

Recommended Academic Plan for AgroEcology (Plant Science Option) Fall 2008

Semester 1	Credits	Semester 2	Credits
<i>PHIL 010(GH)</i> Critical Thinking	3.0	<i>CHEM 110(GN)</i> Chemical Principles I	3.0
<i>BIOL 110(GN)</i> Biology: Basic Concepts and Biodiversity	4.0	CHEM 111(GN) Experimental Chemistry I	1.0
<i>SOILS 101(GN)</i> Introduction to Soils	3.0	<i>ENGL 015(GWS)</i> Rhetoric and Composition	3.0
<i>MATH 110(GQ)</i> Techniques of Calculus I or <i>140B(GQ)</i> Calculus and Biology I	4.0	*Supporting Course	3.0
AG 150S Be a Master Student	2.0	<i>Arts Elective(GA)</i>	3.0
		<i>Health & Phys Act(GHA)</i>	1.0
Total Credits:	16.0	Total Credits:	14.0
Semester 3	Credits	Semester 4	Credits
<i>CHEM 112(GN)</i> Chemical Principles II	3.0	<i>CMPSC 203 (GQ)</i> Introduction to Spreadsheets and Databases	4.0
CHEM 113B(GN) Experimental Chemistry II-- Bioscience	1.0	ENT 313 Introduction to Entomology & ENT 316 Field Crops Entomology	3.0
<i>AGRO 028</i> Principles of Crop Management or <i>HORT 101(GN)</i> Horticultural Science	3.0	<i>AG 160 (GH)</i> Introduction into Ethics and Issues in Agriculture	3.0
AGECO 201 Introductory Agroecology	3.0	CHEM 202 Fundamentals of Organic Chemistry I or CHEM 210 Organic Chemistry I	3.0
<i>AGBM 101(GS)</i> Economic Principles of Agribusiness Decision Making or <i>ECON 002(GS)</i> Introductory Microeconomic Analysis and Policy	3.0	<i>BIOL 222(GN)</i> Genetics	3.0
AGECO 295 Agroecology Internship	1.0		
Total Credits:	14.0	Total Credits:	16.0

Semester 5	Credits	Semester 6	Credits
PPATH 405 Microbe-Plant Interactions: Plant Disease and Biological Control	3.0	<i>PHYS 250 (GN)</i> Introductory Physics I	4.0
MATH 141B (GQ) Calculus and Biology II	4.0	AGRO 410W Crop Science	4.0
BIOL 230W (GN) Biology: Molecules and Cells or BMB 251 Molecular and Cell Biology I	4.0 3.0	<i>Health & Phys Act (GHA)</i>	1.0
*Supporting Courses	4.0	STAT 250(GQ) Introduction to Biostatistics	3.0
AGECO 490 Agroecology Colloquium	1.0	*Supporting Courses	3.0
		<i>Health & Phys Act (GHA)</i>	1.0
Total Credits:	15.0- 16.0	Total Credits:	16.0
Semester 7	Credits	Semester 8	Credits
AGRO 438 Principles of Weed Management or HORT 238 Turf & Orn. Weed Control	4.0 3.0	AGECO 461 Integrated Crop Management	3.0
<i>ENGL 202C (GWS)</i> Effective Writing: Technical Writing or <i>ENGL 202D (GWS)</i> Effective Writing: Business Writing	3.0	<i>Arts Elective(GA)</i>	3.0
**AGECO 457 Principles of Integrated Pest Management	3.0	*Supporting Courses	7.0
<i>PHYS 251(GN)</i> Introductory Physics II	4.0	Soc/Behav Sci(GS)	3.0
AGECO 495 Agroecology Internship	1.0		
Total Credits:	16.0	Total Credits:	16.0

- **Bold type** indicates courses requiring a quality grade of C or better.
- *Italics* indicates courses that satisfy both major and General Education requirements.
- **Bold Italics** indicates courses requiring a quality grade of C or better and that satisfy both major and General Education requirements.
- GWS, GHA, GQ, GN, GA, GH, and GS are codes used to identify General Education requirements.
- US, IL, and US;IL are codes used to designate courses that satisfy University United States/International Cultures requirements.
- W is the code used to designate courses that satisfy University Writing Across the Curriculum requirements.

10/31/2008

Scheduling patterns for courses not taught each semester:

Program Notes:

Minimum total credits is 124.

*We suggest CAS100 for the GWS requirement. These credits should also be used to support Intercultural and International Competence (IL), and United States Cultures (US) requirements.

**AGECO 457 will be offered in both the Spring and Fall 2009 semesters. Thereafter, it will be offered only in the Fall.