

**Recommended Academic Plan for Environmental Soil Science (ESOIL at UP)  
Effective Summer 2007**

Semester 1	Credits	Semester 2	Credits
<i>MATH 110 or 140 (GQ)</i>	4	<i>STAT 200, 240, or 250 (GQ)</i>	3-4
Humanities (GH)	3	<i>CHEM 110 (GN)</i>	3
<b>SOILS 101</b>	3	<i>CHEM 111 (GN)</i>	1
Arts (GA)	3	United States/International Cultures (US:IL)	3
First-Year Seminar (AG 150)	2	Health and Physical Activity (GHA)	1
SOILS 190	1	<i>ENGL 015 or 030 (GWS)</i>	3
Total Credits:	16	Total Credits:	14-15
Semester 3	Credits	Semester 4	Credits
<i>CAS 100 (GWS) Effective Speech</i>	3	<i>PHYS 250 or 211 (GN)</i>	4
<b>SOILS 415</b>	3	<b>SOILS 401</b>	3
GEOSC 001 or 071	3	Specialization Selection	3
<i>CHEM 112 (GN)</i>	3	Humanities (GH)	3
<i>CHEM 113 (GN)</i>	1	<i>AG BM 101, ECON 002, ECON 004, or ECON 014 (GS)</i>	3
<i>BIOL 027 or 110 (GN)</i>	3-4	Health and Physical Activity (GHA)	1
Total Credits:	16-17	Total Credits:	17
Semester 5	Credits	Semester 6	Credits
Specialization Selection	3	<b>SOILS 402 or 419</b>	3-4
SOILS 100	1	Specialization Selection	3
GEOSC 452	3	<i>CHEM 202 or 210 (GN)</i>	3-4
SOILS 412W	3	Specialization Selection	3
Health and Physical Activity (GHA)	1	Social/Behavior Science (GS)	3
AGRO 028, FOR 203, HORT 101, TURF 235, or BIOL 220W	3-4		
Total Credits:	14-15	Total Credits:	15-17

Semester 7	Credits	Semester 8	Credits
<b>SOILS 416</b>	3	SOILS 490	1
SOILS 450	3	Arts (GA)	3
Specialization Selection	3	E R M 433	3
SOILS 420	3	<i>ENGL 202 (GWS)</i>	3
E R M 411 or AG 301W	3	Specialization Selection	3
		Electives	0-2
Total Credits:	15	Total Credits:	13-15

- **Bold type** indicates courses requiring a quality grade of C or better.
- *Italics* indicates courses that satisfy both major and General Education requirements.
- GWS, GHA, GQ, GN, GA, GH, and GS are codes used to identify General Education requirements.
- US, IL, and US;IL are codes used to designate courses that satisfy University United States/International Cultures requirements.
- W is the code used to designate courses that satisfy University Writing Across the Curriculum requirements.

**Scheduling patterns for courses not taught each semester:** SOILS 190, SOILS 415, BIOL 027, BIOL 110, GEOSC 452, SOILS 412W, AGRO 028, FOR 203, TURF 235, SOILS 416, SOILS 450, SOILS 420, E R M 411, and AG 301W are only taught in Fall Semester

SOILS 401, SOILS 402, SOILS 419, BIOL 220W, SOILS 490, and E R M 433 are only taught in Spring Semester

**Program Notes:** Students are allowed to select any minor in the University to satisfy their 18-credit specialization requirement. They are also allowed to complete sequences of Math, Physics, Chemistry, Biology, or other subjects where only part of the sequence is required for the major. There is a long incomplete list of courses that are part of the degree audit system that are automatically included in the specialization category, but in most cases, petitions are used to add courses that make sense for an individual student.

**Academic Advising Notes:** It is important to look ahead to fulfill prerequisites so that students can schedule courses taught only in the Fall Semester as early as possible. This becomes even more critical if students select a specialization that also has several courses only taught in the Fall Semester.