

BACHELORS CIVIL ENGINEERING

TOP INDUSTRIES

1. Civil & Construction
2. Government/Military
3. Industrial Engineering & Transportation
4. Education/Academia
5. Consulting

SAMPLE JOB TITLES

- Associate Researcher
- Civil Design Engineer
- Civil Engineer
- Construction Engineer
- Estimating Analyst
- Field Engineer
- Highway Design Engineer
- Project Controls Specialist
- Project Engineer
- Roadway Designer
- Structural Engineer
- Traffic and Safety Engineer
- Traffic Engineer

TOP HIRING COMPANIES



SAMPLE HIRING COMPANIES

- Arizona Public Service
- Brasfield and Gorrie
- Burns & McDonnell
- DKS Associates
- FK Engineering
- Fleis & VandenBrink
- G2 Consulting Group
- GEI Consultants
- Hanson
- HNTB
- Howard I. Shapiro & Associates
- Hubbell, Roth & Clark
- Kiewit
- KPFF Consulting
- Lendlease
- Mortenson
- Owen-Ames-Kimball
- Power Engineers
- Passero Associates
- Simpson Gumpertz & Heger
- SME USA
- Somat Engineering
- SSOE Group
- Stantec
- STRUCTURAL
- Tetra Tech
- The Boring Company
- THRIVE Collaborative
- U.S. Army Corps of Engineers
- Wade Trim Group
- Wiss, Janney, Elstner Associates
- WSP

FULL TIME STARTING ANNUAL SALARY

Average: \$68,099

Min	Median	Max
\$45,000	\$69,750	\$82,000

INTERN HOURLY SALARY

Average: \$23.10

Min	Median	Max
\$16	\$22	\$39

Data are from Academic Year 2023.
Visit career.engin.umich.edu/career/salary-info for more comprehensive data.

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SAMPLE ELEVATOR PITCH

Hi, I'm [Name]. I'm graduating in May with a bachelors degree in Civil Engineering, and I am interested in a full-time engineering position with [company].

I currently serve as the UM Steel Bridge Team's Construction Captain and Business Lead. I am also an officer for the UM chapter of the American Society of Civil Engineers, where I manage our recruiting and retention efforts.

I'm hoping to apply my leadership and project management skills to the project engineer position at [company]. Can you tell me more about this opportunity?

SAMPLE IMPACT STATEMENT

Before - Performed drainage studies

After - Used topographical maps to compare pre-development and post-development runoff for existing drainage systems

KEY COURSES

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

CEE 265 - Sustainable Engineering Principles; widely used across all areas of civil engineering

CEE [Program Electives] - allows you to focus on specific disciplines, such as Structural Engineering, Geotechnical Engineering, Transportation Engineering, Construction Management, Hydraulics, and more

CEE 402 - Senior design course working in teams to perform analyzes on a real site

KEY SKILLS

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

Revit/BIM - 3D construction softwares used to conceptualize building plans

Bluebeam - Software used to review and markup plans

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

SAMPLE EXTRACURRICULARS

American Society of Civil Engineers (ASCE) **Michigan Transportation Student Organization (MiTSO)**

Chi Epsilon - Honors Society

Network for Women in Civil & Env Eng

Design Teams - BLUELab, EERI, MCCT, Steel Bridge Team, Michigan Seismic