



## What can I do with a major in *Environmental Science*?

### Overview

- Environmental Science is an interdisciplinary major which requires advanced course work in the areas of biology, geology and chemistry. The Environmental Science program has several objectives 1) to provide the student with a solid science foundation balanced with a liberal arts education 2) to provide a foundation in the specifics, theory and concepts of environmental science as a prerequisite for post-graduate study or for positions in government service and industry 3) to develop research skills in the student and 4) to develop in the student a contemporary environmental ethic based on a scientific understanding of natural processes.

### Career Titles

▪ Agricultural Engineer	▪ Environmental Geologist	▪ Life Scientist
▪ Agricultural Scientist	▪ Environmental Health Specialist	▪ Lobbyist
▪ Agricultural Technician	▪ Environmental Impact Analyst	▪ Marine Biologist
▪ Agronomist	▪ Environmental Lawyer	▪ Meteorological Analyst
▪ Air Pollution Analyst	▪ Environmental Lobbyist	▪ Meteorologist
▪ Air Quality Engineer	▪ Environmental Planner	▪ Microbiologist
▪ Air Quality Specialist	▪ Environmental Policy Manager	▪ Natural Resources Specialist
▪ Alternative Energy Specialist	▪ Environmental Protection Specialist	▪ Naturalist
▪ Animal Biologist	▪ Environmental Sanitarian	▪ Oceanographer
▪ Biochemist	▪ Environmental Scientist	▪ Outdoor Trip Leader
▪ Biologist	▪ Environmental Specialist	▪ Parasitologist
▪ Biomedical Engineer	▪ Environmental Toxicologist	▪ Park Naturalist
▪ Biostatistician	▪ EPA Inspector	▪ Park Ranger
▪ Botanist	▪ EPA Statistician	▪ Peace Corps Volunteer
▪ Chemical Laboratory Analyst	▪ Epidemiologist	▪ Photojournalist
▪ Chemical Technician	▪ Farm Manager	▪ Physician
▪ Chemist	▪ Fish & Game Warden	▪ Pollution Control Engineer
▪ City Planner	▪ Fish Farmer	▪ Professor
▪ Civil Engineer	▪ Fishery Scientist	▪ Public Health Inspector
▪ Climatological Specialist	▪ Forensic Scientist	▪ Recycling Policy Analyst
▪ Community Relations Specialist	▪ Forest Products Technologist	▪ Renewable Energy Consultant
▪ Conservationist	▪ Forest Ranger	▪ Restoration Coordinator
▪ Consumer Safety Inspector	▪ Forester	▪ Risk Assessment Specialist
▪ Curator	▪ Fundraiser	▪ Safety Inspector
▪ Earth Scientist	▪ Geochemist	▪ Seismologist
▪ Eco Tour Specialist	▪ Geographer	▪ Soil Scientist
▪ Ecological Risk Assessor	▪ Geographic Data Analyst	▪ Teacher
▪ Ecologist	▪ Geographic Information Systems Analyst	▪ Technical Writer
▪ Engineering Technician	▪ Geologist	▪ Toxicologist
▪ Entomologist	▪ Geophysicist	▪ Urban/Regional Planner
▪ Environmental Activist	▪ Grassroots Coordinator	▪ Veterinarian
▪ Environmental Advocate	▪ Hazardous Materials Specialist	▪ Waste Management Specialist
▪ Environmental Affairs Manager	▪ Horticulturist	▪ Water Quality Specialist
▪ Environmental Analyst	▪ Hydrogeologist	▪ Watershed Ecologist
▪ Environmental Biologist	▪ Hydrologist	▪ Wetlands Ecologist
▪ Environmental Cleanup Technician	▪ Industrial Environmental Manager	▪ Wildlife Conservationist
▪ Environmental Educator	▪ Industrial Hygienist	▪ Wildlife Manager

# Career Services

Connecting Students and Alumni with the World



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- Environmental Engineer
  - Journalist
  - Zoo Caretaker
  - Environmental Film Maker
  - Landscape Architect
  - Zoologist
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## Employers

