

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

Course Number	Course Title	Hours
BCS 6233	Construction Heavy Equipment and Methods	3

Track Options (6 Hours)

Professional Track

Course Number	Course Title	Hours
BCS 6313	Construction Data Analytics	3
BCS 6323	Current Topics in Construction	3

Research Track

Course Number	Course Title	Hours
BCS 9000	Research in Construction	3

⋮

