Program Objectives

The program location in the greater Portland, Maine area and Northern New England region facilitates student opportunities to participate with urban and rural communities, addressing a broad range of environmental problems and issues.

As a DES student, you will:

- Receive a rigorous science and policy education foundation comprised of courses, laboratory training, and fieldwork.
- Learn to analyze environmental data and problems in the field and work with diverse community, government, and industry interests.
- Apply knowledge and skills to community environmental projects.
- Work with environmental professionals through our internship program.
- Develop a portfolio that can be shown to prospective employers and graduate schools.

Degrees & Concentrations Offered

Graduation Planner: usm.maine.edu/advising/degreeplanning
Degree Offered: Bachelors of Science
Major Offered: Environmental Science
Minor Offered: Environmental Science
Certificates Offered: Applied Energy, Environmental Education, Environmental Policy Analysis

Department of Environmental Science
Gorham Campus, 106 Bailey Hall
(207) 780-5390
Web Address: usm.maine.edu/environmental-science

Career Possibilities*

Air Pollution Analyst
Aquatic Environmental Scientist
City Planner
Conservation Systems Analyst
Ecologist
Energy Efficiency Consultant
Environmental Journalist
Environmental Lobbyist
Forester
Geologist
Geophysicist
Hazardous Waste Specialist
Horticulturist
Laboratory Analysis Specialist
Landfill Engineer
Marine Mammal Trainer
Mineralogist
Nature Preserve Manager

* Additional education, training or experience may be required.

Acquired Transferable Skills

Attention to Details
Complex Problem Solving
Computer Literacy
Critical Thinking
Data Analysis
Judgment & Decision Making
Organize and Report Data
Reading Comprehension
Technical Writing
Use of Laboratory Equipment

For more information on transferable skills go to: usm.maine.edu/community-engagement-career-development/career-tools
<table>
<thead>
<tr>
<th>AREA</th>
<th>EMPLOYERS</th>
<th>INFORMATION/STRATEGIES</th>
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</thead>
<tbody>
<tr>
<td>Fishery and Wildlife Management</td>
<td>Federal, state, and local govt.</td>
<td>• Develop a broad scientific education.</td>
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<td>Marine Sport Fisheries</td>
<td>• Obtain skills in areas such as planning, administration, communications, and negotiation through coursework, internships, or part-time jobs.</td>
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<td>Developers</td>
<td>• Get experience and skills in computers, statistics and computer modeling.</td>
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<td>Timber Companies</td>
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<td>Wildlife Ranges</td>
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<td>Consulting Firms</td>
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<tr>
<td>Parks and Wildlife Management</td>
<td>National Park Services</td>
<td>• Develop a broad-based education that will develop both technical and interpersonal skills.</td>
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<td>Federal Agencies</td>
<td>• Gain expertise in additional areas such as communications, writing, fund-raising, negotiation, and computer applications.</td>
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<td>State, country, or city parks</td>
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<td>Resorts</td>
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<td></td>
<td>Nonprofit Organizations</td>
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<tr>
<td>Environmental Education and Communication</td>
<td>Federal, state, and local government</td>
<td>• Master public speaking skills.</td>
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<td>Elementary/Middle/High Schools</td>
<td>• Learn certification/licensure requirements for teaching public K-12 schools.</td>
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<td>Colleges</td>
<td>• Develop creative hands-on strategies for teaching/learning.</td>
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<td>Corporations &amp; Consulting firms</td>
<td>• Publish articles in newsletters or newspapers.</td>
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<td></td>
<td>Media</td>
<td>• Learn environmental laws and regulations.</td>
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<td></td>
<td>Nonprofit organizations</td>
<td>• Join professional associations.</td>
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<td></td>
<td>Political Action Committees</td>
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<tr>
<td>Internships</td>
<td>For more information contact the Department Environmental Science.</td>
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<td>usm.maine.edu/cecd</td>
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<tr>
<td>Study Abroad</td>
<td>For more information contact the USM Office of International Programs.</td>
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<td>usm.maine.edu/international/study-abroad</td>
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<tr>
<td>Clubs &amp; Organizations</td>
<td>Environmental Science Student Group</td>
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<td></td>
<td>For a complete list of student organizations:</td>
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<td>webapp.usm.maine.edu/pathways/list</td>
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<td>USM Corporate Partners</td>
<td>The USM Corporate Partners are over 350 business people, from nearly 100 companies.</td>
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*To learn about these areas and much more visit: whatcanidowiththismajor.com/major • © 2011 What Can I Do With This Major

**Enrichment Opportunities**

**Internships**
For more information contact the Department Environmental Science.
usm.maine.edu/cecd

**Study Abroad**
For more information contact the USM Office of International Programs.
usm.maine.edu/international/study-abroad

**Clubs & Organizations**
Environmental Science Student Group
For a complete list of student organizations:
webapp.usm.maine.edu/pathways/list

**USM Corporate Partners**
The USM Corporate Partners are over 350 business people, from nearly 100 companies.
usm.maine.edu/corporatepartners

**Helpful Career Links**

**USMCareerConnections:**
USM’s career network for job and internship searches. usm.maine.edu/community-engagement-career-development/usmcareerconnections

**O*NET OnLine:**
Learn more about a career opportunity by researching it with O*NET. onetonline.org

**Occupational Outlook Handbook:**
Learn more about a career opportunity by researching it with OOH. bls.gov/ooh

**PROFESSIONAL ASSOCIATIONS**
To name a few...
Ecological Society of America
Environmental Protection Agency
National Council for Science and the Environment
National Environmental Health Association
Local Government Environmental Assistance Network
Sierra Club
Society for Conservation Biology

UNIVERSITY OF SOUTHERN MAINE
PORTLAND • GORHAM • LEWISTON • ONLINE

Office of Community Engagement and Career Development • usm.maine.edu/cecd
(207) 228-8091
usmcareers@maine.edu

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