

Dept of Crop and Soil Sciences

Soil Science- Management Option

Advising Sheet • Fall 2008

Student Name _____

Option: _____

Student ID# _____

Advisor: Dr. Bruce Frazier, 335-2381, bfrazier@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)	_____
Management Option	(22 credits)	_____
Electives	(16 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:

Soil Management is the cornerstone of agricultural systems. This option is for students interested in becoming farm managers, soil/crop advisors and agricultural industry consultants by specializing in the application of soil, plant, and environmental principles of food and fiber production.

OPTION: Management (22 credits)

Required Courses:

	<u>Credits</u>	<u>Term</u>	<u>Grade</u>	<u>Offered</u>
AGTM 315 Irrigation & Water Sys	3	_____	_____	F
BIOL 320 Intro Plant Physiology	4	_____	_____	F
ECONS 350 Farm & Ranch Mgt	3	_____	_____	F
SOILS 374 Remote Sensing	3	_____	_____	S
CROPS 302 Forage Crops or				
HORT 320 Olericulture	3	_____	_____	F

Two of the Following:

CROPS 305 Mgt of Weeds (F)

ENTOM 340 Ag Entomology (S)

PL P 429 General Plant Path (F)

6 _____

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 16 credits is needed in addition to the GER, Soil Science Core, and Management Option courses listed above, however students may take additional credits if desired.

Minimum 16 _____

Minors:

Students can obtain minors from many departments. 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.

Specific requirements for minors can be found in the WSU Catalog under each departmental section.

Advisor Notes: