

Environmental Engineering

Essential Duties and Responsibilities:

- Abilities to solve environmental problems such as water and air pollution, waste disposal, and public health issues
- Knowledge of advanced principles of biology, chemistry, and environmental science to protect wildlife and natural resources as well as human life
- May be required to inspect and evaluate industrial and municipal facilities and programs to assess their compliance with environmental regulations
- Work with environmental scientists, planners, hazardous waste technicians, engineers, and other specialists to address environmental problems
- Prepare, review, and revise environmental regulations and recommendation reports and monitor the progress of certain environmental programs
- May be required to travel to project locations

Education:

- Bachelor's degree in engineering is required for any position in environmental engineering
- Master's and doctoral programs in environmental engineering, or in environmental science and technology may be required depending on the job requirements

Required Experience:

- Experience managing operations, resource and personnel
- Knowledge of and experience with environmental regulations
- Knowledge of analytical and scientific software, compliance software, and graphic imaging and CAD technology

Preferred Experience:

- Background in quality assurance, document control, and configuration management
- Experience with mechanical, electrical, software, IT, requirement documentation
A professional engineer (PE) license (must have a degree from an accredited engineering program, four years of relevant work experience, and a passing score on a state examination)

Skills and Abilities:

- Excellent written and oral communication skills
- Excellent interpersonal skills with the ability to negotiate with and direct others
- Highly organized with the ability to multitask