

ENVIRONMENTAL ENGINEER

An Environmental engineer is responsible for researching problems within the environment and creating solutions for areas like water and air pollution and waste management.

WHAT RESPONSIBILITIES WILL I HAVE?

- Develop recommendations and regulations to prevent future issues with environmental pollution
- Using scientific data, research 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 maps, drawings, blueprints, aerial photographs, soil composition, terrain, and other topographical and geological data
- Implement companywide priorities for waste minimization and environmental stewardship
- Train fellow employees on environmental compliance practices and requirements



WHAT EDUCATION & TRAINING IS REQUIRED?

Bachelor's or Master's in agricultural, civil, environmental or chemical engineering

THE FOLLOWING HIGH SCHOOL COURSES ARE RECOMMENDED...

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

TYPICAL EMPLOYERS

Research firms, food animal production companies, government organizations, schools/universities and environmental agencies

FUTURE JOB MARKET/OUTLOOK



SUGGESTED PROFESSIONAL ORGANIZATIONS & ASSOCIATIONS

- American Academy of Environmental Engineers
- American Society of Agricultural and Biological Engineers

AVERAGE ANNUAL FULL-TIME SALARY

\$69,000