

# BIOLOGY: Environmental & Ecology, GEOSCIENCE: Environmental & Geology

What can I do with this degree?

AREAS	EMPLOYERS	PREPARATION
<p><b>LAND AND WATER CONSERVATION</b></p> <ul style="list-style-type: none"> <li>• Biology</li> <li>• Ecology</li> <li>• Planning</li> <li>• Geographic Information Systems</li> <li>• Preserve Management</li> <li>• Law</li> <li>• Natural Resource Management</li> <li>• Soil Conservation</li> <li>• Land Acquisition</li> </ul>	<ul style="list-style-type: none"> <li>• Federal, state, and local government</li> <li>• Indian nations</li> <li>• Utilities and timber companies</li> <li>• Consulting firms</li> <li>• Nonprofit organizations</li> <li>• Land trust organizations such as The Nature Conservancy or Trust for Public Land</li> </ul>	<ul style="list-style-type: none"> <li>❖ Get a solid background in the basic sciences while obtaining a broad-based education.</li> <li>❖ Obtain legal, real estate, and financial skills through coursework, internships or part-time jobs.</li> <li>❖ Volunteer through the Student Conservation Association (SCA) and hold an office.</li> <li>❖ Keep up with new funding sources.</li> <li>❖ Consider law school for careers as counsel to environmental organizations.</li> </ul>
<p><b>FISHERY AND WILDLIFE MANAGEMENT</b></p> <ul style="list-style-type: none"> <li>• Aquaculture</li> <li>• Botany</li> <li>• Data Management</li> <li>• Biology</li> <li>• Hatchery Management</li> <li>• Marine Biology</li> <li>• Ecology</li> <li>• Education</li> <li>• Research</li> <li>• Planning</li> </ul>	<ul style="list-style-type: none"> <li>• Federal, state, and local government</li> <li>• Marine sport fisheries</li> <li>• Utility companies</li> <li>• Developers</li> <li>• Timber companies</li> <li>• Wildlife ranges</li> <li>• Scientific foundations</li> <li>• Zoological parks</li> <li>• Hunting and fishing clubs</li> <li>• Consulting firms</li> <li>• Nonprofit organizations</li> </ul>	<ul style="list-style-type: none"> <li>❖ Get a broad scientific education.</li> <li>❖ Obtain skills in areas such as planning, administration, communications, and negotiation through coursework, internships or part-time jobs.</li> <li>❖ Get experience and skills in computers, statistics and computer modeling.</li> <li>❖ Join the Peace Corps as a segue into federal government positions.</li> <li>❖ Get on government agencies' job registers.</li> </ul>
<p><b>PHOTOGRAPHY</b></p> <ul style="list-style-type: none"> <li>• Administration and Management</li> <li>• Recreation Planning</li> <li>• Natural Resource Management</li> <li>• Research</li> <li>• Site Operations and Maintenance</li> <li>• Ecotourism</li> </ul>	<ul style="list-style-type: none"> <li>• National Park Service</li> <li>• Federal agencies</li> <li>• State, county or city parks</li> <li>• Resorts</li> <li>• Marinas</li> <li>• Privately owned facilities</li> <li>• Nonprofit organizations</li> </ul>	<ul style="list-style-type: none"> <li>❖ Get a broad-based education that will develop both technical and interpersonal skills.</li> <li>❖ Gain expertise in additional areas such as communications, writing, fund-raising, negotiation and computer applications.</li> <li>❖ Obtain working knowledge of a foreign language such as Spanish.</li> </ul>
<p><b>FORESTRY</b></p> <ul style="list-style-type: none"> <li>• Consulting</li> <li>• Entomology</li> <li>• Hydrology</li> <li>• Natural Resource Management</li> <li>• Planning, Research</li> <li>• International, Urban Forestry</li> </ul>	<ul style="list-style-type: none"> <li>• Federal, state, and local government</li> <li>• Consulting firms</li> <li>• Timber companies</li> <li>• Nonprofit organizations</li> </ul>	<ul style="list-style-type: none"> <li>❖ Obtain skills with computers, statistics, and accounting through coursework, internships or part-time jobs.</li> <li>❖ Develop good communication and public relations skills.</li> <li>❖ Get a minor or double major in a technical area (soil science, wildlife or surveying) or in an arts and science area (business, economics, political Science or computer science).</li> </ul>

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STRATEGIES	LINKS
<ul style="list-style-type: none"><li>• Environmental studies and environmental science differ from each other in the amount of science course work needed.</li><li>• An environmental study provides a broad base of hard sciences as well as liberal arts or social science coursework.</li><li>• Environmental science incorporates hard sciences and environmental sciences.</li><li>• Choice depends upon career focus, for example, administration or policy-making versus technical areas or research.</li><li>• Combine liberal arts skills with analytical skills to increase employability. Formally, obtain a double major in these areas or minor in one of these areas.</li><li>• Informally, obtain these skills through internships, co-ops, volunteer work, summer jobs or independent research projects.</li><li>• Be familiar with current environmental laws and regulations. Stay up-to-date with changing environmental legislation.</li><li>• Join related professional associations; read related literature and journals to keep up with new developments.</li><li>• Attend seminars, conferences and workshops sponsored by professional associations or public interest groups.</li><li>• Network and get to know people who are working in area of interest.</li><li>• Research agencies/organizations of interest before applying for a position.</li><li>• Learn local, state and federal government job application procedures.</li><li>• Obtain graduate degree for job security/advancement.</li></ul>	<p><a href="#"><u>National Council for Science and the Environment</u></a></p> <p><a href="#"><u>Environment Web Directory</u></a></p> <p><a href="#"><u>Environmental Education Directory</u></a></p> <p><a href="#"><u>Environmental Careers Organization</u></a></p> <p><a href="#"><u>The Ecological Society of America</u></a></p> <p><a href="#"><u>Cyber-Sierra Natural Resources Job Search</u></a></p> <p><a href="#"><u>Environmental Careers Resource Guide</u></a></p> <p><a href="#"><u>Enviro Link</u></a></p> <p><a href="#"><u>Environmental Career Center</u></a></p> <p><a href="#"><u>Environmental Jobs and Careers</u></a></p> <p><a href="#"><u>The Student Conservation Association</u></a></p>