

What Can I Do With a Major in **ENVIRONMENTAL SCIENCE?**

Environmental science is a multidisciplinary academic field that integrates physical, biological and information sciences designed to study the environment and develop solutions regarding environmental problems.

Environmental science incorporates more of the social sciences for understanding human relationships, perceptions and policies towards the environment. Environmental engineering focuses on design and technology for improving environmental quality in every aspect. Environmental scientists work on subjects like the understanding of earth processes, evaluating alternative energy systems, pollution control and mitigation, natural resource management, and the effects of global climate change. Environmental issues almost always include an interaction of physical, chemical, and biological processes. Different emphasis areas may include lab and field research and consulting, policy and planning, resource management, environmental safety, education and communication.

Typical Coursework

Biology-- General
Calculus
Ecology
Geology
Physics

Biology- Animal
Computers
Environmental Ethics
Microbiology
Statistics

Biology--Plant
Chemistry
Environmental Science
Natural Resources

Skills and Abilities

Reason, analyze and problem solve
Perceive, visualize and compare patterns
Attention to detail
Understand and utilize scientific principals
Write and communicate well
Be aware of possible long-term outcomes and consequences

Related Occupations

Agricultural Scientist
Conservation Biologist
Environmental Advocacy
Environmental Engineer
Fish & Game Wardens
Hazardous Material Worker
Natural Resource Scientist
Park Naturalist

Climate Change Analyst
Ecologist
Environmental Consultant
Environmental Technician
Forensic Science
Mining Engineer
Safety Specialist
Petroleum Engineer

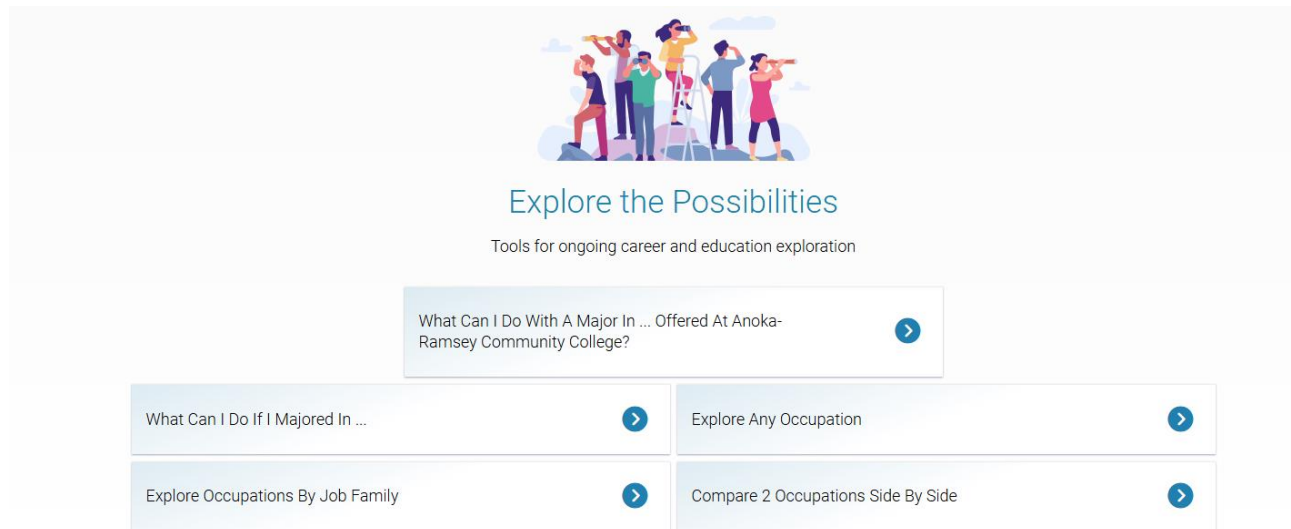
Compliance Officers & Inspector
Energy Auditors
Environmental Education
Fire Protection Technologist
Forestry
Natural Resource Scientist
Occupational Health Specialist
Water Resources

Who hires for this Occupation?

These individuals tend to work for the government, hospitals, military, research firms, consulting, environmental advocacy organizations and colleges & universities.

Focus2

Visit [FOCUS2](#) (use ARCC credentials to sign-in) for more information regarding **related occupations and average salaries** and explore **other related majors**. You can also take **assessments** to match your skills, interests, and values to potential careers and majors.



MN Colleges and Universities with a major in Environmental Science

Augsburg College	*Minnesota State Univ., Mankato
*Bemidji State University	*Minnesota State Univ., Moorhead
Bethany Lutheran College	Saint John's University
Bethel University	Saint Mary's University v. of MN, Mpls.
Carleton College	Saint Mary's University of MN, Winona
College of Saint Benedict	*Southwest State University
College of Saint John's	St. Catherine University
College of St. Scholastic	*St. Cloud State University
Concordia College	St. Olaf College
Concordia University	University of MN, Crookston
Gustavus Adolphus College	University of MN, Duluth
Hamline University	University of MN, Morris
Macalester College	University of MN, Twin Cities
*Metropolitan State Univ	Univ. of Northwestern, St. Paul
	*Winona State University

*Anoka-Ramsey Community College offers an [Environmental Science Pathway Associate of Science Degree](#) with course credits that directly transfer to designated Accounting Bachelor's Degree programs at Minnesota State System Universities.

Search for majors and colleges at [Minnesota State System Colleges and University](#)

Professional Association Links

[American Aquarium and Zoo Association](#)

[American Fisheries Society](#)

[The American Institute of Biological Sciences](#)

[The American Society for Cell Biology](#)

[American Society for Microbiology \(ASM\)](#)

[Associate for the Sciences of Limnology and Oceanography](#)

[Ecological Society of America](#)

[Federation of American Societies for Experimental Biology](#)

[Geological Survey of Biological Resources](#)

[North American Association for Environmental Education](#)

[The Wildlife Society](#)

For More Information

Contact ARCC Counseling (Coon Rapids and Cambridge) at (763) 433-1100 or stop by the campus Information Desk

Information adapted from:

[Minnesota Career Information System](#)

[Occupational Outlook Handbook](#)

[Focus2](#)

[Career Center at the University of North Carolina at Wilmington](#)