

BACHELORS ENVIRONMENTAL ENGINEERING

TOP INDUSTRIES

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

SAMPLE JOB TITLES

- Associate Engineer
- Civil Engineer
- Energy & Utility Consultant
- Energy Markets Analyst
- Environmental Designer
- Environmental Engineer
- Geotech Project Manager
- Research Associate
- Water Infrastructure Engineer
- Water Resources Engineer

TOP HIRING COMPANIES



SAMPLE HIRING COMPANIES

- AECOM
- Anchor QEA
- Arch Environmental
- Aristeo
- ASTI Environmental
- Burns & McDonnell
- C2AE
- City of Warren, MI
- Clark Construction Co.
- Clark Construction Group
- Detroit Water and Sewerage Department
- DTE Energy
- Ecosystem Planning and Restoration
- ECT
- Fishbeck
- G2 Consulting Group
- GE Healthcare
- Giffels Webster
- HDR
- Hensel Phelps
- Huron River Watershed Council
- Infrastructure Alternatives
- Lamp Rynearson
- MacLean-Fogg
- Magna
- Michigan Dept. of Environment, Great Lakes, and Energy
- Michigan Dept. of Natural Resources
- NextEra Energy
- OHM Advisors
- Owens Corning
- Pond & Company
- Prein&Newhof
- Slipstream
- SmithGroup
- Stacy and Witbeck
- Stantec
- Tetra Tech
- U.S. Army Corps of Engineers
- U.S. EPA
- U.S. Forest Service
- Urban Engineers
- Utopian Power
- Wade Trim Group
- Wells Fargo
- West Monroe Partners
- Wood

FULL TIME STARTING ANNUAL SALARY

Average: \$68,875

Min
\$62,000

Median
\$68,750

Max
\$77,500

INTERN HOURLY SALARY

Average: \$19.70

Min
\$17

Median
\$20

Max
\$22

Salary Data are from Academic Year (AY) 2023. Job Titles, Companies, and Industries are from AY 2021- 2023. 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; widely used across all subdisciplines

CEE 366 - Environmental Engineering Lab; 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

