

Common Environmental Issues

- Pollution
- Depletion of the ozone layer
- Climate change
- Deforestation
- Destruction of natural habitats

Providing
solutions
to global challenges



Production Efficiency through optimization of productive use of natural resources (materials, energy, water) at all stages of production cycle

Environmental Management through minimization of adverse impacts of industrial production systems on nature and the environment

Human Development through minimization of risks to people and communities, and support to their development

Image from: United Nations Environment Program



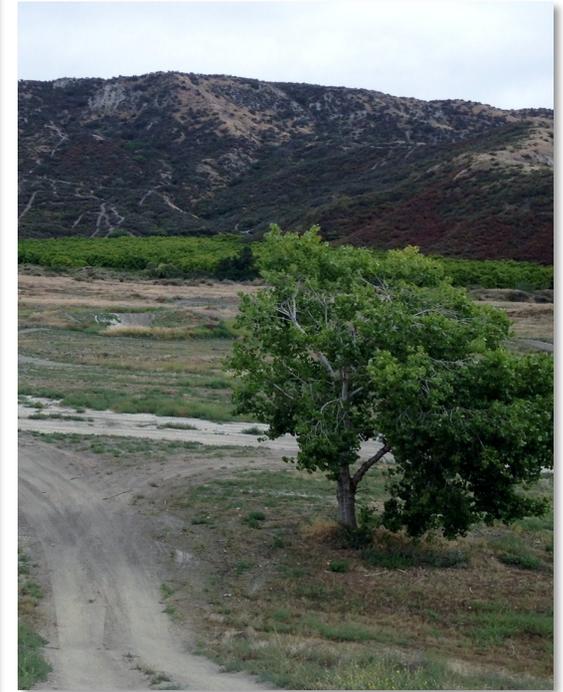
HOW TO STAY FLEXIBLE ON YOUR GREEN CAREER PATH

Focus on developing green skills that are in high-demand across sectors.

The top skills that will give you the most flexibility in your green career are:

- 1 ENVIRONMENTAL BUSINESS, TECHNOLOGY AND PRODUCT DEVELOPMENT
- 2 ENVIRONMENTAL TRAINING AND EDUCATION
- 3 NATURAL RESOURCES PLANNING AND MANAGEMENT
- 4 ENVIRONMENTAL SAFETY
- 5 CORPORATE ENVIRONMENTAL PROGRAM PLANNING AND IMPLEMENTATION
- 6 SITE ASSESSMENT
- 7 WATER QUALITY MANAGEMENT

Image from: ECO Canada



CAREERS IN ENVIRONMENTAL SCIENCE



Image from: Columbia College

What is Environmental Science?

Environmental Science is the branch of biology that studies the physical, chemical and biological factors and their relationship to organisms, humans and the environment. The following are the three main goals in the field of environmental science:

- Learn how the natural world works
- Understand how humans interact with the environment
- Recognize how we as humans affect the environment

Once we learn how everything works together, or does not properly work together, we then develop solutions to find ways to deal with any effects that may be harmful to humans and the environment.

The Path to an Environmental Science Degree

- Graduate with a high school diploma.
- Attend and graduate with a bachelors or Masters degree from an accredited university in Environmental Science.
- Most entry-level jobs require a bachelor's degree in environmental science or a related field such as microbiology, chemistry, physics, geosciences, or engineering. You may want to consider taking additional specialized classes such as hydrology, environmental safety and health or soil chemistry.

Careers Requiring a Bachelors Degree

School Science Teacher
Environmental Researcher
Environmental Technician

Jobs Requiring a Masters Degree

Environmental Scientist
Hydrologist
Science Technician
Land Surveyor

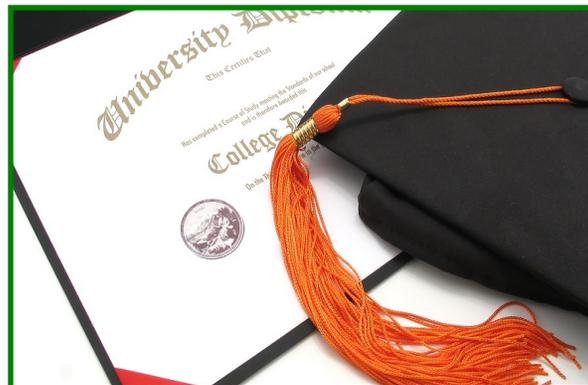


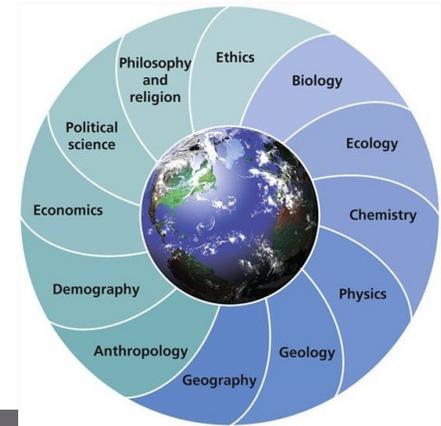
Image from: Bigstock

Tribal Environmental Careers

Most tribes have their own environmental departments that focus on reservation specific environmental needs.

Some careers within the Tribal Environmental Department are:

- Environmental Director/Manager
- Environmental Specialist/Technician
- Water Quality Specialist/Technician



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