Graduate Programs

M.S. in Construction Management

Our management-oriented program is distinguished by a conscientious integration of fundamentals and theory with real-world practical application. You learn to effectively manage the components of a construction projector company. The various types of contractual relationships governing the owner, the contractor, the designers, and the subs are explored. Bidding, negotiating, handling disputes and claims, and how to devise and implement strategic business plans round out your study. Our curriculum undergoes constant evaluation, and is scrutinized against current best practices and the highest standards. We receive advice and counsel from advisory board members, faculty, and colleagues. And because we are so connected to the professions of real estate and construction, issues affecting these industries are discussed and experienced immediately in the classroom.

The Real Estate Institute’s Master of Science in Construction Management is comprised of a three-tiered core that provides you with a broad foundation for the entire discipline of construction management: a concentration in an area of professional expertise; a Capstone; and elective courses to further enhance your technical or managerial proficiency in your speciality area or to broaden your understanding of related areas, including real estate. Through full-time study, students can complete this program in two years or part-time in up to five years.

Core Curriculum

The core curriculum for the graduate program in construction management is designed to provide a broad and deep foundation to support the concentration coursework that is to follow and serve you throughout your career. Tier I courses lay the groundwork for understanding advanced financial and managerial decision-making. You begin to tackle the legal underpinnings of the entire building industry, including real estate, and you learn about contracts and transactions. The remaining Tier I courses provide the basis for the construction-specific coursework that is to follow and examine such topics as understanding materials, design, and construction practices while developing the project management skills requisite for planning, scheduling, and control.

In Tier II, you build upon the foundation laid in the first tier. You examine the various approaches to quantifying and estimating specific project plans. You also learn the process of tracking and managing projects, company expenses, and cash flow. Real estate and construction management students are brought together to examine every phase of the real estate development process from proposal to project completion.

In Tier III, you attain a thorough grounding in risk and safety management, the essential elements of running a construction company or operation, including contract management, personnel, business development strategy,
financial planning and more.

Concentrations

Construction Executive Management
Construction Project Management

Capstone Course

The Capstone Course in each concentration encompasses and applies all prior coursework, engaging you in the production of a professional quality research project or proposal. In each case, actual industry data and resources are researched and employed in the creation of a product or proposal specific to the concentration. Capstone projects are the principal assessment device used to evaluate your understanding of the various disciplines. Capstone projects are required for the degree, in lieu of a thesis or comprehensive exam.

Electives

Electives allow you to further enhance your technical or managerial proficiency in a specialty area and to broaden your understanding of related areas, including real estate.

Time to Complete a Graduate Program

The responsibility for meeting the degree requirements rests with the candidate. Policies regarding time limits are available in the Academic Policies section of this bulletin, Graduate Academic Policies and Procedures, Time to Complete a Graduate Program.

M.S. in Construction Management Degree Requirements

Core Curriculum (required)

Tier I
Accounting Principles and Practices
Legal Principles and Practices
Construction Methods and Technology
Project Management: Planning, Scheduling, and Control

Tier II
Construction Cost Estimating
Construction Financial and Cost Control
The Development Process
Construction Safety Management

Tier III
Advanced Construction Scheduling and Control
Operating and Managing the Construction Organization

Concentrations (Capstone Courses noted for each concentration)

Construction Executive Management
Business Development and Management
Negotiation and Dispute Resolution

Construction Project Management
Labor Relations in Construction
Managing On-Site Construction Operations

Elective

Any appropriate graduate course from either the M.S. in Real Estate or M.S.
in Construction Management

**Capstone Course**

Project Finance and Development (Capstone Course)
Project Completion Strategies (Capstone Course)