

**DEPARTMENT OF SOIL AND CROP SCIENCES**  
**Concentration: International Soil and Crop Sciences**

Name \_\_\_\_\_ Telephone \_\_\_\_\_

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

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

Degree Requirements: 120-122 credits, 42 upper division, 27 Soil and Crop Sciences

**FRESHMAN YEAR**

Semesters Offered	Credits
F ___AGRI 192 Orientation to Agriculture	1
F S ___BZ 120 Principles of Plant Bio	4
.....	
F S ___FSHN 125 Food & Nutri. in Health	2
or	
F S SS ___FSHN 150 Survey of Human Nutri.	3
.....	
<i>Select one of the following two groups of courses:</i>	
F S SS ___CHEM 107 Fund. of Chemistry	4
F S SS ___CHEM 108 Fund. of Chem Lab	1
or	
F S SS ___CHEM 111 General Chemistry I	4
F S SS ___CHEM 112 General Chemistry Lab I	1
F S SS ___CHEM 113 General Chemistry II	3
F S SS ___CHEM 114 General Chemistry Lab II	1
.....	
F S SS ___CO 150 College Composition	3
F S ___AREC 202 Agri/Natural Res Econ	3
F S SS ___MATH 117 Algebra in Context I	1
F S SS ___MATH 118 Algebra in Context II	1
F S SS ___MATH 124 Log & Exp. Function	1
F ___SOCR 100 General Crops	4
F S SS ___Arts & Humanities <sup>1</sup>	3
Total	28-33

**SOPHOMORE YEAR**

Semesters Offered	Credits
S ___AGRI/IE 270 World Interdependance - Population & Food	3
F S ___SOCR/LAND 220 Fund. of Ecology	3
F S SS ___CHEM 245 Fund of Organic Chem	4
F S ___CHEM 246 Fund of Organ Chem Lab I	1
F SS ___PH 110 Descriptive Physics	3
F S SS ___POLS 131 Current World Problems	3
F S SS ___SOCR 240 Introductory Soil Science	4
.....	
F S SS ___SOC 100 General Sociology	3
Or	
F S ___SOC 105 Social Problems	3
.....	
F S SS ___SPCM 200 Public Speak & Discuss	3
F S SS ___Arts and Humanities <sup>1</sup>	3
___Historical perspectives <sup>2</sup>	3
Total	33

<sup>1</sup>Select from list of courses in category 3B in the All-University Core Curriculum (AUCC).<sup>2</sup>Select from list of courses in category 3D in the AUCC.**JUNIOR YEAR**

Semesters Offered	Credits
S ___BZ 440 Plant Physiology	3
S ___BZ 441 Plant Physiology Lab	2
F S ___JTC 300 Technical Communications	3
F S ___POLS/ECON 332 Intl Pol. Economy	3
F S SS ___SOCR 330 Principles of Genetics	3
F ___SOCR 350 Soil Fertility Management	3
F ___SOCR 351 Soil Fertility Lab	1
S ___SOCR 420 Crop/Soil Mgmt Systems I	3
.....	
<i>Select one course from the following:</i>	
F S SS ___STAT 201 General Statistics	3
F S SS ___STAT 301 Intro to Statistical Methods	3
F S SS ___STAT/ERHS 307 Intro to Biostats	3
.....	
<i>Select one course from the following:</i>	
S ___SOC 341 Sociology of Rural Life	3
S ___SOC 364 Ag & Global Society	3
F ___SOC 366 Peoples & Institutions of Latin America	3
.....	
Total	27

**SENIOR YEAR**

Semesters Offered	Credits
S ___AREC 460 Economics of World Ag	3
.....	
S ___SOCR 370 Irrigation Principles/Mgmt	3
F ___SOCR 421 Crop/Soil Mgmt. Systems II	4
S ___SOCR 475 Trop Soils/Crops/Farm Sys	3
F ___SOCR 492 Seminar	1
.....	
<i>Select two of the following three groups:</i>	
F ___BSPM 302 Applied/Gen Entomology	2
F ___BSPM 303C Ag Entomology Lab	1
or	
S ___BSPM 361 Elements of Plant Pathology	3
or	
F ___BSPM 308 Ecology & Mgmt of Weeds	4
.....	
<i>Select two courses from the following:</i>	
S ___SOCR 304 Seed Prod, Condition, Mktg	3
S ___SOCR/RS 320 Forage & Range Mgmt	3
S ___SOCR 322 Principles of Microclimate	3
F ___SOCR/CIVE 377 Geo. Info Systems	3
F ___SOCR 440 Pedology	4
F ___SOCR/HORT 460 Plant Breeding	3
.....	
___ Electives	1-6
Total	29-32

## **Suggested Electives**

**Language** - A foreign language is highly recommended for each student in this concentration

### **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