

# Dept of Crop and Soil Sciences

## Crop Science- Cropping Systems Option

### Advising Sheet • Fall 2008

Student Name \_\_\_\_\_

Option: \_\_\_\_\_

Student ID# \_\_\_\_\_

Advisor: Dr. Steve Ullrich, [ullrich@wsu.edu](mailto:ullrich@wsu.edu), 335-4936

Email \_\_\_\_\_

#### GENERAL EDUCATION REQUIREMENTS (42 credits)

	<u>Credits</u>	<u>Term</u>	<u>Grade</u>	<u>Offered</u>
<b>World Civilization</b>				
GEN ED 110 [A]	3	_____	_____	F,S,SS
GEN ED 111 [A]	3	_____	_____	F,S,SS
<b>Communication Proficiency</b>				
ENGL 101 [W]	3	_____	_____	F,S,SS
HD 205 [C]				
or COMST 102 [C]	3	_____	_____	F,S,SS
<b>Intercultural [I,G,K]</b>				
	3	_____	_____	F,S,SS
<b>Arts and Humanities [H or G]</b>				
	3	_____	_____	F,S,SS
<b>Arts and Humanities/Social Sciences</b>				
ELECTIVE [H,G,S, or K]	3	_____	_____	F,S,SS
<b>Social Sciences and Humanities</b>				
ECONS101 or ECONS102 [S]	3	_____	_____	F,S,SS
<b>Mathematics Proficiency</b>				
STAT 212 [N]	3	_____	_____	F,S,SS
<b>**Biotechnology Option</b>				
MATH 140 [N] or 171 [N]	4	_____	_____	F,S,SS
<b>Sciences</b>				
BIOL106 [B]	4	_____	_____	F,S,SS
BIOL107 [B]				
or BIOL 120 [B]	4	_____	_____	F,S,SS
CHEM 101 [P]	4	_____	_____	F,SS
<b>** Biotechnology Option</b>				
CHEM 105 [P]	4	_____	_____	F,S,SS
Tier III Course _____	3	_____	_____	F,S,SS
Diversity [D].....S,F,SS				

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

#### CHECKLIST

#### COMPLETE

GER	(42 credits)	_____
Crop Science Core	(33 credits)	_____
Cropping Systems Option	(31 credits)	_____
Electives	(14 credits)	_____
<b>TOTAL</b>	<b>(at least 120 credits)</b>	_____
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 .....		_____

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

#### CROPS CORE REQUIREMENTS (33 credits)

	<u>Credits</u>	<u>Term</u>	<u>Grade</u>	<u>Offered</u>
BIOL 320 Intro Plant Physiology	4	_____	_____	F
CHEM 102 Chem related to Life Science or				
<b>** Biotechnology Option - CHEM 106</b>	4	_____	_____	S
CROPS 102 Cultivated Plants	3	_____	_____	F
CROPS 202 Crop Growth & Development	4	_____	_____	S
CROPS 305 Ecology & Mgt of Weeds	3	_____	_____	F
CROPS 411 [M] Crop Environ Interactions	3	_____	_____	S
CROPS 412 Seminar	1	_____	_____	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
PI P 429 General Plant Pathology	3	_____	_____	F
SOILS 201 Soil: A Living System	3	_____	_____	F,S

Option Requirements:

The option in Cropping Systems is a program for students interested in crop production and plant/soil/pest management with careers as Certified Crop Advisors, consultants, field representatives, farm managers, or crop specialists.

**OPTION: Cropping Systems**

(31 credits)

**Required Courses:**

	<u>Credits</u>	<u>Term</u>	<u>Grade</u>	<u>Offered</u>
CROPS 360 World Ag Sys	3	_____	_____	F,S
CROPS 403 Adv Cropping Sys	3	_____	_____	F
CROPS 444/445 Plant Breeding	4	_____	_____	S
SOILS 441 Soil Fertility	3	_____	_____	S
SOILS 442 Soil-Plant-Water Sys	3	__	__	F
ECONS 350 Farm & Ranch Mgt	3	__	__	F
ECONS 3xx or 4xx	3	_____	_____	F,S
ENTOM 340 Ag Entomology	3	_____	_____	S
IPM 462 Integrated Pest Mgt	3	_____	_____	S(even)

**One of the Following:**

CROPS 302 Forage Crops (S even)

HORT 320 Olericulture (F)

HORT 490 Potato Science

SOILS 468 Arc GIS & Geospatial Analysis (F)

3 \_\_\_\_\_

**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 14 credits is needed in addition to the GER, Crop Science Core, and Cropping Systems 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.

**SOIL SCIENCE:** A minimum of 16 hours of Soils is required, 8 hours 300-400 level. Contact Hillary Templin, Academic Coordinator, [htemplin@wsu.edu](mailto:htemplin@wsu.edu), 335-2615 for more information.

**AGRICULTURAL ECONOMICS & MANAGEMENT:** A minimum of 16 hours of EconS is required, 12 hours of which must be 300-400 level courses. Students must also complete one of three junior-senior program sequences. Contact the School of Economic Sciences, 1<sup>st</sup> floor of Hulbert Hall for more information.

**Advisor Notes:**