

Civil & Environmental Engineering: Master's Degree (M.S.) Advanced Independent Study Requirements & Graduate Curriculum Form

Minimum Degree Requirements and Satisfactory Progress: [CIVIL AND ENVIRONMENTAL ENGINEERING, M.S.](#)

Civil and Environmental Engineering includes students with a variety of areas of intended specialization, there are no specific courses that are uniformly required for graduate degrees in Civil & Environmental Engineering. The student's faculty advisor along with two additional Civil & Environmental Engineering faculty form the student's Course Selection Committee and with the student, develop a curriculum in the student's area of interest. *Approval of the courses should occur during the student's first year of study, preferably during the first semester.*

Option B - Advanced Independent Study Option: Option B requires a **minimum of 30 credits** of graduate work, A minimum of 21 credits graduate-level coursework (300 level and higher); at least of 9 of the 21 credits must be in Civil and Environmental Engineering (may include the seminar course with approval from the advisor; may not include independent study or research courses) Some 300-level courses may require special faculty approval; minimum of one-credit seminar course. (Discuss seminar options with faculty advisor); a minimum of 3 credits of CIV ENGR 790 Master's Research or Thesis or CIV ENGR 999 Advanced Independent Study. A required written report based on the student's advanced independent study project does not have to meet UW-Madison Graduate School requirements for a thesis, but has to show independent thinking by the student. A faculty committee will review and approve the final report. A final examination is not required but may be requested by the faculty committee.

50% Graduate Coursework Requirement: (15 out of 30 credits) 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 "Grad 50% - Counts toward 50% graduate coursework requirement"** are identified and searchable in the university's [GUIDE](#). Courses numbered 700 and above are automatically counted toward graduate level minimum requirements.

Students must achieve a 3.0 grade point average or higher in all graduate work. Credit for courses in which the students earned less than a B cannot be counted toward the graduate degree without approval of the student's Course Selection Committee.

Student Name

Campus ID#

Student E-mail

Research Area

Faculty advisor name

Graduation Term (if known)

If the initial course plan is modified at a later date, then please submit a new course approval form signed by Faculty Advisor/Committee at the time of degree warrant request in the final term.

Tentative Course Plan

Final approved course plan

If this is a final approved course plan then please attach a separate page with a brief description of your thesis or project topic.

