ANTH S342	Arctic Anthropology
ANTH S351	Anthropology of Globalization
ANTH S363	Ethnohistory
ANTH S428	Tlingit Culture and History
ANTH S458	Alaska Native Economic and Political Development
ANTH S475	Alaska Native Social Change
BIOL S271	Ecology
BIOL S373	Conservation Biology
BIOL S480	Aquatic Pollution
CHEM S350	Environmental Chemistry
ECON S435	Natural Resource/ Environmental Economics
ENGL S365	Literature of Alaska: Native and Non-Native Perspectives
ENGL S370	Native American Literature
ENVS S302	Glaciology
ENVS S406	Remote Sensing
ENVS S407	Snow Hydrology
ENVS S410	Advanced Geographic Information Systems
ENVS S414	Biogeochemistry
ENVS S416	Biogeography and Landscape Ecology
ENVS S422	Earth's Climate System
GEOG S101	*Local Places, Global Regions: Introduction to Geography
GEOL S104	*Physical Geology
GEOL S105	*Geological History of Life
GEOL S301	Geomorphology
HUM S370	Sport, Leisure, and Culture ⁵
MATH S460	Mathematical Modeling
PS S313	
SOC S305	Sociology of Food
STAT S200	*Elementary Statistics
Any course found under the Interdisciplinary and Field Courses, Human Environment, or Environmental Processes and Spatial Analysis headings in this degree	
Or other advisor approved courses	
Emphasis Requirement	15-24
Electives ⁶	31-41
Total Credits	120

¹ Three to four credits in a single Alaska Native or other language. With departmental approval, students who study abroad in a language other than English, or who have a documented proficiency in a language (other than English), will be considered to have met their language requirement. Students will need to substitute additional credits to fulfill degree requirements.

² Outdoor Studies Emphasis students should take ODS S445 as their capstone experience.

³ Outdoor Studies Emphasis students should meet the Interdisciplinary and Field Courses requirement by choosing between these courses.

⁴ Outdoor Studies Emphasis students should meet the Human Environment requirement by choosing between these courses.

⁵ This is a required course in the Outdoor Studies Emphasis and will not also count as a breadth requirement for students in this emphasis program.

⁶ To include upper division classes as needed (42 credit minimum). Classes should be selected in consultation with an advisor and students are encouraged to include a minor. No more than 6 credits from the major can be used toward a minor.

Environmental Studies Emphasis

This emphasis represents a deeper concentration in Environmental Studies.

Code	Title	Credits
Environmental Processes and Spatial Analysis		
Select six credits of the following:		6
ENVI S210	Temperate Rainforest Ecosystems	
ENVS S309	Mobile GIS Technology and Applications	
ENVS S338	Introduction to Geographic Information Systems (GIS)	
ENVS S380	Natural Disasters	
GEOL S302	Hydrology	
GEOL S320	Mineral, Energy, and Renewable Resources	
Or other advisor approved courses		
Human Environment		
Select three additional credits from the Human Environment section above		3
Breadth Requirements		
Select six additional credits from the Breadth Requirements section above		6
Total Credits		15

Outdoor Studies Emphasis

In order to enroll in ODS designated courses, students must provide ODS application materials and be accepted into the Outdoor Studies Emphasis Program. Note the Outdoor Studies Emphasis majors have specific courses they should take in their major requirements, and should consult with their advisor for assistance.

Code	Title	Credits
ODS Emphasis Requirements		
ODS S120	Wilderness First Responder	4
ODS S243	Outdoor Studies and Leadership	4
ODS S245	Outdoor Studies Expedition I	3,4
HUM S370	Sport, Leisure, and Culture	3
Outdoor Skills		

Select ten credits of the following: 10

ODS S114	Backpacking in Southeast Alaska
ODS S115	Winter Backpacking in Southeast Alaska
ODS S116	Introduction to Rock Climbing
ODS S117	Introduction to Ice Climbing
ODS S118	Avalanche Evaluation and Theory I
ODS S119	Introduction to Fly Fishing, Tying, and Casting
ODS S133	Introduction to Sea Kayaking
ODS S134	Introduction to Swiftwater Travel
ODS S148	Backcountry Skiing and Snowboarding
ODS S205	Backcountry Navigation
ODS S218	Avalanche Evaluation and Theory Level II
ODS S221	Glacier Travel and Crevasse Rescue Fundamentals
ODS S222	Mountaineering I
ODS S233	Advanced Sea Kayaking ¹
Other approved ODS skills courses	

Total Credits **24-25**

¹ May be repeated for up to 3 credits

1. Use qualitative and quantitative research techniques to gather and analyze data on social, cultural, and ecological problems.

2. Use clear written and oral communication skills to communicate the results of research.

3. Demonstrate connections between everyday life at the local scale and the larger economic, social and/or environmental forces that network them into a global community.

4. Evaluate cultural, social and environmental processes with a particular focus on space and place, critical theory, practical application, analysis and/or social justice.

5. Be able to integrate their understanding of outdoor leisure and recreation with their understanding of geography and environmental studies. As well, they will develop the ability to plan and execute significant multi-week expeditions.