

CONSTRUCTION SCIENCE/MANAGEMENT

What can I do with this major?

AREAS

EMPLOYERS

STRATEGIES

CONSTRUCTION/OPERATIONS MANAGEMENT

Management of:

- Human Resources
- Financial Resources
- Materials
- Equipment

Scheduling

Estimation

Cost Control

Coordinate Trade Contractors

Direct or Monitor Construction

Review Technical Documents:

- Engineering
- Architectural

Compliance:

- Legal Requirements
- Building and Safety Codes

Construction Type Includes:

- Residential
- Commercial
- Industrial
- Bridges and Roads
- Agricultural
- Paving and Excavation
- Renovation and Remodeling

Project Management

RELATED FIELDS

Building and Code Inspection

Municipal Contracts Management

Green Building Consulting

Contract Administration

Purchasing

Product Sales

Construction management or contracting firms
Specialty trade contractors including:
 Plumbing, heating, air-conditioning, electrical
Home builders
Construction industry
Building materials industry
Real estate developers
Engineering and architectural firms
Consulting firms
Self-employment/Contract work
Local government
Educational institutions
Large corporations

Gain practical, technical experience in the construction industry through summer jobs and internships.

Learn to work well with a wide variety of people as construction managers must communicate effectively and build relationships with engineers, architects, skilled tradespeople, homeowners, and more.

Develop the ability to see the big picture but also be detail-oriented to be successful with project management. Skills in teamwork, leadership, time management, and decision-making are also important.

Be prepared to work outside as you may spend significant amounts of time at a work site.

Get experience with relevant technology including CAD, GPS, GIS, sensors, electronic information transfer, and estimation software.

Join relevant student organizations and seek leadership positions.

Become a good problem solver and develop tolerance for unexpected changes or problems, e.g. weather problems or unforeseen delays.

Be willing to start as an assistant to an experienced construction manager.

Research certification programs offered by the American Institute of Constructors and the Construction Management Association of America.

Construction Science/Management degrees prepare students for a wide variety of positions in the construction industry. Research opportunities to find a good fit for your interests and skills.