



# What can I do with my Major?

## CIVIL ENGINEERING

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### SAMPLE JOB TITLES

Visit [O\\*Net](#) and conduct an Occupation Quick Search of each job title to learn more about that career path.

[Civil Engineer](#)  
[Architectural and Engineering Managers](#)  
[Civil Engineering Technician](#)  
[Construction and Building Inspectors](#)  
[Civil Drafter](#)  
[Transportation Engineer](#)  
[Architectural and Civil Drafters](#)  
[Traffic Technician](#)  
[Engineering Teacher, Postsecondary](#)  
[Project Manager](#)  
[Structural Engineer](#)  
[Highway/Transportation Design Engineer](#)  
[Geotechnical Engineer](#)  
[Transportation Analyst](#)  
[Lead Transmission Line Engineer](#)  
[Structural Steel Design Engineer](#)  
[Water Treatment Design Engineer](#)

### UCONN RESOURCES

[Department of Civil and Environmental Engineering](#)  
[American Society of Civil Engineers](#)  
[Chi Epsilon](#)  
[Concrete Canoe Association](#)  
[Institute of Transportation Engineers](#)  
[Steel Bridge Club](#)  
[Engineering Student Leadership Council](#)  
[Tau Beta Pi](#)  
[Society of Hispanic Professional Engineers](#)  
[National Society of Black Engineers](#)  
[Women in Math, Science and Engineering](#)  
[Society of Women Engineers](#)

### OTHER RESOURCES

[American Society of Civil Engineering](#)

### OVERVIEW OF MAJOR

Civil engineers concentrate their work on the design and construction of public works such as roads, highways, water systems, buildings, and bridges. They are responsible for the basic infrastructure of our society. To become an engineer you need at least a bachelor's degree and a broad background in mathematics and sciences. There are different specializations within Civil Engineering, including Environmental and Water Resources, Structures and Applied Engineering, and Transportation Systems. As an Engineering student one can specialize in a particular field of interest and become an engineer who works within that desired field. Whatever one decides to specialize in, one must first complete basic requirements for the School of Engineering.

### NATURE OF WORK

The nature of work for a civil engineer depends on what area of civil engineering one chooses. For instance, an engineer can help design and build towering skyscrapers, or an engineer can concentrate his or her efforts on making sure the water that people consume is safe and clean. Engineers can work on job sites or they can work in firms with flexible hours.

