

Environmental Engineer

Description

Environmental engineers investigate issues within the environment and design solutions in areas such as water and air pollution, and waste management. Additionally, they use scientific data and analyze naturally occurring environmental weather patterns to make recommendations for preserving habitats. They also provide training to fellow employees on environmental compliance practices.

Education/Training Requirements

- Bachelor's degree in Agricultural, Chemical, Civil, or Environmental Engineering (required)

Recommended High School Coursework

- Agriculture Education
- Biology
- Botany
- Chemistry
- Earth Science
- Mathematics

Common Responsibilities

- Develop recommendations and regulations to prevent future issues with environmental pollution
- Use scientific data and analyze naturally occurring environmental weather patterns to make recommendations for preserving habitats
- Provide technical support in day-to-day operations of food, ethanol, oil and feed production
- Ensure compliance with environmental regulations
- Create company environmental management system and protocols
- Read and analyze topographical and geological data
- Implement companywide priorities for environmental stewardship
- Train fellow employees on environmental compliance practices

Typical Employers

Environmental engineers are typically employed by plant research companies, food science companies, governmental organizations, schools/universities and environmental organizations.

Additional Resources

[American Academy of Environmental Engineers](#)

[American Society of Agricultural and Biological Engineers](#)

[Association of Environmental Engineering and Science Professors](#)

