

**DEPARTMENT OF SOIL AND CROP SCIENCES**  
**Concentration: Soil Restoration 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 192/292 Orient 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 113 Gen. Chem II	3
F S SS	___ CHEM 114 Gen. Chem II Lab	1
F S SS	___ CO 150 College Composition	3
F	___ LAND/LIFE 220 Fund. of Ecology	3
F S	___ AREC 202 <sup>3</sup> Ag & Resource Econ	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	<u>4</u>
	Total	30

**SOPHOMORE YEAR**

Semesters Offered		Credits
F	___ BSPM 308 Ecology & Mgmt of Weeds	3
F S SS	___ CHEM 245 Fund of Org. Chem	4
F S 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	___ PHIL 110 <sup>2</sup> Logic & Critical Thinking	3
F S SS	___ Arts and Humanities <sup>1</sup>	3
F S SS	___ Global and Cultural Awareness <sup>5</sup>	3
F S SS	___ Historical Perspectives <sup>4</sup>	<u>3</u>
	Total	29

**JUNIOR YEAR**

Semesters Offered		Credits
F S SS	___ JTC 300 Technical Communication	3
S	___ SOCR 320 Forage and Pasture Mgmt	3
F	___ SOCR 350 Soil Fertility Management	3
F	___ SOCR 351 Soil Fertility Management Lab	1
S	___ SOCR 370 Irrigation Principles	2
F	___ SOCR 371 Irrigation of Field Crops	1
F	___ SOCR 377 GIS in Agriculture	3
F	___ SOCR 440 Pedology	4
F S	___ WR 304 Principles of Watershed Mgmt	3
F S SS	___ Electives <sup>6</sup>	3
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<i>Select <u>one</u> 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 SS	___ STAT 307 Intro to Biostatistics	3
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F S SS	___ SOCR 486 Practicum	1-3
	or	
F S SS	___ SOCR 487 Internship	<u>1-3</u>
	Total	30-32

**SENIOR YEAR**

Semesters Offered		Credits
S	___ BZ 440 Plant Physiology	3
S	___ RS 478 Ecological Restoration	3
F	___ SOCR 421 Crop & Soil Mgmt. Systems II	4
F	___ SOCR 455 Soil Microbiology	3
S	___ SOCR 467 Soil & Environ. Chemistry	3
F	___ SOCR 470 Soil Physics	3
F	___ SOCR 471 Soil Physics Lab	1
F	___ SOCR 492 Seminar	1
	___ Electives <sup>6</sup>	<u>8-9</u>
	Total	29-30

<sup>1</sup> Select from list of courses in category 3B in the AUCC  
<sup>2</sup> Satisfies 3 credit requirements in category 3B in the AUCC  
<sup>3</sup> Satisfies 3 credit requirements in category 3C in the AUCC  
<sup>4</sup> Select from the list of courses in category 3D in the AUCC  
<sup>5</sup> Select from the list of courses in category 3E in the AUCC  
<sup>6</sup> Selected from electives list

### Electives

F S SS	GEOL 120	Exploring Earth: Physical Geology	3
S	GEOL 454	Geomorphology	4
F S	NR 322	Introduction to Geographic Information Systems	4
F S	NR 320	Natural Resources History and Policy	3
F	NR 323	Remote Sensing & Image Interpretation	3
S	SOCR 322	Principles of Microclimatology	3
F S	WR 304	Principles of Watershed Management	3
F	WR 416	Land Use Hydrology	3
S	WR 418	Land Use and Water Quality	3
S	SOCR 171	Environmental Issues in Agriculture	1
F S	IE 116	Plants and Civilizations	3
S	IE 270	World Interdependence – Population and Food	3
F S SS	SA 482	Study Abroad	1-18