

1/7/15

DEPARTMENT OF SOIL AND CROP SCIENCES
Concentration: Applied Information Technology

Name _____ Telephone _____

Local Address _____

Advisor _____ Graduation Term _____ Year _____

Degree Requirements: 120 credits, 45 upper division, 27 Soil & Crop Sciences

FRESHMAN YEAR

Semesters Offered		Credits
F S	___AGRI 192/292 Orient to Ag. Syst	1
F S	___BZ 120 Prin of Plant Biology	4
F S SS	___CHEM 107 Fund of Chemistry	4
F S SS	___CIS 200 Business Info. Systems	3
F S SS	___CHEM 108 Fund of Chemistry Lab	1
F S SS	___CO 150 College Composition	3
F S SS	___MATH 117 College Algebra Cxt I	1
F S SS	___MATH 118 College Algebra Cxt II	1
F S SS	___MATH 124 Log & Exp Function	1
F S SS	___PH 110 Descriptive Physics	3
F	___SOCR 100 General Crops	4
S	___SOCR 177 AIT in Ag	1
.....		
F S SS	___BUS 150 Bus Computing Concepts	3
	or	
F S SS	___CS 110 Personal Computing	4
	Total	30

SOPHOMORE YEAR

Semesters Offered		Credits
F S SS	___MATH 141 Calculus in Mgmt Sci	3
F S SS	___CIS 210 Bus Programming Fund	3
F S SS	___CIS 240 App. Design & Develop.	3
F S	___AREC 202 ⁵ Ag & Res Economics	3
F S	___SOCR 240 Intro Soil Science	4
F S SS	___SPCM 200 Public Speaking	3
F S SS	___PHIL 110 ⁴ Log & Critical Thinking	3
	___Arts and Humanities ¹	3
	___Global & Cultural Awareness ³	3
	___Historical Perspectives ²	3
	Total	31

¹ Select from list of courses in category 3B in the AUCC

² Select from the list of courses in category 3D in the AUCC

³ Select from the list of courses in category 3E in the AUCC

⁴ Satisfies 3 credits of category 3B in the AUCC

⁵ Satisfies 3 credits of category 3C in the AUCC

⁶ Of the 9 SOCR elective credits and 17-18 general elective credits, 12 must be upper division (300- and 400- level).

JUNIOR YEAR

Semesters Offered		Credits
F	___NR 322 Intro to Geo Info Systems	4
F	___NR 323 Remote Sensing-Img Int.	3
.....		
F S	___FSHN 125 Food & Nutrition in Health	2
	or	
F S SS	___FSHN 150 Survey of Human Nutrition	3
.....		
F S SS	___STAT 301 Intro to Stat Methods	3
	or	
F S SS	___STAT 307 Intro to BioStats	3
.....		
F S	___LIFE 220 Fund. of Ecology	3
	or	
F S	___LIFE 320 Ecology	3
.....		
F S SS	___CO 300 Writing Arguments	3
	or	
F S SS	___JTC 300 Prof. & Tech. Comm.	3
.....		
F S	___CIS 320 Proj Mgmt for Info Systems	3
	___SOCR Electives ⁶	3
	___Electives ⁶	5-6
	Total	29

SENIOR YEAR

Semesters Offered		Credits
F S SS	___SOCR 487 Internship	6
F	___SOCR 492 Senior Seminar	1
S	___AREC 478 Agricultural Policy	3
F	___SOCR/CIVE 377 Geograph Info Sys in Ag	3
F S	___NR 423 App of Global Pos Sys	1
.....		
F	___STAT 372 Data Analysis Tools	3
	or	
F S SS	___CIS 355 Bus. Database Systems	3
.....		
	___SOCR Electives ⁶	6
	___Electives ⁶	7
	Total	30

Select enough elective credits to bring program total to 120, of which 42 must be upper division

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Soil & Crop Sciences			Credits
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	350 Soil Fertility Management	3
F	SOCR	377 Geographic Information Systems in Ag	3
F S SS	SOCR	410 Seed Processes: Storage and Deterioration	1
F S SS	SOCR	411 Seed Processes: Legume Seed Production	1
F S SS	SOCR	412 Seed Processes: Separation and Conditioning	1
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
