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 10 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.
Ph.D. Minor Agreement Form – Option A, External Minor

Option A - Procedures
PhD minor option A proposals must be approved by at least three faculty members of the student’s PhD thesis committee and the minor department, then turned in to the CEE Graduate Coordinator.

Name (last, first)  10-digit ID number

Name of degree major  Area of specialization within CEE

Minor area(s) of specialization

___________________________  ____ Original Agreement  _____ Revised
Date

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

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<th>Dept.</th>
<th>Course #</th>
<th>Course Title</th>
<th>#Cr.</th>
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**Student’s justification for selection of Option A as a minor (please provide additional information on a separate page if necessary):**

Approved by:  Date: ______________________
(Signature from minor dept. representative)

___________________________  Date: _________________
(Major Advisor-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.
Updated: 08-26-2015 cl
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.

________________________________________ Date: ______________________
(Faculty Committee member)

10-digit ID number

Name (last, first)

Name of degree major

Area of specialization within CEE

Minor area(s) of specialization

Date

Original Agreement Revised

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

Approved by: ____________________________ Date: _________________
(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.
Updated: 08-26-2015 cl
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.

1. **Complete the course list on the following page.**
   **Minimum Degree Requirements and Satisfactory Progress**
   [http://grad.wisc.edu/catalog/degrees_cee_criteria.htm](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):**

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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.

Updated: 08-26-2015 cl
List here your proposed courses for the major: 51 credits

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List Independent Study and Research Credits 999, 790, 890, 990) attach add'l sheet if necessary

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. Updated: 08-26-2015 cl