



# CONSTRUCTION MANAGEMENT

Construction is the largest and most diversified industry in the world. The key professionals in this vast enterprise are construction managers who thrive within the business side of this industry. They are the leaders who possess the business skills, experience, and education to manage the execution of any construction work in the private or public sector.

## What Do Construction Managers Do?

Construction managers oversee the entire construction process. They enter the industry in various positions with the ability to lead, problem solve, and use innovative applications on their projects. They participate in planning, cost estimating, scheduling, supervision, and commissioning of a complete facility in a timely and safe manner.

Construction managers interact with professional engineers, registered architects, and owners to solve problems that may arise. Upon entering the industry, you may work in the field, managing the construction activities, finances, and/or the labor resources. Alternatively, one can be employed at the home office, managing scheduling operations, bids, contracts, marketing, or even running your own business.

## Areas of Emphasis

The undergraduate degree in construction management (available on campus and online) blends engineering, architecture, design, technology, and business to produce top professionals in the field.

**General Education Coursework**—Math, English, natural sciences, social science, art, and humanities (required by LSU).

**Engineering Coursework**—Theory, design, and application.

**Business Administration Coursework**—Management, accounting, finance, law, and economics.

**Construction Management Coursework**—Communication; ethics; graphics; estimating; contract law; project planning and scheduling; construction methods; cost control; with industry emphasis areas (IEAs) in industrial, highway, commercial, and residential construction.

### PROGRAM FACTS

**Fall 2022 Enrollment:** 872 Students  
On-campus—719 • Online—153

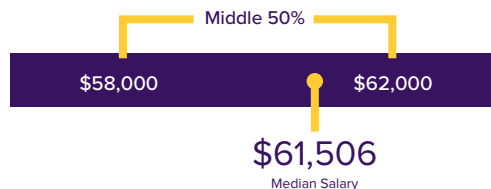
**Minors:** Business Administration, Technical Sales (included within the 125-credit-hour degree)

**Areas of Specialization:** Industrial, Highway, Commercial, Residential, General Construction

**Student Organizations:**  
CSA —Construction Student Association  
Sigma Lambda Chi honor society

### GRADUATE STARTING SALARIES

Median full-time in field salary info for graduates of the last three years



**Undergraduate Coordinator**  
**Stephanie Heumann**  
sheumann@lsu.edu  
225-578-8856

### DEGREE INCLUDES

Business Administration Minor

Technical Sales Minor

OSHA Construction Safety & Health Certificate

Certified Occupational Safety Specialist (COSS) Certificate

AIC Associate Construction Certification

## Construction Management

# CURRICULUM OVERVIEW

YEAR 1	YEAR 2	YEAR 3	YEAR 4
Intro to Construction Management	Construction Materials and Methods II	Construction Estimating	Construction Safety
Construction Materials and Methods I	Structural Principles and Practices	Construction and Civil Materials	Applied Structural Design
Intro to Sustainability in Built Environment	Construction Equipment	Mechanical and Electrical Systems	Construction Project Management
Intro to Management Information Systems	Construction Surveying	Soils in Construction	Construction Enterprise
Business Calculus	Construction Plan Reading	Construction Scheduling and Cost Control	Industry Emphasis Area Course
Trigonometry	Survey of Accounting	Construction Contracting	Industry Emphasis Area Course
General Ed: Arts	Economics Principles	Building Information Modeling (BIM)	Principles of Management
General Ed: Humanities	General Physics I	Industry Emphasis Area Course	Business Finance
General Ed: Social Sciences	General Physics II	Industry Emphasis Area Course	Principles of Marketing
General Ed: English Comp I	Fundamentals of Comm. or Public Speaking	Business Law	General Ed: Humanities
		General Ed: English Comp II	

### LEGEND

- Major-specific Const. Mgmt.
- Other Const. Mgmt.
- Science
- Math
- General Education