Who Should Pursue This Degree?

Prospective students with a bachelor of science degree in construction management or a related field will benefit from the master of construction management (MCM) degree. Disciplines such as civil engineering, architecture, real estate, business, finance, management, marketing, and accounting also translate into our program. For recent graduates, the master of construction management program provides advanced knowledge and critical thinking skills needed to be leaders and innovators in an increasingly globalized construction industry.

For midcareer and experienced professionals, this graduate degree will provide even greater access to knowledge that is essential to excel in today’s fast-paced and ever-changing local and international construction arena. Career advancing topics in the MCM program include risk management, advanced scheduling & estimating techniques, globalization, sustainable construction, productivity, quality, profitability, and best practices.

Faculty

Our highly qualified and experienced faculty members deliver instruction on state-of-the-art construction tools, techniques, and systems gained through applied research and consulting projects. Instruction is augmented by guest speakers, group projects and discussions, and input from our Industry Advisory Board.

If you are interested in pursuing a master of construction management degree at ECU or would like more information, we encourage you to contact:

Graduate Program Director
Department of Construction Management
346 Rawl Building
Mail Stop 307
East Carolina University
Greenville, NC 27858-4353

Phone: 252-328-6490
Fax: 252-737-1523

cmgtinfo@ecu.edu

An equal opportunity/affirmative action university, which accommodates the needs of individuals with disabilities.
Master of Construction Management (MCM)

Most working professionals have multiple demands on their time, and trying to fit a graduate degree program into an already demanding schedule can be daunting. The MCM program at ECU recognizes these challenges and has designed the program to accommodate the professionals’ needs and to provide an exemplary learning opportunity.

Each class is taught by an instructor certified in providing graduate-level education. Whether students attend face-to-face lectures on campus or participate in the same lectures online, each class offers interaction with the instructor and fellow students. Guest speakers are frequently invited to join the class, providing industry insight and actual points of view regarding the topics under discussion.

For admission to the MCM program, students must have a Bachelor of Science degree in a construction or engineering related discipline such as civil engineering. Academic degrees in closely related fields such as architecture, real estate, business, finance, accounting, management, or marketing will also be considered for admission. Other requirements include:

• Cumulative GPA (CGPA) of at least 2.7 on a 4.0 scale
• Acceptable GRE or GMAT score (30th Percentile)
• Two letters of recommendation
• Statement of purpose or intent
• Detailed curriculum vitae (CV) or résumé

If an applicant’s cumulative GPA is less than 2.7, the applicant may be admitted on a conditional basis. Conditional admission requires a student to maintain a 3.0 cumulative GPA in the first nine (9) graduate credits taken in the MCM program.

Course and Prerequisite Requirements

Students with a bachelor of science degree in construction management, construction engineering, or construction technology must complete 30 graduate credits to receive their MCM degree.

Students with a bachelor of science degree in an engineering discipline, business, finance, accounting, management, or marketing must demonstrate proficiency in select prerequisite courses at the undergraduate level. See list below. Prerequisite courses (or equivalent) can be taken at East Carolina University or at a community college or university of your choice.

• Construction Documents and Analysis (Blueprint Reading)
• Construction Materials & Methods
• Construction Equipment Management
• Construction Safety
• Construction Estimating
• Construction Scheduling

Prerequisite courses can also be taken online at Internet sites such as http://www.constructionclasses.com. Official transcripts of prerequisite course work will be required for admission and/or graduation. While exemptions from prerequisite courses can be granted by the graduate program director and/or the chair of the department, students must complete 30 graduate credits to obtain their degrees.

Residential Construction Management Certificate

The Department of Construction Management has also started to offer a graduate certificate in residential construction management (RCM) with the support of the National Housing Endowment. The RCM certificate requires completion of three courses equal to nine credit hours. The courses expose students to knowledge in the areas of residential trends, sustainability, codes, contracts, risk management, and land development.

Admission Requirements

Admission to the residential construction management certificate program requires a 2.5 GPA and a baccalaureate degree from a regionally accredited four-year institution. Retention standards in the certificate program will be based on a 3.0 GPA and completion of all required coursework. To obtain the certificate, students must complete a minimum of nine credit hours – CMGT 6625, 6635, and 6640.

Course Descriptions

CMGT 6600 Critical Analysis and Evaluation of Construction Documentation (3): Acceptance into the MCM program. Methods of critically analyzing project data associated with construction design, process application, and project control problems and formulating logical solutions through a variety of documentation sources.


CMGT 6620 Human Resources and Training (3): P: CMGT 6600. Study of human resources in construction business environments; the theories of human behavior and how it is influenced by leadership, organization, environment, motivation, and culture.

CMGT 6625 Residential Construction Trends (3): Acceptance into the construction management master’s degree (MCM) or residential construction management certificate. Overview of the residential construction industry encompassing history of home types, development, technology and trends from past to present.

CMGT 6630 Advanced Applications in Construction Scheduling (3): P: CMGT 6600. Managing construction scheduling, project control, and strategic planning and analysis of single and multiple projects.

CMGT 6635 Residential Project Risk Management (3): Acceptance into the construction management master’s degree (MCM) or residential construction management certificate. Managing risk of construction projects via categorization, assessment techniques, minimization strategies and contingency planning for residential projects small to large in scale of construction.

CMGT 6640 Residential Land Use Management and Design (3): P: CMGT 6600. Special problems and procedures related to international construction projects; impact of social, cultural, legal and financial aspects of international contracting; logistics of labor, materials, and equipment in a foreign environment.


CMGT 6665 Residential Codes Contracts and Law (3): Acceptance into the MCM program. Understanding codes and legal conditions within the residential construction sector.

CMGT 6700 Research Capstone Seminar (3): P: CMGT 6610; consent of instructor. Provides graduate students in construction management an opportunity to conduct independent study and research for the non-thesis master’s degree program.