

Dept of Crop and Soil Sciences

Soil Science- Environmental Option

Advising Sheet • Fall 2008

Student Name _____

Option: _____

Student ID# _____

Advisor: Dr. John Reganold, 335-8856, reganold@wsu.edu

Email _____

GENERAL EDUCATION REQUIREMENTS (42 credits)

	<u>Credits</u>	<u>Term</u>	<u>Grade</u>	<u>Offered</u>
World Civilization				
GEN ED 110 [A]	3	_____	_____	F,S,SS
GEN ED 111 [A]	3	_____	_____	F,S,SS
Communication Proficiency				
ENGL 101 [W]	3	_____	_____	F,S,SS
HD 205 [C]				
or COMST 102 [C]	3	_____	_____	F,S,SS
Intercultural [I,G,K]				
	3	_____	_____	F,S,SS
Arts and Humanities [H or G]				
	3	_____	_____	F,S,SS
Arts and Humanities/Social Sciences				
ELECTIVE [H,G,S, or K]	3	_____	_____	F,S,SS
Social Sciences and Humanities				
ECONS101 or ECONS102 [S]	3	_____	_____	F,S,SS
Mathematics Proficiency				
STAT 212 [N]	3	_____	_____	F,S,SS
Sciences				
BIOL106 [B]	4	_____	_____	F,S,SS
BIOL107 [B]				
or BIOL 120 [B]	4	_____	_____	F,S,SS
CHEM 101 [P] or 105 [P]	4	_____	_____	F,SS
Tier III Course _____				
	3	_____	_____	F,S,SS
Diversity [D] _____S,F,SS				

NOTE: 42 GER credits listed above meet both WSU GER minimum requirement and additional departmental major and option requirements

NOTE: General Education Requirements (GER) relative to catalog for year student begins college

CHECKLIST COMPLETE

GER	(42 credits)	_____
Soil Science Core	(40 credits)	_____
Environmental Option	(23 credits)	_____
Electives	(15 credits)	_____
TOTAL	(at least 120 credits)	_____
At least 40 of the 120 credits upper division		_____
Certification of Major		_____
***To certify in CSS, you must have at least 24 credit hours		
Writing in the major (6 cr. M courses)		_____
Writing Portfolio/Writing Exam		_____

SOILS CORE REQUIREMENTS (40 credits)

	<u>Credits</u>	<u>Term</u>	<u>Grade</u>	<u>Offered</u>
SOILS 201 Soil: A Living System	3	_____	_____	F,S
CHEM 102 Chem related to Life Science or				
CHEM 106 Principles of Chemistry II	4	_____	_____	S
SOILS 301 [M] Ecological Soil Mgt	3	_____	_____	S
SOILS 412 Seminar	1	_____	_____	S
SOILS 413 Soil Physics or				
SOILS 431 Soil Microbiology	3	_____	_____	F
SOILS 421 Soil Chemistry or				
SOILS 441 Soil Fertility	3	_____	_____	S
SOILS 442 Soil-Plant-Water Syst	3	_____	_____	F
SOILS 451 [M] Pedology	3	_____	_____	F
CROPS 495, 497, 498, or 499- Research Experience, Study Abroad, Internship, or Special Topics	1	_____	_____	F,S
MATH 107 Precalculus	4	_____	_____	F,S,SS
MATH 140 or 171 Math for Life Science	4	_____	_____	F,S,SS
PHYS 101 or 102 General Physics	4	_____	_____	F,S,SS
GEOL 102 Physical Geology	4	_____	_____	S

Option Requirements:

Soils are an essential component of agricultural and natural ecosystems. The Environmental Soils option is for students interested in becoming a natural resource conservationist, environmental consultant, environmental policy advisor, or environmental researcher by specializing in the application of basic soil principles to soils and environmental stewardship.

OPTION: Environmental Soils (23 credits)

Required Courses:	<u>Credits</u>	<u>Term</u>	<u>Grade</u>	<u>Offered</u>
BIOL 372 General Ecology	4	_____	_____	F
CHEM 345 Organic Chemistry	3	_____	_____	F,S
ES/RP 311 Nat Resource Econ	3	_____	_____	F
ES/RP 4xx Elective	3	_____	_____	F,S
ES/RP 444 Environ Assessment	4	_____	_____	F,S
SOILS 468 ArcGIS & Geo Analysis	4	_____	_____	F
SOILS 414/415 Environ Biophysics	3	_____	_____	S

Electives:

Elective courses may assist students in fulfilling a minor, or may be courses that are of interest to the student, yet do not meet any specific requirement. A minimum of 15 credits is needed in addition to the GER, Soil Science Core, and Environmental Option courses listed above, however students may take additional credits if desired.

Minimum 14 _____

Minors:

Students can obtain minors from many departments. Below is information on minors which cropping systems students may find useful. If you decide to pursue a minor, work with your advisor and an advisor in the department of your minor to ensure that all requirements are met.

Advisor Notes: