

MASTER OF CONSTRUCTION MANAGEMENT PROGRAM OUTLINE

MASTER OF CONSTRUCTION MANAGEMENT

The Master of Construction Management is designed to develop professionals for advanced construction management to use theory and practice based on an interdisciplinary foundation of science, architecture, and business management. This degree consists of a four-term program requiring 48 credits. All courses are delivered online.

PROGRAM LEARNING OUTCOMES

- Exhibit the planning, organization, execution, and legal skills of a construction manager.
- Compare construction management technologies, innovations, and processes.
- Evaluate the logistics underlying construction systems and devise strategies for managing these complexities.
- Demonstrate the financial, managerial, and cognitive acumen of a leader in the construction industry.
- Evaluate how the legal, economic, and social relationships between contracting, the building trades, and the regulatory environment inform construction management.
- Analyze how issues of cost, safety, and design impact project development and implementation.
- Apply global, ethical, and sustainability perspectives to construction management knowledge.

CREDIT BREAKDOWN

Credits	% of Total	Area
48	100%	Required Construction Management Courses

48 Total Credits

FALL	YEAR 1
	CM601 Current Practices in Construction Management (6)
	CM652 Advanced Project Delivery Systems (6)
TOTAL CREDITS	12

WINTER	CM602 Implementing Building Information Modeling (6)
	CM651 Commercial Design & Construction Methods (6)
	TOTAL CREDITS

SPRING	CM603 Emerging Trends in Project Management (6)
	CM653 Leadership Challenges in Construction Management (6)
	TOTAL CREDITS

SUMMER	CM604 Project Feasibility and Cost Controls (6)
	CM654 Capstone: Project Integration (6)
	TOTAL CREDITS

TOTAL ANNUAL CREDITS	48
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TOTAL PROGRAM CREDITS = 48