

## **Minor in SOIL SCIENCE**

Cornell University, College of Agriculture and Life Sciences

*August 2009 update*

**ELIGIBILITY FOR THE MINOR:** Any student in any major at Cornell University may apply by filing a letter with the Director of Undergraduate Studies in Crop and Soil Sciences stating their intention to minor in Soil Science. The letter should identify the student's college, major(s), and academic advisor(s) and be filed before the third week of their next-to-last semester as an undergraduate student at Cornell University. The Director of Undergraduate Studies will assign a minor advisor and maintain a list of minor students and their minor advisors. The student and the minor advisor together will plan an individualized curriculum to meet the requirements for the Minor in Soil Science. It is up to the student to keep the major advisor(s) informed of these plans.

### **REQUIREMENTS OF THE MINOR:**

The minor in Soil Science consists of a total of 15 credits in soil science coursework.

To graduate with a Minor in Soil Science, the student must submit to the minor advisor a "**List of Courses Taken that Satisfy the Requirements for a Minor in Soil Science**," including the credit assigned and the grade given. At least half of the courses must be taken at Cornell for the minor to be reported on the Cornell transcript. The student must also provide a copy of his or her transcript (downloaded from the web site) to verify the course work and grades. The minor advisor will sign and date the "List of Courses..." and indicate in writing on the list that the requirements have been met. The minor advisor should retain a copy of the completed "List of Courses..." and notify the College Registrar that the requirements have been satisfied by signing the Application to Graduate in the appropriate place.

### **CONTACT:**

Antonio DiTommaso, 903 Bradfield Hall (607-254-4702) [ad97@cornell.edu](mailto:ad97@cornell.edu)

Or

Sue Bishop, 234 Emerson Hall (607/255-5459) [skp5@cornell.edu](mailto:skp5@cornell.edu)

**Note:** Those students who wish to assure that they have met the minimum course requirements for a US Federal Government Civil Service classification as Soil Conservationist (GS-0457) or Soil Scientist (GS-0470) should review the qualifications on the relevant web pages and discuss these with their minor advisor.

CIVIL SERVICE REQUIREMENTS can be reviewed on the World Wide Web:  
Qualification Standards for General Schedule Positions

<http://www.opm.gov/qualifications/SEC-IV/B/GS0400/0457.HTM>

<http://www.opm.gov/qualifications/SEC-IV/B/GS0400/0470.HTM>

**SOIL SCIENCE MINOR (continued)**  
**ELIGIBLE COURSES**

Soil Science.

CSS 2600 (Soil Science) 4 cr  
CSS 3210 (Soil Management for Sustainability) 2 cr  
CSS 3620 (Soil Morphology) 1 cr  
CSS 3630 (Soil Genesis, Classification, and Survey) 4 cr  
CSS 3650 (Environmental Chemistry: Soil, Air, and Water) 3 cr  
CSS 3720 (Nutrient Management in Agroecosystems) 4 cr  
CSS /ANSC 4120 (Whole-Farm Nutrient Management) 4 cr  
CSS / HORT 4660 (Soil Ecology) 4 cr  
CSS 4720 (Nutrient Management and Research in Agroecosystems) 4 cr.  
CSS / EAS 4830 (Land, Water, Agriculture, and Environment) 3 cr.

Biological, Physical, and Earth Sciences.

BEE 3710 (Physical Hydrology for Ecosystems) 3 cr  
BEE 4710 (Introduction to Groundwater) 3 cr  
BEE 4730 (Watershed Engineering) 4 cr  
BEE 4740 (Water and Landscape Engineering Applications) 3 cr

Natural Resources and Agriculture.

CSS/CEE 4110 (Environmental Information Science) 3 cr  
CSS 4200 (Geographic Information Systems) 4 cr

**Courses Taken that Satisfy the Requirements for  
a Minor in SOIL SCIENCE**

**Student information:**

Name: \_\_\_\_\_

Phone number: \_\_\_\_\_

Major: \_\_\_\_\_

e-mail: \_\_\_\_\_

Current address:

**Minor Advisor's Approval:**

Name: \_\_\_\_\_

Home address:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**15 credits in soil science coursework required**

<b><u>List Courses Taken:</u></b>	<b><u>Credit</u></b>	<b><u>Grade</u></b>	<b><u>Semester</u></b>
Courses at Cornell			

Transferred Courses