

Construction Management Group
Department of Civil and Environmental Engineering
University of Illinois at Urbana-Champaign
Recommendations for 3-semester M.S. Program in Construction Management
Starting Fall 2025

The listings below highlight courses that the Construction Management Faculty deem appropriate for students interested in completing their M.S. degree in one-and-a-half year. A total of 36 credits are required for the M.S. degree with no thesis, which is equivalent to a total of nine 4-credit hour courses. As with all degree program decisions, please coordinate with program advisor for confirmation of your course selection and degree program.

Fall 2025 (take three courses equivalent to 12 credits)

- *CEE 421 (Construction Planning)*
- *CEE 422 (Construction Cost Analysis)*
- *CEE 498CEM (Construction Equipment and Methods)*
- *CEE 498CS (Construction Safety)*
- *CEE 526 (Construction Optimization)*
- *CEE 595 Seminar (AI in Built Environment – 1 credit)*
- Elective* at 400 or 500-levels

Spring 2026 (take three courses equivalent to 12 credits)

- *CEE 420 (Construction Productivity)*
- *CEE 421 (Construction Planning)*
- *CEE 528 (Construction Data Modeling)*
- *CEE 598CR (Construction Robotics)*
- Elective* at 400 or 500-levels

Fall 2026 (take three courses equivalent to 12 credits)

- *CEE 421 (Construction Planning)*
- *CEE 422 (Construction Cost Analysis)*
- *CEE 498CEM (Construction Equipment and Methods)*
- *CEE 498CS (Construction Safety)*
- *CEE 526 (Construction Optimization)*
- *CEE 595 Seminar (AI in Built Environment – 1 credit)*
- Elective* at 400 or 500-levels

- Core courses that are highly recommended are shown in italics.
- Other courses may substitute for non-core courses, as available. All courses shown above are 4 credits each. A total of 36 credits are required for the M.S. degree with no thesis. A minimum of three 5xx courses (12 credits) must be taken in total, of which a minimum of two of the 5xx courses (8 credit hours) must be construction courses.

For questions, please contact:

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- * Elective courses can be selected from the Civil & Environmental Engineering, Architecture, Business Administration, Finance, Computer Science, Mechanical and Industrial Engineering, Law, and Labor and Industrial Relationship departments.