

**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 2023**

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 2023** (take three courses equivalent to 12 credits)

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

**Spring 2024** (take three courses equivalent to 12 credits)

- *CEE 420 (Construction Productivity)*
- *CEE 421 (Construction Planning)*
- *CEE 522 (Visual Data Analytics)*
- *CEE 528 (Construction Data Modeling)*
- *CEE 598CR (Construction Robotics)*
- Elective\* at 400 or 500-levels

**Fall 2024** (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 Construction – 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.