“Getting to see the result of my work reflected in a structure that impacts people’s lives is a key reason I chose to study construction science and management. It’s always rewarding when teamwork and problem solving advance a project from an idea to a finished product.”

— Daniel Staudenmaier, construction science and management
The construction science and management degree prepares graduates for the rapidly changing technological challenges in the construction industry.

The program prepares students to be professional constructors and competent managers of resources that include labor, material, equipment, time and money to meet project expectations of quality, safety, scheduling and cost. This engineering-based program is designed to produce technical managers of construction.

Students will not only take courses in construction, but also business, economics, management and law, as well as have hands-on experience with bid days, safety, construction materials demonstrations and capstone project presentations. That’s why our students get their very own hard hat to use during their time in the program.

You will learn from the best with our teaching-focused faculty members who average 17 years of full-time industry experience.

**DESIGN PATHWAYS**

**PROJECT MANAGEMENT**
Explore resource management including budget, scheduling and material procurement.

**ESTIMATING**
Understand the comprehensive process of determining total cost of construction.

**PRECONSTRUCTION SERVICES**
Work on project procurement options, design decisions, constructability reviews, value engineering, feasibility studies and more.

**SUPERINTENDENT/FIELD ENGINEERING**
Learn direct, on-site, day-to-day coordination of the construction process.

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**PROGRAM OVERVIEW**

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**KEY ACADEMIC AREAS**

- **MATH AND SCIENCE COURSES**
  - Math/Physics

- **ENGINEERING DESIGN/TECHNICAL COURSES**
  - Mechanics/Design
  - Electronics/Electricity
  - Computer Programming
  - Business Processes
  - Technical Electives

*General education electives not included*
BUILD THE FUTURE

Construction science and management and its partner program, architectural engineering, prepare students to work effectively in an integrated architecture-engineering-constructor team, producing sustainable solutions for new and existing buildings.

Construction science and management graduates stand at the forefront to —

• implement complex designs in an evolving industry.
• ensure minimal impact to the environment.
• enforce job-site safety.
• communicate with the design team and owner.
• incorporate technology in the construction process.
• revitalize existing construction.
• minimize costs and maximize the construction budget.
CREATIVE INQUIRY DESIGN TEAMS
ASSOCIATED SCHOOLS OF CONSTRUCTION (ASC)
Students compete against other construction science management teams from schools throughout the Midwest in heavy highway and commercial competitions.

STUDENT ORGANIZATIONS
ASSOCIATED GENERAL CONTRACTORS OF AMERICA (AGC)
AGC provides a link between the construction industry and education. It supports community projects, brings in guest speakers to inform students on current issues, and sends representatives to regional and national conferences where they become more informed about AGC and the construction industry.

MECHANICAL CONTRACTORS ASSOCIATION OF AMERICA (MCAA)
MCAA offers students many opportunities for leadership development. Students travel to the national conference, attend competitions and perform service work.
CAREERS

A wide range of career possibilities are available for construction science and management graduates in building- and construction-related industries including civil/heavy highway/bridge construction, infrastructure, healthcare, sports and entertainment, and specialty construction.

Construction science and management graduates pursue careers in —

• pre-construction services
• design build
• business development
• technical sales
• project management
• estimating
• environmental compliance

$60,191

is the average starting salary for a K-State construction science and management graduate.

INTERNSHIPS

The construction science and management internship program has 100 percent placement opportunities within a vast range of high-paying careers for students. Companies recruit students directly through the department.
47 STATES AND 8 COUNTRIES!

“My choice was construction science and management at K-State when I saw how invested the faculty are in making students into well-rounded construction professionals.”

— Steven Janes, ’17, construction science and management
Program Accreditation
The Bachelor of Science in construction science and management at Kansas State University is accredited by the American Council for Construction Education.

Notice of Nondiscrimination
Kansas State University is committed to nondiscrimination in admissions, programs and employment. Inquiries and complaints: Contact Director of Institutional Equity, Kansas State University, 103 Edwards Hall, Manhattan, KS 66506-4801, (Phone) 785-532-6220; (TTY) 785-532-4807.