

**DEPARTMENT OF SOIL AND CROP SCIENCES**  
**Concentration: Agronomic Production Management**

Name \_\_\_\_\_ Telephone \_\_\_\_\_  
 Local Address \_\_\_\_\_  
 Advisor \_\_\_\_\_ Graduation Term \_\_\_\_\_ Year \_\_\_\_\_  
 Degree Requirements: 120-125 credits, 42 upper division, 27 Soil and Crop Sciences

**FRESHMAN YEAR**

<u>Semesters Offered</u>			<u>Credits</u>
F S	___ FSHN	125 Food & Nutrition in Health	2
F S SS	___ FSHN	150 Survey of Human Nutrition	3
.....			
F	___ AGRI	192 Orientation to Agriculture	1
F S	___ BZ	120 Principles of Plant Biology	4
.....			
Select one of the following two groups of courses:			
F S SS	___ CHEM	107 Fundamentals of Chemistry	4
and			
F S SS	___ CHEM	108 Fundamentals of Chem Lab	1
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or			
F S SS	___ CHEM	111 General Chemistry I	4
and			
F S SS	___ CHEM	112 General Chemistry Lab I	1
and			
F S SS	___ CHEM	113 General Chemistry II	3
and			
F S SS	___ CHEM	114 General Chemistry Lab II	1
.....			
F S SS	___ CO	150 College Composition	3
F S	___ AREC	202 Ag & Resource Econ	3
F S SS	___ MATH	117 College Algebra in Context I	1
F S SS	___ MATH	118 College Algebra in Context II	1
F S SS	___ MATH	124 Logarith & Expon Function	1
F	___ SOCR	100 General Crops	4
F S SS	___	Historical Perspectives <sup>1</sup>	3
Total			28-33

**SOPHOMORE YEAR**

<u>Semesters Offered</u>			<u>Credits</u>
F S SS	___ ACT	205 Fundamentals of Accounting	3
or			
F S	___ AREC	305 Ag & Res. Enterprise Analysis	3
.....			
F S	___ LIFE/LAND	220 Fund. of Ecology	3
F SS	___ PH	110 Descriptive Physics	3
F S SS	___ SOCR	240 Introductory Soil Science	4
F S SS	___ SPCM	200 Public Speaking	3
F S SS	___	Agricultural economics/business <sup>2</sup>	3
F S SS	___	Arts and Humanities <sup>3</sup>	6
F S SS	___	Global & Cultural Awareness <sup>4</sup>	3
F S SS	___	Electives	3
Total			31

**JUNIOR YEAR**

<u>Semesters Offered</u>			<u>Credits</u>
S	___ BZ	440 Plant Physiology	3
S	___ BZ	441 Plant Physiology Lab	2
F S SS	___ CHEM	245 Fund of Organic Chem	4
F S	___ CHEM	246 Fund of Organic Chem Lab	1
F S	___ JTC	300 Technical Communication	3
F S SS	___ SOCR	330 Principles of Genetics	3
F	___ SOCR	350 Soil Fertility Management	3
F	___ SOCR	351 Soil Fertility Management Lab	1
S	___ SOCR	380A1 Irrigation Principles	2
F	___ SOCR	381A1 Irrigation of Field Crops	1
S	___ SOCR	420 Crop & Soil Mgmt. Systems I	3
.....			
Select one course from the following:			
F S SS	___ STAT	201 General Statistics	3
F S SS	___ STAT	301 Intro to Statistical Methods	3
F S	___ STAT/ERHS	307 Intro to Biostatistics	3
.....			
F S SS	___	Electives	1-2
Total			30-31

**SENIOR YEAR**

<u>Semesters Offered</u>			<u>Credits</u>
.....			
Select three credits from the following:			
F S SS	___ SOCR	200 Seed Anatomy & ID <sup>5</sup>	1
F S SS	___ SOCR	201 Seed Develop & Metabolism	1
S	___ SOCR	310 Agronomic Plant & Seed ID	2
F	___ SOCR	446 Physiology of Seeds <sup>5</sup>	2
.....			
Select three of the following four groups:			
F SS	___ BZ	223 Plant Identification <sup>5</sup>	3
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F	___ BSPM	302 Applied & General Entomology	2
and			
F	___ BSPM	303C Agricultural Entomology Lab	1
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S	___ BSPM	361 Elements of Plant Pathology	3
F	___ BSPM	308 Ecology & Mgmt of Weeds	4
.....			
Select three courses from the following:			
S	___ SOCR	304 Seed Prod, Cond, & Mktg <sup>5</sup>	3
S	___ SOCR	320 Forage & Pasture Mgmt	3
S	___ SOCR	322 Principles of Microclimatology	3
F	___ SOCR/CIVE	377 Geo. Info System - Ag	3
S	___ SOCR	414 Agricultural Experiment Design	3
F	___ SOCR	440 Pedology	3
S	___ SOCR/HORT	460 Plant Breeding <sup>5</sup>	3
.....			
F	___ SOCR	421 Crop & Soil Mgmt. Systems II	4
F	___ SOCR	492 Seminar	1
F S SS	___	Electives	2-4
Total			28-30

<sup>1</sup>Select from list of courses in category 3D in the All-University Core Curriculum (AUCC).

<sup>2</sup>Select from courses in agricultural economics, business, or economics.

<sup>3</sup>Select from list of courses in category 3B in the AUCC.

<sup>4</sup>Select from list of courses in category 3E in the AUCC.

<sup>5</sup>Required for students in the seed science option.

## **Suggested Ag and Resource Economic Electives**

AREC 305 Farm and Ranch Records and Analysis  
AREC 408 Agricultural Finance  
AREC 310 Agricultural Marketing  
AREC 328 Small Agribusiness Management  
AREC 375 Agricultural Law  
AREC 405 Agricultural Production Management  
AREC 412 Agricultural Commodities Marketing  
AREC 428 Agricultural Business Management II

## **Additional Communication Suggested Electives**

### **Writing**

CO 300 Writing Arguments  
CO 301 Writing in the Disciplines  
E 210 Beginning Creative Writing  
JTC 200 Professional Writing  
JTC 301 Business Communications

### **Speaking**

SPCM 232 Group Communication  
SPCM 207 Rhetoric and Argumentation  
SPCM 303 Business and Professional Speaking