

<b>DOCTOR OF PHILOSOPHY</b> <b>Major in Soil Science</b> <b>Certification of Minimum Requirements</b>			
Graduate students and faculty members are requested to consult the Graduate School catalogue and the Department of Soil Science Graduate degree requirements to become fully aware of the degree requirements of the Graduate School and of the Department of Soil Science.			
Copies of this completed Certification form will, when signed by the Certification Committee, be distributed to the student and the Major Professor(s). The Certification form containing the original signatures will be kept in the Department as the official Certification form. It is the responsibility of the student and the major professor to update the official Certification form as the student progresses in his/her program of graduate studies (updated copies will be provided to the student and the Major Professor). The official Certification form, together with other pertinent information, should be available at the student's degree oral examinations. Please print or type except where signature is indicated.			
<b>Name:</b> _____ <div style="display: flex; justify-content: space-around; font-size: small;"> <span>(Last)</span> <span>(First)</span> <span>(MI)</span> </div>		<b>Student ID:</b> _____	
ACADEMIC HISTORY			
University or College	Major/Minor Subject	Degree	Date Granted
Ph.D. PROGRAM			
<b>Ph.D. Major</b> Department: _____  <div style="margin-left: 40px;">Major Professor(s): _____</div> <div style="margin-left: 40px;">Major Professor(s): _____</div> <div style="margin-left: 40px;">_____</div> <div style="margin-left: 40px;">_____</div>			
<b>Ph.D. Minor</b>	<div style="display: flex; align-items: center;"> <input style="width: 30px; height: 20px; margin-right: 10px;" type="checkbox"/> Option A - External           <div style="margin-left: 20px;">Department: _____</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <input style="width: 30px; height: 20px; margin-right: 10px;" type="checkbox"/> Option B - Distributed           <div style="margin-left: 20px;"></div> </div>		
<b>Subject Area or Title of Dissertation</b>			
PROPOSED TIME FRAME FOR COMPLETION OF Ph.D. DEGREE			
<div style="display: flex; justify-content: space-between;"> <div>           Program Start Date: _____             Certification Forms Approved: _____             Prospectus: _____             Prelim Exam: _____             Final Exam: _____         </div> <div style="width: 40%;">           (Must be approved before the end of the first semester)            (Must be completed by the end of the 3rd semester)            (Must be completed by the end of the 4th semester)         </div> </div>			
<b>NOTE:</b> Candidates who do not adhere to these deadlines must provide written justification for the delay to the Certification Committee			

ACADEMIC PROGRAM FOR Ph.D. IN SOIL SCIENCE				
List course <b>title</b> , <b>number</b> , <b>credits</b> , and <b>where</b> and <b>when</b> taken, and <b>grade</b> (UW-Madison equivalent). <b>If requirements have not been fulfilled, list the courses to be taken and add date and grade as the courses are completed.</b>				
<b>Minimum Required Courses in Basic Sciences<sup>1</sup></b>				<b>Office Use Only</b> <input type="text"/>
Course Title/Number	Credits	Institution	Sem/Yr Taken	Grade
Mathematics: Calculus (Math 221, 5cr and Math 222, 5cr)				
Statistics Introductory, 3cr				
Chemistry: Any combination of 9 credits, such as: Chem 109 (5cr) and Chem 327 (4cr); or Chem 103-104 (9cr)				
Physics: Physics 103, 4cr				
Biology: Any 3 credits from: Bot/Zool 151 (5cr); Bot/Zool 152 (5cr); Biocore 301 (3cr); Biocore 303 (3cr); Bot 350 (3cr); Bot 500 (3-4cr); Bot/Forest/Zool 460 (4cr); Biochem 501 (3cr); Biochem 507 (3-4cr)				
<sup>1</sup> These courses (taken at UW-Madison or elsewhere) include an "or equivalent" qualifier.				
<b>Minimum Required Courses in Soils<sup>2</sup></b>				<b>Office Use Only</b> <input type="text"/>
Course Title/Number	Credits	Institution	Sem/Yr Taken	Grade
General Soil Science (Soil Sci 301, 4cr)				
Pedology (Soil Sci 325, 3cr)				
Soil Physics (Soil Sci 532, 3cr; or 622, 3cr)				
Soil Chemistry (Soil Sci 621, 3cr; or 626, 3cr)				
Soil Biology (Soil Sci 523, 3cr)				
<sup>2</sup> These courses (taken at UW-Madison or elsewhere) include an "or equivalent" qualifier. Must be completed with a grade of B or better (BC and C may not be offset by grades of AB and A).				
<b>8 Credits of <math>\geq 500</math> Level Courses Taken as a Graduate Student at UW-Madison</b>				<b>Office Use Only</b> <input type="text"/>
Course Title/Number	Credits	Institution	Sem/Yr Taken	Grade
2 credits of a $\geq 500$ level departmental seminar				
6 credits of $\geq 500$ level courses (non-research)				
<b>Soil Science Teaching Qualifications</b>				<b>Office Use Only</b> <input type="text"/>
Soil Science 799	Credits	Institution	Sem/Yr Taken	Grade
Written Plan Attached and Approved ..... CC initials <input type="text"/>				
NOTE: Graduate School requires a minimum of 32 graduate level non-research courses to be taken at UW-Madison with an average grade of B or better.				
<b>Signatures Required: CERTIFICATION COMMITTEE APPROVAL OF ACADEMIC PROGRAM</b>				
Major Professor(s) Signature		Certification Committee Signature		
Certification Committee Signature		Date Approved		

