

ENVIRONMENTAL SCIENCE & PROTECTION TECHNICIAN

An Environmental Science and Protection Technician is responsible for implementing environmental monitoring. This can be done through field and lab tests. Environmental Technicians most commonly help and support the lead environmental scientist.

WHAT RESPONSIBILITIES WILL I HAVE?

- Conduct field sampling of the air, water and soil
- Carry out hazardous goods and waste handling methods
- Develop emergency planning and spill response methods
- Enforcement of environmental law and ethics including recycling and waste minimization
- Taking inventory and quantifying sources of locally-generated pollution
- Preparing reports of lab results for internal and external use
- Classify products and compare test results with standard tables
- Order supplies needed for daily laboratory processes and activities
- Sterilize appropriate laboratory equipment
- Prepare graphs, charts and reports from test results
- Ability to operate laboratory equipment independently
- Perform quality control analysis including tests and inspections of products and processes
- Make recommendations to control or eliminate unsafe conditions at workplaces or public facilities
- Inspect sanitary conditions at public facilities and private property



WHAT EDUCATION & TRAINING IS REQUIRED?

Associate's or Bachelor's degree in natural resources, biology, horticulture, plant physiology or environmental or soil science

THE FOLLOWING HIGH SCHOOL COURSES ARE RECOMMENDED...

Agricultural education, mathematics, earth science, chemistry, biology, botany

TYPICAL EMPLOYERS

Seed companies, crop protection companies, universities, government agencies, consulting firms, research laboratories, museums, field stations, parks and recreation areas

FUTURE JOB MARKET/OUTLOOK



SUGGESTED PROFESSIONAL ORGANIZATIONS & ASSOCIATIONS

- Society for Range Management
- World Association of Soil and Water Conservation

AVERAGE ANNUAL FULL-TIME SALARY

\$34,000