

# Master of Science in Construction Management Curriculum

Students must complete **30 credit hours of coursework**, consisting of:

- 15 credit hours of core courses
- 9 credit hours of elective courses
- 6 credit hours of track option courses

Track options include:

- **Professional Track:** Two 3-credit hour courses
- **Research Track:** One 6-credit hour thesis

Students may substitute up to three elective courses with comparable offerings from other departments. All elective substitutions require individual review and approval by the Graduate Director.

## Core Courses (15 Hours)

Course Number	Course Title	Hours
BCS 6113	Construction Risk Management and Decision-Making	3
BCS 8113	Leadership and Human Factors in Construction	3
BCS 8123	Research Methodology in Construction	3
BCS 8133	Emerging Technologies in Construction	3
BCS 8143	Advanced Project Management and Control	3

**Elective Courses (9 Hours):** Equivalent courses from other departments are accepted, if approved.

Course Number	Course Title	Hours
BCS 6213	Sustainable Construction	3
BCS 6223	Construction Financial Management	3

<b>Course Number</b>	<b>Course Title</b>	<b>Hours</b>
BCS 6233	Construction Heavy Equipment and Methods	3

## Track Options (6 Hours)

### Professional Track

<b>Course Number</b>	<b>Course Title</b>	<b>Hours</b>
BCS 6313	Construction Data Analytics	3
BCS 6323	Current Topics in Construction	3

### Research Track

<b>Course Number</b>	<b>Course Title</b>	<b>Hours</b>
BCS 9000	Research in Construction	3

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