### DOCTORAL COMMITTEE COMPOSITION

The Doctoral Committee is a committee of five or more faculty members chosen by the Major Professor and the student, subject to approval by the Certification Committee. A minimum of three members must be drawn from the Soil Science faculty. Representation of the Minor Department is at the option of the Minor Department, but the Department of Soil Science recommends that the Minor Professor be on the Committee.

Type or print name and affiliated subject area of Doctoral Committee members below.

Major Professor: \_\_\_\_\_  
(name) (subject area)

Major Professor: \_\_\_\_\_  
(name) (subject area)

Minor Professor: \_\_\_\_\_  
(name) (subject area)

Soil Science Faculty: \_\_\_\_\_  
(name) (subject area)

Soil Science Faculty: \_\_\_\_\_  
(name) (subject area)

Faculty: \_\_\_\_\_  
(name) (subject area)

Faculty: \_\_\_\_\_  
(name) (subject area)

### PRELIMINARY EXAMINATION COMMITTEE COMPOSITION

The Preliminary Examination Committee is composed of five or more members of the faculty, to include: the Major Professor, the Minor Professor if the Minor Department agrees to be represented, faculty members from three subject matter areas in Soil Science (Major Professor counts as one of the three). At least one faculty member must be from outside of the department.

Type or print name and affiliated subject area of Preliminary Examination Committee members below.

Major Professor: \_\_\_\_\_  
(name) (subject area)

Major Professor: \_\_\_\_\_  
(name) (subject area)

Minor Professor: \_\_\_\_\_  
(name) (subject area)

Soil Science Faculty: \_\_\_\_\_  
(name) (subject area)

Soil Science Faculty: \_\_\_\_\_  
(name) (subject area)

Faculty: \_\_\_\_\_  
(name) (subject area)

Faculty: \_\_\_\_\_  
(name) (subject area)

### Signatures Required: CERTIFICATION COMMITTEE APPROVAL OF COMMITTEE COMPOSITIONS

Major Professor(s) Signature

Certification Committee Signature

Certification Committee Signature

Date Approved

***Signatures Required: PROSPECTUS APPROVAL BY DOCTORAL COMMITTEE***

Major Professor Signature \_\_\_\_\_

Soil Science Faculty Signature \_\_\_\_\_

Major Professor Signature \_\_\_\_\_

Soil Science Faculty Signature \_\_\_\_\_

Minor Professor Signature \_\_\_\_\_

Faculty Signature \_\_\_\_\_

Faculty Signature \_\_\_\_\_

**OFFICE USE ONLY**

Prospectus Approved by Doctoral  
Committee: \_\_\_\_\_

(date)

☐

Preliminary Exam Passed by  
Preliminary Exam Committee: \_\_\_\_\_

(date)

☐

Final Oral Exam Passed by  
Doctoral Committee: \_\_\_\_\_

(date)

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**Soil Science Graduate  
Program Examination  
Evaluation on file in  
Department Office**