

Civil and Environmental Engineering, MS

Requirements

The Master of Science program in civil and environmental engineering requires a minimum of 30 s.h. of graduate credit for thesis students; 31 s.h. for nonthesis students. The program enables students to concentrate in one or more areas of their choice. Students must maintain a UI cumulative grade-point average of at least 2.75.

The thesis option requires a minimum of 25 s.h. (eight courses) with the remaining 5 s.h. obtained in CEE:5999 Research: Civil and Environmental Engineering MS Thesis.

With the approval of their advisor, students develop a study plan that satisfies the requirements of their chosen curriculum. Students must pass an oral examination and, in some program options, a written examination.

Core Courses

All students must successfully complete the civil and environmental graduate core courses for their area of focus. Students are expected to complete these courses during their first year of study.

Elective Courses

Students choose elective courses from any academic area that strengthens their knowledge in their area of focus and provides needed research topic training. Individual Investigations: Civil and Environmental Engineering (CEE:5998) is not considered a suitable elective.

Seminars

All full-time students are required to register for and participate in seminars in their respective program of study. This includes CEE:5096 Water, Energy, and Food Nexus Seminar for areas that fall under the water and environment curriculum (environmental engineering, environmental science, hydraulics, sustainable water development, and water resources) or CEE:5098 Graduate Seminar in Structures, Materials, Mechanics, and Transportation for students in transportation engineering or structures, mechanics, and materials.

Ethics Course

Students must enroll in ENGR:7270 Engineering Ethics.

Thesis

Students may earn up to 5 s.h. of research credit in CEE:5999 Research: Civil and Environmental Engineering MS Thesis. A total of 3 s.h. may be taken on an A-F graded basis at the discretion of the advisor.