

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

Bachelor of Science

Construction Systems Management

College of Food, Agricultural, and Environmental Sciences

Construction systems management (CSM) is the management and operation of the business and technological aspects of the construction industry. The CSM major focuses on developing managerial skills to prepare for careers in coordinating and directing activities in a range of industry sectors including residential, commercial, and heavy construction. Specific topics in the CSM core courses include construction materials and methods, mechanical systems, electrical and lighting systems, surveying and site development, estimating, scheduling, structures, heavy construction, safety and health, project management, contracts and documents, and professional development. Additionally, students in the CSM major take supporting courses in business management and technical electives to enhance the managerial and technical skills necessary for success as construction project manager in any sector of the construction industry.ⁱ

Career Areas/Job Titles:

Management and Industry

Construction Project Manager
Construction Project Estimator
Project Superintendent
Green Building Specialist
Project Scheduler
Project Safety Specialist
Independent Contractor
Specialty Contractor
(Excavation, HVAC, Electrical, etc.)

Historical Renovation
Green Building Specialist
Residential Builder
Heavy and Highway Contractor
Communication and Media
Public Relations Manager
Construction Sales Consultant
Science and Technology
Survey Technology
Information Technology
Manager

Education

Training Specialist
Construction Management
Instructor

Government/Politics

City Building Inspector
City Plans Examiner
City Planner
Army Corps of Engineers

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

Transferable Skills:

Building and Construction
Business Fundamentals
Engineering Fundamentals
Law and Policy Awareness
Written/Verbal Communication
Motivating Others
Teamwork
Conceptualization

Developing Evaluation
Strategies
Research Skills
Attention to Detail
Judgment & Decision Making
Basic Computer Skills
Economics and Accounting
Organization Skills

Data Analysis
Strategic Planning/Visioning
Creating Innovative Solutions
Analytical/Critical Thinking
Problem Solving
*Internship Required

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

Professional Links:

Construction Management Association of America: <http://cmaanet.org/>

American Institute of Constructors: <http://www.professionalconstructor.org/Home/>

Construction Systems Management (CSM) Club

Builders Exchange of Central Ohio: <http://www.bx.org/>