

BACHELORS ENVIRONMENTAL ENGINEERING

TOP INDUSTRIES

1. Civil & Construction
2. Consulting
3. Government/Military
4. Education/Academia
5. Automobiles & Parts

SAMPLE JOB TITLES

- Civil Engineer
- Energy Analyst
- Environmental Designer
- Environmental Engineer
- Environmental Health & Safety DP Professional
- Environmental Scientist
- Geotech Project Manager
- Project Engineer
- Staff Engineer
- Transportation Engineer
- Water Resources Engineer

TOP HIRING COMPANIES



SAMPLE HIRING COMPANIES

- Ahtna Environmental
- Arch Environmental
- ASTI Environmental
- Brindley Pieters & Associates
- Clark Construction Co.
- Clark Construction Gr.
- CMC Solutions
- Detroit Water and Sewerage Department
- Ecosystem Planning and Restoration
- Environmental Protection Industries
- Environmental Working Group
- Fishbeck
- G2 Consulting Group
- Giffels Webster
- Infrastructure Alternatives
- Lamp Rynearson
- LANGAN
- MDOT
- Michigan Department of Environment, Great Lakes, and Energy
- Owens Corning
- Pacific Northwest National Laboratory
- Pond & Company
- Prein&Newhof
- Slipstream
- Somat Engineering
- Stantec
- Sumpter Solar
- Tetra Tech
- Town of Mt. Pleasant
- U.S. EPA
- Wells Fargo
- West Monroe
- Wood

FULL TIME ANNUAL SALARY

Average: \$60,020

Min
\$50,050

Median
\$60,000

Max
\$75,000

INTERN MONTHLY SALARY

Average: \$3,096

Min
\$2,167

Median
\$3,120

Max
\$4,333

Industry, Company, and Salary Data are from 2021-2022. Job Titles are from 2019-2022.
Visit career.engin.umich.edu/career/salary-info for more comprehensive data.

BACHELORS ENVIRONMENTAL ENG

SAMPLE ELEVATOR PITCH

Hello, my name is [NAME]. I'm a junior studying environmental engineering seeking an internship in water research.

For the past two years, I've worked on a project with BLUElab aimed at monitoring water quality in the Great Lakes and proposing various water purification methods. This semester, I'm also conducting research on campus where I am overseeing tests for a wastewater treatment project.

I think my experience in water quality and developing effective test procedures would make me a good fit for an internship with your company. Would you be able to tell me more about your internship program?

SAMPLE IMPACT STATEMENT

Before – Mapped and analyzed air quality results

After – Tested and analyzed air quality results across downtown Detroit to determine locations most in need of targeted air pollution reduction strategies

KEY COURSES

ENGR 100 – Project based course for first year engineering students. Discuss what leadership and design skills you gained from the project.

CEE 365 – Environmental Engineering Principles is widely used across all subdisciplines

CEE 366 – Environmental laboratory to analyze data of air quality, water quality, and soil properties

CEE 482 – Environmental Microbiology includes applications of environmental biotechnology

CEE 402 – Senior design course working in teams to analyze a real-world site

KEY SKILLS

AutoCAD Civil 3D – CAD software used in one course and in most drafting work with consultants

HEC-RAS/HEC-HMS – Computer program that models water flow hydraulics

GIS – Mapping software beginning to be more widely used with hydrology and hydraulics

Bluebeam – Software used to review and markup plans.

SAMPLE EXTRACURRICULARS

American Society of Civil Engineers (ASCE)

Climate Blue

Citizen's Climate Lobby

Grid Alternatives

Aquaponics

Chi Epsilon - Civil and Environmental Engineering Honor Society

Network for Women in Civil & Environmental Engineering

Climate Action Movement

Environmental Engineering Student Association

Design Teams - BLUElab, MESI

