

**Recommended Academic Plan for Environmental Soil Science (ESOIL at non-UP campus)
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
<i>ENGL 015 or 030 (GWS)</i>	3	<i>CHEM 111 (GN)</i>	1
Arts (GA)	3	United States/International Cultures (US:IL)	3
First-Year Seminar	1	Health and Physical Activity (GHA)	1
Health and Physical Activity (GHA)	1	<i>CAS 100 (GWS) Effective Speech</i>	3
Total Credits:	15	Total Credits:	14-15
Semester 3	Credits	Semester 4	Credits
<i>AG BM 101, ECON 002, ECON 004, or ECON 014 (GS)</i>	3	<i>PHYS 250 or 211 (GN)</i>	4
Arts (GA)	3	<i>ENGL 202 (GWS)</i>	3
Humanities (GH)	3	Social/Behavior Science (GS)	3
<i>CHEM 112 (GN)</i>	3	GEOSC 001 or 071 (020 is ok)	3
<i>CHEM 113 (GN)</i>	1	Health and Physical Activity (GHA)	1
<i>BIOL 027 or 110 (011 is ok)(GN)</i>	3-4		
Total Credits:	16-17	Total Credits:	14
Semester 5	Credits	Semester 6	Credits
SOILS 420	3	SOILS 402 or 419	3-4
SOILS 101	3	Specialization Selection	3
Specialization Selection	3	<i>CHEM 202 or 210 (GN)</i>	3-4
SOILS 412W	3	Specialization Selection	3
SOILS 190	1	AGRO 028, FOR 203, HORT 101, TURF 235, or BIOL 220W	3-4
SOILS 415	3		
Total Credits:	16	Total Credits:	15-18

Semester 7	Credits	Semester 8	Credits
SOILS 416	3	SOILS 490	1
SOILS 450	3	SOILS 401	3
GEOSC 452	3	E R M 433	3
E R M 411 or AG 301W	3	Specialization Selection	3
Specialization Selection	3	Specialization Selection	3
SOILS 100	1	Elective	0-3
Total Credits:	16	Total Credits:	13-16

- **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. If SOILS 101 is taught on your campus, it will help the student to have the course prior to arriving at the University Park campus. If SOILS 101 is not taught on your campus, it would help the student if they could move to the University Park campus one semester early to allow them to take Soils 101 in Spring Semester prior to starting 400-level courses in SOILS rather than having to take it concurrently with several 400-level SOILS courses.