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|--|---|--|
| ▪ Agribusiness                         | ▪ Food Manufacturers                          | ▪ Paper Mills                            |
| ▪ Aquarium                             | ▪ Foreign Service                             | ▪ Peace Corps                            |
| ▪ Banks                                | ▪ Forest Service                              | ▪ Pharmaceutical Industry                |
| ▪ Biotechnology Research Firms         | ▪ Green House                                 | ▪ Port/Airport Authorities               |
| ▪ Botanical Gardens                    | ▪ Green Peace                                 | ▪ Private Foundations                    |
| ▪ Bureau of Land Management            | ▪ Highway Departments                         | ▪ Private Industry                       |
| ▪ Bureau of Reclamation                | ▪ Insurance Industry                          | ▪ Public Health Service                  |
| ▪ Chemical Manufacturers               | ▪ Land Development                            | ▪ Real Estate Developers                 |
| ▪ Colleges & Universities              | ▪ Landfill                                    | ▪ Recycling Centers                      |
| ▪ Conservation Organizations           | ▪ Landscaping Companies                       | ▪ Resource Management Agencies           |
| ▪ Consulting Firm                      | ▪ Libraries                                   | ▪ School Boards                          |
| ▪ Defenders of Wildlife                | ▪ Local, State, Federal Government            | ▪ Scientific Journals                    |
| ▪ Energy Organizations                 | ▪ Manufacturing Businesses                    | ▪ Soil & Water Conservation Districts    |
| ▪ Environmental Advocacy Groups        | ▪ Mining Operations                           | ▪ State or National Parks                |
| ▪ Environmental Consulting Firms       | ▪ Museums                                     | ▪ Testing Labs                           |
| ▪ Environmental Education Centers      | ▪ National Park Service                       | ▪ Travel/Tourism (Ecotourism Companies)  |
| ▪ Environmental Protection Agency      | ▪ National Science Foundation                 | ▪ US Environmental Protection Agency     |
| ▪ Environmental Public Relations Firms | ▪ National Wildlife Federation                | ▪ US Fish and Wildlife Science           |
| ▪ Environmental Research Organizations | ▪ Nature Conservatory                         | ▪ Waste Management Companies             |
| ▪ Farm                                 | ▪ Newspaper and Magazines                     | ▪ Wastewater Treatment Facilities        |
| ▪ Fisheries                            | ▪ Nonprofit Organizations                     | ▪ Watershed Associations & Conservancies |
| ▪ Food and Drug Administration         | ▪ Occupational Safety & Health Administration | ▪ Wildlife Preserves                     |
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## Skills

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| ▪ Ability to think and solve complex problems across disciplines | ▪ Develop, plan, and carry out environmental programs | ▪ Perceive patterns and structures     |
| ▪ Ability to work in teams to solve problems                     | ▪ Enjoy working outdoors                              | ▪ Precision and accuracy               |
| ▪ Analyze data   | ▪ Evaluate data and results                           | ▪ Question conventions                 |
| ▪ Apply knowledge creatively                                     | ▪ Gather information                                  | ▪ Report results orally and in writing |
| ▪ Apply logic to problems  | ▪ Generate new ideas                                  | ▪ Self-confidence                      |
| ▪ Argue logically  | ▪ Knowledge of lab instruments                        | ▪ Self-disciplined and self-motivated  |
| ▪ Assess risks   | ▪ Knowledge of safety regulations                     | ▪ Societal awareness and sensitivity   |
| ▪ Attention to detail  | ▪ Leadership skills                                   | ▪ Summarize research findings          |
| ▪ Computer literacy  | ▪ Maintain precision and accuracy                     | ▪ Technical writing                    |
| ▪ Conduct scientific studies and provides solutions to problems  | ▪ Mechanical aptitude                                 | ▪ Think independently                  |
| ▪ Creative and inquisitive                                       | ▪ Oral and written communication skills               | ▪ Use laboratory equipment             |
| ▪ Critical thinking  | ▪ Organizational skills                               | ▪ Work well with others                |
| ▪ Define problems  | ▪ Organize and report data                            |  |

## Salary

- NACE (National Association of Colleges and Employers) Summer 2008 Salary Survey Average Offers:
- Environmental Sciences/Studies Bachelor's Degree: **\$38,720**

**The job titles and employers listed below are a sample of the results from the annual St. Norbert College Career Services graduate follow-up survey for the Classes of 2003-2007.**

## Graduate Information: Job Titles

- Environmental Specialist
- National Park Service Intern

## Graduate Information: Employers

- Martenson and Eisele
- Student Conservation Association

## Career Library Resources

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|---|---|
| ▪ Careers for Nature Lovers and Other Outdoor Types | ▪ Outdoor Careers-Exploring Occupations in Outdoor Fields         |
| ▪ Careers in the Environment                        | ▪ The Complete Guide to Environmental Careers in the 21st Century |
| ▪ Great Jobs for Environmental Studies Majors       | ▪ The Directory of Environmental Websites on the Internet         |

For the most current information about Majoring in Environmental Science from Career Services, including links regarding Alumni Profiles, Career Information, Professional Associations, and Jobs and Internships, please visit:

<http://www.snc.edu/career/students/majors/environmentalscience.html>