

# Soil Science (Minor)

The minor in Soil Science is offered to all undergraduate students at NC State University, with the exception of those enrolled in a major within the Department of Crop & Soil Science. The minor strengthens the understanding of basic physical, chemical, and microbiological soil properties that would be relevant to a student's particular land management interest. The Soil Science minor is a perfect complement for students majoring in Biological and Agricultural Engineering, Environmental Science, Forestry, Geology, Horticulture, or Landscape Architecture.

## Admissions

Admission to the minor requires a cumulative grade point average of 2.0 or better. Students should contact the Crop and Soil Sciences Undergraduate Programs Office to inquire about adding the minor no later than the registration period for the student's final semester at NC State.

## Certification

The minor should be declared as soon as the student makes the decision to pursue a minor. Minor coursework must be completed no later than the semester in which the student expects to graduate from his or her degree program.

## Contact Person

Undergraduate Programs Office  
Crop & Soil Sciences Department  
2234 Williams Hall  
Campus Box 7620  
919-515-5820  
cropsoil-undergraduate-office@ncsu.edu

**SIS Code:** 11SSM

**Effective Date:** 8.2016

### Plan Requirements

A minimum of 17 hours is required for the minor in Soil Science. Students are required to complete 4 credits of required courses and a minimum of 13 credits of restricted elective courses. A minimum grade of 'C-' or better is required in each course selected. No courses for the minor may be taken using the S/U option.

Students majoring in Agroecology and Sustainable Food Systems (11ASFSBS), Crop and Soil Sciences (11CSSCBS), and Natural Resources - Soil, Water and Land Use (11NATRLBS) are not eligible to enroll in this minor.

Code	Title	Hours
<b>Required Courses</b>		<b>4</b>
SSC 200	Soil Science	
SSC 201	Soil Science Laboratory	
<b>Restricted Elective Courses</b>		<b>13</b>
BAET 323	Water Management	
SSC 332	Environmental Soil Microbiology	
SSC 341	Soil Fertility and Nutrient Management	
SSC 342	Soil and Plant Nutrient Analysis	

SSC 427	Biological Approaches to Sustainable Soil Systems	
SSC 428	Soil Management Principles for Sustainable Agriculture	
SSC 440	Geographic Information Systems (GIS) in Soil Science and Agriculture	
SSC 442	Soil and Environmental Biogeochemistry	
SSC 452	Soil Classification	
SSC 455	Soils, Environmental Quality and Global Challenges	
SSC 461	Soil Physical Properties and Plant Growth	
SSC 462	Soil-Crop Management Systems	
SSC 470	Wetland Soils	
CSSC 495	Special Topics in Crop and Soil Sciences	
<b>Total Hours</b>		<b>17</b>