

# ENVIRONMENTAL ENGINEER

**AVERAGE SALARY:**

**\$76,434**

## EDUCATIONAL REQUIREMENTS:

Bachelor's of Science in Environmental Engineering, or a related field, such as civil, chemical, or general engineering  
Advanced Education: Master's Degree or PhD in Environmental Engineering



## RELATED HIGH SCHOOL CLUBS:

Environmental Science Club, Green/Nature Club, Wildlife Club



## RELATED HIGH SCHOOL CLASSES:

Chemistry, Biology, Physics, and Math, including Algebra, Trigonometry, and Calculus

- ## ON THE JOB
1. Advise corporations and government agencies about procedures for cleaning up contaminated sites
  2. Design projects leading to environmental protection, such as water reclamation facilities, air pollution control systems, and operations that convert waste to energy
  3. Monitor the progress of environmental improvement programs
  4. Collect and analyze environmental data
  5. Study human influences on the environment
  6. Evaluate the environmental impact of specific commercial projects or operations



## RELATED CAREERS:

Environmental Scientist, Chemical Engineer, Civil Engineer, Hydrologist

- ## EXAMPLES OF EMPLOYERS
1. AECOM Technology Corporation (Architecture, Engineering, Consulting, Operations, and Maintenance) is an engineering firm that develops and implements innovative solutions to the world's most complex challenges, like delivering clean water and restoring damaged environments.
  2. HDR, Inc is a consulting firm that specializes in providing innovative engineering, architecture, environmental and construction services.
  3. Jacobs Engineering Group is one of the largest providers of technical, professional, and construction services to industrial, commercial, and governmental clients around the world, like designing highways, bridges and airports.
  4. Bechtel is a constructional company focusing on reducing a company's environmental footprint.



## FUN FACTS:

- Recycling one aluminum can saves enough energy to run a TV for three hours!
- Every day, American businesses generate enough paper to circle the earth 20 times!
- Scientists in London are trying to clean the air and produce sustainable food at the same time. They are working on a "BioSolar Leaf," kind of like solar panels covered in algae. Then the protein that the algae produces can be used to make food and at the same time it turns CO<sub>2</sub> into O<sub>2</sub> faster than trees!