Construction Management, BS

Program Description

The Construction Management Department offers students the bachelor's degree with a major in Construction Management and the Master of Science in Construction Management. While professional experience is preferred, students with a bachelor's degree or higher in architecture, construction management, technology, engineering, or related fields are encouraged to apply. Certificates are also available in project management, land development, and specialty construction.

 This program is a part of the College of Architecture and Construction Management

Accreditation

The KSU Department of Construction Management Bachelor's and Master's programs are accredited by the American Council of Construction Education (ACCE).

Admission, Enrollment and Graduation Policies

Admission Requirements

This program does not have specific admission requirements and only Admissions to Kennesaw State University is required.

Graduation Requirements

Each student is expected to meet the requirements outlined in the Academic Policies: 5.0 PROGRAM REQUIREMENTS & GRADUATION.

Program Course Requirements

Core IMPACTS Curriculum (42 Credit Hours)

General Education Core IMPACTS Curriculum

Core IMPACTS Curriculum Requirements Specific to this Major

Science Majors: Must take MATH 1113 or higher in Mathematics & Quantitative Skills and MATH 1179 or higher in Applied Math.

Science and Engineering Majors: Must take two four-hour laboratory sciences in Natural Sciences. Students must choose from CHEM 1211/1211L , CHEM 1212/1212L , PHYS 1111/1111L*, PHYS 1112/1112L , PHYS 2211/2211L*, PHYS 2212/2212L , BIOL 1107/1107L , or BIOL 1108/1108L.

*Students cannot take both PHYS 1111/L and PHYS 2211/L nor PHYS 1112/L and PHYS 2212/L.

Core Field of Study (18 Credit Hours)
Students must earn a grade of "C" or better in these courses.

- CM 1000: Orientation to Construction and Development
- ACCT 2101: Principles of Accounting I
- BLAW 2200: Legal and Ethical Environment of Business
- SURV 2200: Construction Measurements
- PHYS 1111: Introductory Physics I
- PHYS 1111L: Introductory Physics Laboratory I
  One (1) credit hour carried over from Applied Mathematics.
  One (1) credit hour carried over from Natural Sciences.

Major Requirements (51 Credit Hours)
Students must earn a grade of "C" or better in these courses.

- CM 2000: Construction Graphics
- CM 2210: Introduction to Structures
- CM 3000: Computer Applications in Construction
- CM 3110: Construction Materials and Methods
- CM 3180: Mechanical and Electrical Building Systems
- CM 3410: Estimating I: Construction Quantity Surveying
- CM 3420: Estimating II: Cost Estimating and Bid Preparation
- CM 3800: Construction Finance
- CM 4510: Construction Scheduling
- CM 4560: Construction Project Management
- CM 4710: Construction Safety
- CM 4760: Construction and Real Estate Property Law
- CM 4900: Capstone Project
- ECON 2105: Principles of Macroeconomics
  or
- ECON 2106: Principles of Microeconomics
- MGT 3100: Management and Behavioral Sciences
- IS 2200: Information Systems and Communication
- TCOM 2010: Technical Writing

Major Electives (9 Credit Hours)

Students must earn a grade of "C" or better in these courses. Select 9 credit hours from MKTG 3100 or any 3000-4000 level CM courses not already used as a requirement in the major. Students may consider topical areas of interest from below.

General Construction - Commercial (GC/CM)

- CM 3040: Building Information Modeling I
- CM 3260: Temporary Structures
- CM 3398: Construction Management Internship
- CM 3400: Risk and Quality Management
- CM 3500: Building Codes
- CM 4660: Advanced Scheduling & Project Management
- MKTG 3100: Principles of Marketing

Heavy Civil Construction and Land Development

- CM 3170: Heavy Construction Practices
- CM 3440: Heavy Estimating
- CM 3710: Market and Site Analysis
- CM 4230: Heavy Materials & Temporary Structures
- CM 4620: Development Process and Finance

Specialty Trade Construction/Facilities Management

- CM 3270: Facility Management Strategies
- CM 3280: Building Mechanical and Electrical Codes and Loads
- CM 3290: Finance for Facility Managers
- CM 3480: Mechanical and Electrical Systems Estimating
- CM 4190: Sustainable Operation & Maintenance
- CM 4480: Design/Build MEP Systems

Residential Construction

- CM 3310: Real Estate Development Practices
- CM 3910: Sustainable Residential Practices
- CM 4512: Emerging Trends in Residential Construction

Program Total (120 Credit Hours)