

CIVIL AND ENVIRONMENTAL ENGINEERING: STRUCTURAL ENGINEERING, M.S.

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (<http://guide.wisc.edu/graduate/#policiesandrequirements>), in addition to the program requirements listed below.

NAMED OPTION REQUIREMENTS

MODE OF INSTRUCTION

Face to Face	Evening/ Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	Yes

Mode of Instruction Definitions

Accelerated: Accelerated programs are offered at a fast pace that condenses the time to completion. Students are able to complete a program with minimal disruptions to careers and other commitments.

Evening/Weekend: Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

Face-to-Face: Courses typically meet during weekdays on the UW-Madison Campus.

Hybrid: These programs combine face-to-face and online learning formats. Contact the program for more specific information.

Online: These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

Requirements Detail

Minimum Credit Requirement 30 credits

Minimum Residence Credit Requirement 16 credits

Minimum Graduate Coursework Requirement At least 50% of credits applied toward the graduate degree credit requirement must be completed in graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university's Course Guide.

Overall Graduate GPA Requirement 3.00 GPA required.

Other Grade Requirements The Graduate School requires an average grade of B or better in all coursework (300 or above, not including research credits) taken as a graduate student unless conditions for probationary status require higher grades. Grades of Incomplete are considered to be unsatisfactory if they are not removed during the next enrolled semester.

Assessments and Examinations Contact the program for information on required assessments and examinations.

Language Requirements Contact the program for information on any language requirements.

REQUIRED COURSES

Typical curriculum in this program: 12 credits in the fall semester, 12 credits in the spring semester, and 6 credits in the summer semester.

- Complete a minimum of 27 credits from the approved list of Structural Engineering Courses.

Code	Title	Credits
CIV ENGR 498	Construction Project Management	3
CIV ENGR/G L E 532	Foundations	3
CIV ENGR 649	Special Topics in Structural Engineering	1-3
CIV ENGR 744	Structural Dynamics and Earthquake Engineering	4
CIV ENGR 749	Special Topics in Structural Engineering	1-4
E M A 405	Practicum in Finite Elements	3
E M A 506	Advanced Mechanics of Materials I	3
E M A 605	Introduction to Finite Elements	3

- Complete the following 3 courses:

Code	Title	Credits
CIV ENGR 440	Structural Analysis II	3
CIV ENGR 545	Steel Structures II	3
CIV ENGR 547	Concrete Structures II	3

- Take up to 3 credits of CIV ENGR 999 Advanced Independent Study
- Coursework plan must be coordinated and approved by your academic advisor