

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

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

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 Orientation to Ag. Systems	1
F S	___BZ	120 Principles of Plant Bio	4
F S SS	___CO	150 College Composition	3
F S	___AREC	202 <sup>3</sup> 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 Logarithmic/Exponential Funct.	1
F	___SOCR	100 General Crops	4
F S SS	___PHIL	110 <sup>5</sup> Logic & Critical Thinking	3
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F S	___FSHN	125 Food & Nutrition In Health	2
	or		
F S SS	___FSHN	150 Survey of Human Nutrition	3
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<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 Chemistry 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
		Total	28-33

**SOPHOMORE YEAR**

Semesters Offered			Credits
S	___AGRI/IE	270 <sup>4</sup> World Interdependence - Population and Food	3
F	___LIFE/LAND	220 Fundamentals of Ecology	3
F S SS	___PH	110 Descriptive Physics	3
F S	___ANEQ	101 Food Animal Sciences	3
F S	___POLS	131 Current World Problems	3
F S	___POLS	232 International Relations	3
F S	___SOCR	240 Introductory Soil Science	4
F S SS	___SPCM	200 Public Speak & Discuss	3
F S SS	___	Historical Perspectives <sup>2</sup>	3
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<i>Select one course from the following:</i>			
F S SS	___SOC	100 General Sociology	3
F S SS	___SOC	105 Social Problems	3
F S	___ANTH	100 Intro. Cult. Anthro.	3
		Total	31

**JUNIOR YEAR**

Semesters Offered			Credits
F S	___SOCR	330 Principles of Genetics	3
F	___SOCR	350 Soil Fertility Management	3
F	___SOCR	351 Soil Fertility Lab	1
S	___SOCR	370 Irrigation Principles	2
F S	___POLS	332 Intl. Political Economy	3
F S SS	___	Electives <sup>6</sup>	1-2
F S SSS	___	Arts and Humanities <sup>1</sup>	3
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F S	___JTC	300 Technical Communication	3
	or		
F S SS	___CO	301B Writing in the Disciplines-Sci	3
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<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	307 Intro to Biostatistics	3
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<i>Select two courses from the following:</i>			
F S	___SOC	320 Pop-Natural Res & Environ	3
S	___SOC	341 Sociology of Rural Life	3
F	___SOC	366 Peoples and Institutions of Latin America	3
F	___SOC	364 Ag & Global Society	3
S (even)	___ANTH	310 People & Cultures of Africa	3
S (odd)	___ANTH	312 Modern Indian Culture/Society	3
S (even)	___ANTH	314 Southeast Asian Culture/Society	3
F	___ANTH	446 New Orleans and the Caribbean	3
		Total	28

**SENIOR YEAR**

Semesters Offered			Credits
S	___BZ	440 Plant Physiology	3
S	___AREC	460 Economics of World Ag	3
F	___SOCR	371 Irrigation of Field Crops	1
F	___SOCR	421 Crop/Soil Mgmt. Systems	4
S	___SOCR	475 Global Challenges in Plant & Soil Sciences	3
F	___SOCR	492 Seminar	1
F S SS	___	Electives <sup>6</sup>	11
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<i>Select two of the following three groups:</i>			
F	___BSPM	302 Applied/Gen Entomology	2
F (even)	___BSPM	303C Ag Entomology Lab	1
	or		
S	___BSPM	361 Elements of Plant Pathology	3
	or		
F	___BSPM	308 Ecology & Mgmt of Weeds	3
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F S SS	___SOCR	486 Practicum	1-3
	or		
F S SS	___SOCR	487 Internship	1-3
		Total	33

<sup>1</sup>Select from list of courses in category 3B in the AUCC

<sup>2</sup>Select from list of courses in category 3D in the AUCC

<sup>3</sup>Satisfies 3 credits from the list of courses in category 3C in the AUCC

<sup>4</sup>Satisfies 3 credits from the list of courses in category 3E in the AUCC

<sup>5</sup>Satisfies 3 credits from the list of courses in category 3B in the AUCC

<sup>6</sup>Select from elective list

**Suggested Electives**

\*\*\*A foreign language and a semester abroad are highly recommended for each student in this concentration.

<b><u>Soil &amp; Crop Sciences</u></b>				
<b><u>Credits</u></b>				
S	SOCR	320	Forage & Pasture Management	3
S	SOCR	322	Principles of Microclimatology	3
S (even)	SOCR	341	Soil Ecology	1
F (even)	SOCR	342	Organic Soil Fertility	1
F (odd)	SOCR	343	Composting Principles & Practices	1
SS (even)	SOCR	345	Diagnostics in Organic Systems	2
F	SOCR	377	Geographic Information Systems in Agriculture	3
S (even)	SOCR	424	Topics in Organic Agriculture	3
F (even)	SOCR	430	Applications of Plant Biotechnology	3
F	SOCR	440	Pedology	4
F	SOCR	455	Soil Microbiology	3
F (odd)	SOCR	460	Plant Breeding	3
S	SOCR	467	Soil & Environmental Chemistry	3
F	SOCR	470	Soil Physics	3
<b><u>Communication</u></b>				
F S SS	CO	300	Writing Arguments	3
F S SS	E	210	Beginning Creative Writing	3
F S	JTC	200	Professional Writing	3
F S	JTC	301	Business Communications	3
F S SS	SPCM	207	Rhetoric & Argumentation	3
F S	SPCM	232	Group Communication	3
F S SS	SPCM	332	Interpersonal Communication Skills	3
F S SS	SPCM	434	Intercultural Communication	3
<b><u>Liberal Arts</u></b>				
F	ANTH	413	Indigenous Peoples Today	3
F S SS	ANTH	415	Indigenous Ecologies Modern World	3
F S SS	HIST	115	Islamic World to 1800	3
F	HIST	120	Asian Civilizations I & II	3
S	HIST	121	Asian Civilizations II	3
F S SS	HIST	353	U.S.-Mexico Borderlands	3
F S	HIST	410	Colonial Latin America	3
F S SS	HIST	411	Latin America Since Independence	3
S	HIST	412	Mexico	3
F	HIST	413	Caribbean Civilization	3
F S	HIST	414	Revolutions in Latin America	3
S (odd)	HIST	421	Africa: Colonialism to Independence	3
S (even)	HIST	422	Modern Africa	3
S (even)	HIST	430	Ancient Near East	3
F (even)	HIST	433	Muhammad & Origins of Islam	3
F	HIST	435	Jihad & Reform in Islamic History	3
S	HIST	438	The Modern Middle East	3
F S	HIST	440	Modern South Asia	3
S	HIST	441	South Asia Since Independence	3
F	HIST	450	Ancient China	3
S	HIST	451	Medieval China and Central Asia	3
F S SS	HIST	452	China in the Modern World, 1600-present	1-3
F S	HIST	455	Tokugawa and Modern Japan	3
S	IE	271	India	3
F	IE	272	Current Global Issues	1-3
F	IE	470	Women and Development	3
F	LSPA	335	Issues in Hispanic Cultures	3
F S	LSPA	436	Advanced Latin American Culture	3
F S	PHIL	106	Wisdom of the East- Oriental Philosophy	3
F S	PHIL	172	Religions of the East	3
F	PHIL	335	Islam: Cosmology and Practice	3
F	PHIL	379	Mysticism East and West	3
F S	POLS	331	Politics & Society on Mexican Border	3
S SS	POLS	444	Comparative African Politics	3

Revised 01/07/15