CONSTRUCTION MANAGEMENT (M.S.)

Requirements

Course | Title | Credits
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REAL 5014 | Negotiation | 1.5
REAL 5051 | Advanced Construction Contracts, Claims, and Dispute Resolution | 3
REAL 5052 | Construction Financial Management | 1.5
REAL 5054 | Construction Cost Estimating and Bidding Strategies | 1.5
REAL 5056 | Construction Scheduling and Impact Analysis | 1.5
REAL 5058 | Pre-Construction Project Planning and Development | 3
REAL 5060 | Construction Project Delivery | 3
REAL 6051 | Advanced Construction Methods and Materials | 3

Electives 9

Select 9 credits from the list below.

Capstone 3

REAL 6300 | Applied Project | 3

Total Credits 30

Construction Management Electives

Courses in this group have the CONM attribute.

Course | Title | Credits
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REAL 5002 | Real Estate Finance | 3
REAL 5104 | The Real Estate Development Process | 3
REAL 6001 | Real Estate Financial Modeling | 1.5
REAL 6004 | Adaptive Reuse and Sustainability | 1.5
REAL 6006 | Development Project Leadership, Management and Communications | 1.5
REAL 6008 | Affordable Housing | 1.5
REAL 6009 | Commercial Leasing | 1.5
REAL 6010 | Development Project Finance | 1.5
REAL 6011 | Building Systems, Operations, and Maintenance | 1.5
REAL 6013 | Real Estate Management | 3
REAL 6014 | Land Use Law | 1.5
REAL 6016 | Real Estate Entrepreneurship Business Planning | 1.5
REAL 6021 | Special Topics in Construction | 1.5
REAL 6022 | Special Topics in Real Estate | 1.5

About the Curriculum

Core

The 18-credit core curriculum is designed to give students an in-depth mastery of the academic disciplines and applied functional areas necessary to every construction and real estate project professional's success. The core leaves students with essential analysis, critical thinking and decision-making skills while creating a common student experience that fosters community. Students are required to complete all 18 core credits. The core requirements of the Master of Science in Construction Management are designed to ensure that every graduate has a grasp of the most important elements of construction project planning and management, contracts, methods and materials, estimating, scheduling, financial and cost management, risk assessment, risk management, quality control, communication, leadership, ethics, and negotiation while the electives allow each student to pursue a specific subject area.

Electives

The 9-credit elective course requirement offers students the opportunity to immerse themselves in specialized topics of their choice. Students may assemble their own elective sequences or select the courses that are part of the Advanced Certificate in Real Estate Management.

Capstone

The 3-credit capstone is the culmination of all the knowledge and skills acquired throughout the program. Students must be able to assimilate all that they have learned in the core courses and apply it within the context of a real-world setting. Subject to adviser pre-approval, students undertake an Applied Project (REAL 6300) under the direction of a faculty supervisor, that upon completion demonstrates professional-level mastery of the subject matter involved.

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