Geography & Environmental Resources

Map your future in Southeast Alaska.

Geography links the physical and social sciences as it explores the interrelationships among the earth’s biophysical systems, and how these systems provide a natural resource base for human communities. Geographers use a mix of traditional and emerging technologies like GIS to study patterns and processes of biophysical and social change including climate change, natural resource distribution, local and traditional ecological knowledge, and ecosystem and geophysical change. The B.S. Geography degree in Environmental Resources at UAS is an immersive educational experience that prepares students for a rich variety of career possibilities in the applied natural-resource sciences, including fields like cartography and remote sensing, land and water resource management, geophysical surveying, public science education, climatological and meteorological surveying, and the earth/ecosystem sciences. The B.S. in Geography combines interdisciplinary classroom training across the sciences, geospatial technology, and a

Recommended High School Preparation
- Math, 2-3 years
- Earth Science, 2-3 years
- Other Natural Sciences, 2-3 years
- History/Social Science, 2-3 years

As well as courses in:
- Political Science
- Computer Applications
- English
- Foreign Language
- Economics

UAS Degrees
Bachelor of Science in Geography & Environmental Resources

Potential Careers
- Cartographer
- GIS / Remote Sensing Analyst
- Land Surveyor
- Urban Planner/Community Development
- Transportation Management
- Climatologist/Meteorologist
- Disaster/Emergency Planner
- Glaciologist / Geologist
- Conservation Scientist
- Forestry/Mining
- Middle and High School Teacher
- Natural Resource Manager

Potential Salaries
$25,000 to $55,000 per year with a bachelor’s degree
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Program information is subject to change. Please visit our Web site at www.uas.alaska.edu for the most current program information.