



Proposed PhD Minor Requirements Civil & Environmental Engineering; Geological Engineering

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 (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.



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 Graduate Coordinator.

 Name (last, first)

 10-digit ID number

 Name of degree major

 E-mail address

 Minor Department

____ Original Agreement ____ Revised

List PhD minor courses, Option A:

Dept. & Course #	Course Title	#Cr.	Grade	Semester planned or taken

One to two paragraph statement that explains how the proposed courses provide a coherent body of work that develops specialized skills distinct from the major. (please provide additional information on a separate page if necessary):

 Minor Department Representative

 Signature

 Date

 Major Faculty Advisor Name

 Signature

 Date

 Committee member

 Signature

 Date

 Committee member

 Signature

 Date



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 Graduate Coordinator.

 Name (last, first)

 10-digit ID number

 Name of degree major

 E-mail address

 Minor area(s) of specialization

_____ Original Agreement _____ Revised

List PhD minor Option B courses, minimum of 9 course credits in one or more departments

Dept. & Course #	Course Title	#Cr.	Grade	Semester planned or taken

One to two paragraph statement that explains how the proposed courses provide a coherent body of work that develops specialized skills distinct from the major. (please provide additional information on a separate page if necessary):

 Major Faculty Advisor Name

 Signature

 Date

 Committee member

 Signature

 Date

 Committee member

 Signature

 Date