

DEPARTMENT OF SOIL AND CROP SCIENCES
Concentration: Soil and Crop Sciences/Interdisciplinary Program in Organic Agriculture

Name _____ Telephone No. _____

Local Address _____

Advisor _____ Graduation Term: _____ Year _____

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

FRESHMAN YEAR

Semesters

<u>Offered</u>		<u>Credits</u>
F	___ AGRI 192 Orientation to Ag. System	1
F	___ SOCR/HORT 171 Enviro Issues in Ag	3
F S SS	___ CHEM 107 Fundamentals of Chemistry	4
F S SS	___ CHEM 108 Fundamentals of Chem Lab	1
F S SS	___ CO 150 College Composition	3
F S	___ AREC 202 Ag & Resource Economics	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. and Exp. Function	1
F SS	___ PH 110 Descriptive Physics	3
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F	___ SOCR 100 General Crops	4
or		
F S	___ HORT 100 Horticulture Science	4
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F S SS	___ Arts and Humanities ¹	3
F S SS	___ Biology electives ²	4
	Total	32

SOPHOMORE YEAR

Semesters

<u>Offered</u>		<u>Credits</u>
F S SS	___ CHEM 245 Fund of Organic Chem	4
F S SS	___ CHEM 246 Fund. of Organic Chem. Lab	1
F S	___ SOCR 240 Intro. Soil Science	4
F S SS	___ SPCM 200 Public Speak & Discuss	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 three courses:</i>		
F	___ SOCR/LAND 220 Fund of Ecology	3
F S	___ NR120A Enviro Conservation	3
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F S SS	___ Arts and Humanities ¹	3
	___ Electives	9-10
	Total	30

JUNIOR YEAR

Semesters

<u>Offered</u>		<u>Credits</u>
F S	___ JTC 300 Technical Communication	3
F S SS	___ SOCR 330 Principles of Genetics	3
F S SS	___ Historical Perspectives ³	3
F S SS	___ Statistics ⁴	3
F	___ SOCR 350 Soil Fertility Mgmt	3
F S	___ AREC 328 Small Agribusiness Mgmt	3
SS	___ HORT345/SOCR345 Diagnosis & Treatment Organic Fields	2

Choose two of the following three groups:

F	___ BSPM 308 Ecology & Mgmt of Weeds	4
or		
F	___ BSPM 302 App & General Entomology	2
F	___ BSPM 303A-C Entomology Lab	1
or		
S	___ BSPM 361 Elements of Plant Pathology	3
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<i>Choose four of the following five courses:</i>		
S	___ SOCR 341 Soil Ecology	1
S	___ SOCR 342 Organic Soil Fertility	1
F	___ SOCR 343 Composting Prin & Practice	1
S	___ SOCR 344 Intro to Crop Dev Techniques	1
S	___ HORT 344 Organic Greenhouse Prod.	1
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	Total	30-31

SENIOR YEAR

<i>Select one of the following pairs of courses:</i>		
S	___ BZ 440 Plant Physiology	3
S	___ BZ 441 Plant Physiology, Lab	2
or		
F S	___ GEOL 120 Explr Earth: Phys. Geology	3
F S SS	___ GEOL 121 Intro Geology Lab	1
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<i>Select four credits from the following:</i>		
F	___ SOCR 421 Crop & Soil Mgmt Syst. II	4
or		
S	___ SOCR 478 Environmental Soil Science	3
S	___ SOCR 479 Enviro Soil Science Lab	1
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F	___ SOCR 492 Seminar	1
S	___ SOCR424/HORT424 Topics in Org Ag	3
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<i>Choose two of the following five courses:</i>		
F	___ HORT450A Cool season veg prod	1
F	___ HORT450B Warm season veg prod	1
F	___ HORT450C Small fruit production	1
F	___ HORT450D Tree fruit production	1
F	___ HORT452 Viticulture I-Grape Prod	1
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F S SS	___ HORT 487 Internship	3
or		
F S SS	___ SOCR 487 Internship	3
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F S SS	___ Electives	12-13
	Total	30

¹ Select from list of courses in category 3B in the All-University Core Curriculum AUCC.

² Select from list of courses in category 3A after consultation with advisor.

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

⁴ Select a course with the STAT subject code.

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