

**DEPARTMENT OF SOIL AND CROP SCIENCES**  
**Concentration: Soil Resources and Conservation**

Name \_\_\_\_\_ Telephone No. \_\_\_\_\_

Local Address \_\_\_\_\_

Advisor \_\_\_\_\_ Graduation Term: \_\_\_\_\_ Year \_\_\_\_\_

Degree Requirements: 120 credits, 42 upper division, 27 Soil and Crop Sciences

**FRESHMAN YEAR**

Semesters Offered		Credits
F S	___AGRI 192 Orientation to Ag Systems	1
F S	___BZ 120 Princ of Plant Biology	4
F S SS	___CHEM 111 Gen. Chem I	4
F S SS	___CHEM 112 Gen Chem. Lab I	1
F S SS	___CHEM 113Gen. Chem II	3
F S SS	___CHEM 114 Gen. Chem II Lab	1
F S SS	___CO 150 College Composition	3
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F S	___MIP 149 The Microbial World	3
	<b>or</b>	
F S SS	___MIP 300 General Microbiology	3
.....		
F S	___AREC 202 Agricultural Economics	3
F S SS	___ECON 204 Princ. of Macroeconomics	3
F S SS	___MATH 117 College Algebra/Context I	1
F S SS	___MATH 118 College Algebra/Context II	1
F S SS	___MATH 124 Log. & Exp. Function	1
F	___SOCR 100 General Crops	4
	Total	33

**JUNIOR YEAR**

Semesters Offered		Credits
S	___SOCR 320 Forage and Pasture Mgmt	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
F	___SOCR 440 Pedology	4
.....		
	<i>Select one of the following courses:</i>	
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	___FSHN 125 Food & Nutrition in Health	2
	<b>or</b>	
F S SS	___FSHN 150 Survey of Human Nutrition	3
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	Total	25-26

**SOPHOMORE YEAR**

Semesters Offered		Credits
F S	___CHEM 245 Fund of Org. Chem	4
F S	___GEOL 120 Exploring Earth: Physical Geology	3
F S SS	___GEOL 121 Intro Geology Lab	1
F SS	___PH 110 Descriptive Physics	3
F S	___SOCR 240 Intro Soil Science	4
F S SS	___SPCM 200 Public Speaking	3
F S SS	___Arts and Humanities <sup>1</sup>	6
F S SS	___Global and Cultural Awareness <sup>2</sup>	3
F S SS	___Historical Perspectives <sup>3</sup>	3
	Total	30

**SENIOR YEAR**

Semesters Offered		Credits
S	___BZ 440 Plant Phys.	3
S	___BZ 441 Plant Phys. Lab	2
S	___GEOL 454 Geomorphology	
F S	___JTC 300 Technical Communications	3
F	___SOCR 421 Crop & Soil Mgmt. Systems II	4
F	___SOCR 470 Soil Physics	3
F	___SOCR 492 Seminar	1
	___Electives	11-12
	Total	31-32

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

<sup>2</sup> Select from courses in category 3E in the AUCC.

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

## Suggested Electives

NR 322 Introduction to Geographic Information Systems  
NR 323 Remote Sensing of Natural Resources  
RS 478 Restoration Ecology  
WR 304 Principles of Watershed Management  
WR 416 Land Use Hydrology  
WR 418 Land Use and Water Quality

## Additional Communication Suggested Electives

### Writing

CO 300 Writing Arguments  
CO 301 Writing in the Discipline  
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