

ECOLOGIST

Ecologists study the relationships of organisms and their environment. In addition to their research, they gather data and analyze it for importance. They study environmental problems and determine what caused them and how to improve the situation.

WHAT RESPONSIBILITIES WILL I HAVE?

- Administer field studies to gain information on test subjects
- Analyze collected data through specific software systems
- Conduct environmental impact assessments
- Stay current on environmental laws and regulations
- Construction observation related to ecological receptors
- Wetland determination/delineation and associated reporting
- Survey areas and identify species to record their existence in an area
- Use a GPS for capturing field data
- GIS experience in analyzing, evaluating, and preparing information
- Assess populations of animals to ensure species numbers are not low
- Writing wetland delineation reports, function assessments, mitigation plans, and environmental compliance/permitting documents
- Environmental inspection/monitoring of construction projects
- Coordination with various governmental agencies
- Provide educational programs to the public on how to protect species of plants and animals in their area



WHAT EDUCATION & TRAINING IS REQUIRED?

A Bachelor's degree in biological science, botany or ecology is required

THE FOLLOWING HIGH SCHOOL COURSES ARE RECOMMENDED...

Agricultural education, biology, chemistry, environmental sciences, mathematics, computer courses

TYPICAL EMPLOYERS

Federal & local governments, colleges/universities, research institutions, environmental engineering firms, zoos

FUTURE JOB MARKET/OUTLOOK



SUGGESTED PROFESSIONAL ORGANIZATIONS & ASSOCIATIONS

- Global Water
- Local environmental groups

AVERAGE ANNUAL FULL-TIME SALARY

\$53,000