Department of Civil & Environmental Engineering
UNIVERSITY OF WISCONSIN–MADISON

Civil & Environmental Engineering: Master's Degree Thesis Pathway 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: RESEARCH, M.S. Civil & 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 A - Thesis: Students who wish to do advanced work and research in a well-defined area of specialization are encouraged to pursue this program.
The thesis pathway requires a **minimum of 30 credits** of coursework, including **at least 18 credits** of graduate-level coursework (300-level and higher, some 300-level courses may require faculty approval). **At least of 9** of the 18 credits must be in Civil & Environmental Engineering (upon faculty advisor approval this may include the seminar course). All graduate students must register for a seminar course once per academic year or per semester, depending on program area (discuss options with faculty advisor). At least **6 credits** of CIV ENGR 790 Master's Research/Thesis are required. A faculty committee will conduct a final examination on the thesis research. MS students completing a thesis must also submit a PDF of the approved thesis to the Graduate Coordinator to deposit into Minds at UW for electronic access and safe archiving.

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 thesis topic at the end of this form.

4. Please turn this complete, committee approved form in to your Graduate Student Coordinator (electronically is preferred).

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Student Name _____ UW ID#_____

Civil & Environmental Engineering: Master's Degree (M.S.) Thesis Pathway

Example of how to complete this form:								
Term/Year	*Dept. Course & Title*	*Grade*	*Total Credits (min. 30)*	*Formal coursework (300+) (min. 18cr)*	*Civ. Engr. coursework (min. 9cr.)*	*Civ. Engr. 790, (min. 6cr.)*	*Seminar*	*50% attribute (min. 15)*
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. 790 MS thesis research*	*S*	*4*		*4*	*4*		*4*

Term/Year	***Dept. Course & Title***	***Grade***	***Total Credits (min. 30)***	***Formal coursework (300+) (min. 18cr)***	***Civ. Engr. coursework (min. 9cr.)***	***Civ. Engr.790, (min. 6cr.)***	***Seminar***	***50% attribute (min. 15)***
	Credit Totals		0	0	0	0	0	0

_____ _____ _____
Faculty Advisor Name (Print/Type) Signature Date

_____ _____ _____
Faculty Member (Print/Type) Signature Date

_____ _____ _____
Faculty Member (Print/Type) Signature Date

Update: July 2023

Enter a brief description of your thesis topic.