Name:_____

MASTER OF SCIENCE
Major in Soil Science
Certification of Minimum Requirements

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.**

Name: _____ **Student ID:** _____
(Last) (First) (MI)

ACADEMIC HISTORY

University or College	Major/Minor Subject	Degree	Date Granted

M.S. PROGRAM

M.S. Major Department: _____

Professor(s): _____

_____

Subject Area or Title of Thesis

PROPOSED TIME FRAME FOR COMPLETION OF M.S. DEGREE

Program Start Date: _____

Certification Forms Approved: _____ (Must be approved by end of 1st semester)

Presentation of Research Plan: _____ (Must be completed by end of 3rd semester)

Expected Finish Date: _____

NOTE: There are no deadlines for completing the M.S. degree. However, students enrolled full time are expected to complete their degree requirements within 2-3 years.

Name:_____

DEPARTMENTAL REQUIREMENTS FOR M.S. IN SOIL SCIENCE

List course **title**, **number**, **credits**, and **where** and **when** taken, and **grade** (UW-Madison equivalent). **If requirements have not been fulfilled, list the courses to be taken and add date and grade as the courses are completed.**

Minimum Required Courses in Basic Sciences[1]

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Course Title/Number		Credits	Institution	Sem/Yr Taken	Grade
Mathematics:	Calculus (Math 221, 5cr; or 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)				

[1]These courses (taken at UW-Madison or elsewhere) include an "or equivalent" qualifier.

Minimum Required Courses in Soils[2] (Total of 17 credits required)

Office Use Only ☐

Course Title/Number	Credits	Institution	Sem/Yr Taken	Grade
General Soil Science (Soil Sci 301, 4cr)				
Graduate Seminar (Soil Sci 728, 1 cr)				
Pedology (Soil Sci 325 (3 cr)				
At least one course in 3 of the following 5 subject areas:				
Soil Physics: Soil Sci 322 (3 cr); Soil Sci 532 (3 cr); Soil Sci 622 (3 cr)				
Soil Chemistry: Soil Sci 321 (3 cr); Soil Sci 621 (3 cr); or Soil Sci 626 (3 cr)				
Soil Biology: Soil Sci 323 (3 cr); Soil Sci 523 (3 cr); or Soil Sci 623 (3 cr)				
Soil Fertility: Soil Sci 326 (3 cr)				
Spatial Analysis: Geo 377 (4 cr); Soil Sci/Land Arch 695 (3cr); or F&Wecol/CivEngr/Ies 301 (1 cr)				
Other soil science courses to reach the 17 credit requirement				

[2]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).

7 Credits of ≥500 Level Courses Taken as a Graduate Student at UW-Madison

Office Use Only ☐

Course Title/Number	Credits	Institution	Sem/Yr Taken	Grade
1 credit of a ≥500 level departmental seminar				
6 credits of ≥500 level courses (non-research)				

NOTE: Graduate School requires a minimum of 16 graduate level non-research courses to be taken at UW-Madison with an average grade of B or better.

Name:_____

Signatures Required: **CERTIFICATION COMMITTEE APPROVAL OF ACADEMIC PROGRAM**

Major Professor(s) Signature

Certification Committee Signature

Certification Committee Signature

Date Approved

EXAMINATION COMMITTEE COMPOSITION

The Master's Examination Committee consists of at least three faculty members of defensible breadth, a minimum of two drawn from the Soil Science faculty. Defensible breadth shall be subject to Certification Committee approfval. The third member of the committee must have a degree equivalent to that pursued by the student and be approved by the Certification Committee. Candidates for a joint major need at least two faculty members from the Department of Soil Science.

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

Major Professor: _____ (name) _____ (subject area)

Major 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 EXAMINATION COMMITTEE COMPOSITION**

Major Professor(s) Signature

Certification Committee Signature

Certification Committee Signature

Date Approved

OFFICE USE ONLY

Written Research Plan Passed: _____ (date) ☐

Final Examination Passed: _____ (date) ☐ **Soil Science Graduate Program Examination Evaluation on file in Department Office**

Graduate Course Work (50%) Credits ☐ **15 credits minimum**

Graduate Degree Credits ☐ **30 credits minimum**

Departmental Degree Requirements Met: ☐

PDF of Thesis Received: ☐