

# What Can I Do With This **Ohio State** Major?

Bachelor of Science  
**Civil Engineering**  
College of Engineering

Civil engineers plan, design, and build the structures and systems essential to American civilization: buildings, bridges, tunnels, and dams; harbors and airports; waterways, railways, and highways; water treatment plants; irrigation and drainage systems; landfills; and wastewater treatment plants. This is one of the few areas of engineering in which the engineer deals directly with the public in every phase of the job. Civil engineering at Ohio State offers the prospective student an exciting academic program enhanced by experiences in state-of-the-art laboratory facilities. It also offers a challenging environment designed to provide students with the resources and background necessary to pursue activities in the many different areas of civil engineering. The department's professors are internationally recognized as leaders in their respective areas.<sup>1</sup>

## Career Areas/Job Titles:

### Management and Industry

Consultant  
Sales Person  
Manager  
Operations Specialist  
Construction Manager

Civil Engineer  
Environmental Engineer  
Structural Designer

### Education

K-12 Teacher  
Professor

Lobbyist  
Urban Planner  
Transportation Specialist  
Infrastructure Specialist  
Lawyer

### Science and Technology

Research & Design Specialist

### Government/Politics

Government Consultant

*\*Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.*

## Transferable Skills:

Artistic Design  
Basic Computer Skills  
Building and Construction  
Engineering Fundamentals  
Mathematic Skills  
Physics Foundation  
Expressing Ideas  
Persuasion  
Provide/Respond to Feedback

Use Technology Effectively  
Teamwork  
Conceptualization  
Defining Needs  
Forecasting/Predicting  
Identifying Problems  
Setting Goals  
Attention to Detail  
Judgment & Decision Making

Managing Time/Stress  
Administrative Skills  
Strategic Planning/Visioning  
Creating Innovative Solutions  
Multi-tasking  
Quantitative Reasoning  
Data Analysis  
Analytical/Critical Thinking  
Problem Solving

*\*This is not an extensive list of transferable skills. See larger list of skills you might develop here:  
<http://ccss.osu.edu>*

## Professional Links:

American Society of Civil Engineers: <http://www.asce.org>

National Society of Professional Engineers: <http://www.nspe.org/>

Civil Engineering at Ohio State: <http://ceg.osu.edu/undergraduate/civil-engineering>