



Civil & Environmental Engineering: Master's Degree Advanced Independent Study Requirements & Graduate Curriculum Form

STUDENT NAME: _____ CAMPUS ID#: _____ DATE: _____

ADVISOR NAME: _____ STUDENT EMAIL: _____

EXPECTED COMPLETION TERM: _____ CUMULATIVE GPA: _____

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

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

Pathway B - Advanced Independent Study: The independent study pathway requires a **minimum of 30 credits** of coursework, including **at least 21 credits** of graduate-level coursework (300 level and higher, some 300-level courses may require faculty approval). **At least 9** of the 21 credits must be in Civil & Environmental Engineering (upon faculty advisor approval this may include the seminar course). All graduate students must register for seminar once per academic year or per semester, depending on program area (discuss options with faculty advisor). At least **3 credits** of CIV ENGR 999 Advanced Independent Study are required. A required written report must be prepared based on the student's advanced independent study project. It 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.

GPA and credit requirements: Students must achieve a 3.0 grade-point average (GPA) or higher in all course-work. All courses must be numbered 300 and above in order to count towards the 30-credit curriculum requirement. Exclusions which cannot contribute to the 30-credit curriculum: Pass/fail, audit grades, ESL course-work.

1. Please check one of the below options, if you have approved prior-coursework counting towards your curriculum:
 - a. Prior-Coursework from UW-Madison undergraduate degree
 - b. Prior graduate coursework from another institution
2. 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.
 - a. Tentative Course Plan
 - b. Final approved course plan
3. **Enter curriculum on the next page.** If this is a final approved course plan then please enter a brief description of your Independent Study topic at the end of this form.
4. Please turn this complete, committee approved form in to your Graduate Student Coordinator (electronically is preferred).



UW ID# _____

Civil & Environmental Engineering: Master's Degree (M.S.) Advanced Independent Study Pathway

<i>Example of how to complete this form:</i>								
<i>Term/Year</i>	<i>Dept. Course & Title</i>	<i>Grade</i>	<i>Total Credits (min. 30)</i>	<i>Formal coursework (300+) (min. 21cr)</i>	<i>Civ. Engr. coursework (min. 9cr.)</i>	<i>Civ. Engr. Ind. Study, (min. 3cr.)</i>	<i>Seminar (min 1 cr.)</i>	<i>50% attribute (min. 15cr)</i>
Fall 2022	Civ. Engr 629 Special Topics in Env. Engr.	A	3	3	3			3
Spring 2023	Civ Engr 929 Seminar Env. Engr.	A	1		1		1	1
Summer 2023	Civ. Engr. 999 Independent Study	A	4		4	4		4
<i>Term/Year</i>	<i>Dept. Course & Title</i>	<i>Grade</i>	<i>Total Credits (min. 30)</i>	<i>Formal coursework (300+) (min. 21cr)</i>	<i>Civ. Engr. coursework (min. 9cr.)</i>	<i>Civ. Engr. Ind. Study, (min. 3cr.)</i>	<i>Seminar (min 1 cr.)</i>	<i>50% attribute (min. 15)</i>
Credit Totals								

Date _____

Date _____

Date _____



Enter a brief description of your Independent Study topic.