



Proposed PhD Minor Requirements

The purpose of a minor is to give breadth and depth to the PhD program beyond the major area and thesis subject by studying a coherent body of work that:

- (1) is separate and distinct from the major;
- (2) develops specialized skills; and
- (3) is taken as a graduate student.

Students may **choose either Option A or Option B** to satisfy the PhD minor requirements. Approval of the courses should occur during the student's first year of study, preferably during the first semester. If a student desires to modify their course plan, he or she should submit a new course approval form signed by their Course Selection Committee.

Option A and Option B: A **complete proposal must** include a list of the specific courses selected for the minor and a one or two paragraph statement that explains how the proposed courses provide a coherent body of work that develops specialized skills distinct from the major. The proposal must also include a list of courses completed and planned for the major and a brief description of the expected thesis topic. The minor proposal must be approved before the time six of the total credits required for the minor are completed or within the first year of study.

****All courses must be graduate level courses (300 level or higher). Research Courses (CEE 790, 890, 990) cannot be included. A maximum of 3 credits of independent study (699, 799, 899, 999) may be included. 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.**

Option A – External Minor Requirements

Option A requires a minimum of 9 credits in a single department or major field of study. The student should contact the individual Department for specific requirements (some Departments may require more than 9 credits for the minor) and obtain approval of the proposed minor from the minor Department.

Option B – Distributed Minor Requirements

Option B allows a student to develop breadth and special skills not available in a single department/major field of study. A minimum of 9 course credits in one or more departments, possibly including course work in the major department, must be completed.

Turn this form into the CEE Graduate Coordinator in the Student Services office, within the first year of study. The major and minor coursework must be complete at the time of Preliminary Warrant request.

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Ph.D. Minor Agreement Form – Option B, Distributed Minor

Option B - Procedures

PhD minor option B proposals must be approved by at least three faculty members of the student's PhD thesis committee and then turned in to the CEE Graduate Coordinator.

 Name (last, first)

 10-digit ID number

 Name of degree major

 E-mail address

 Minor area(s) of specialization

 Area of specialization within CEE

_____ Original Agreement _____ Revised
 Date

List minor courses as they will appear on your UW-Madison transcript:

Dept.	Course #	Course Title	#Cr.	Grade	Semester/Yr planned/taken

****Student's justification for selection of Option B as a minor (if necessary please provide additional information on a separate page):**

Approved by: _____ Date: _____
 (Major advisor-Faculty Committee member)

_____ Date: _____
 (Faculty Committee member)

_____ Date: _____
 (Faculty Committee member)

Turn this form into the CEE Graduate Coordinator in the Student Services office, within the first year of study. The major and minor coursework must be complete at the time of Preliminary Warrant request.



Proposed PhD Major Coursework Curriculum

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. Ph.D. students must complete both Major and Minor coursework. 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. If a student desires to modify their course plan, he or she should submit a new course approval form signed by their Course Selection Committee. The Graduate School PhD Minimum Graduate Degree Credit Requirement is **51 credits**, maintaining a cumulative Grade Point Average (GPA) of 3.00 (on a 4.00 scale). Credit for courses in which the students earned less than a B cannot be counted toward the graduate degree curriculum without approval of the student's Course Selection Committee.

At the time of PhD preliminary exam student must have met the graduate minimum residence credit requirement, **32 credits** (minor coursework may be counted towards the 32 credit total).

50% 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](#). Courses numbered 700 and above are automatically counted toward graduate level minimum requirements.

1. **Complete the course list on the following page.**
Minimum Degree Requirements and Satisfactory Progress
http://grad.wisc.edu/catalog/degrees_cee_criteria.htm
2. **Please write a brief description of your research topic (provide additional information on a separate page if necessary):**

Approved by: _____ Date: _____
 (Major Advisor-Faculty Committee Member)

_____ Date: _____
 (Faculty Committee Member)

_____ Date: _____
 (Faculty Committee Member)

