

**Recommended Academic Plan for AgroEcology (Integrated Crop Management Option) Fall 2008**

| <b>Semester 1</b>  | <b>Credits</b> | <b>Semester 2</b>  | <b>Credits</b> |
|--|----------------|--|----------------|
| <i>PHIL 010(GH)</i><br>Critical Thinking   | 3.0            | <b>CHEM 110 (GN)</b><br>Chemical Principles I                                  | <b>3.0</b>     |
| <b>BIOL 110(GN)</b><br>Biology: Basic Concepts and Biodiversity  | <b>4.0</b>     | CHEM 111<br>Experimental Chemistry I   | 1.0            |
| <i>ENGL 015 (GWS)</i><br>Rhetoric and Composition  | 3.0            | AGECO 295<br>Agroecology Internship  | 1.0            |
| <i>AGBM 101 (GS)</i><br>Economic Principles of Agribusiness Decision Making<br>or<br><i>ECON 002(GS)</i><br>Introductory Microeconomic Analysis and Policy | 3.0            | <i>Soc/Behav Sci (GS)</i>  | 3.0            |
| AG 150S<br>To be a Master Student  | 2.0            | <b>SOILS 101 (GN)</b><br>Introduction to Soils                                 | <b>3.0</b>     |
|  |                | Arts Elective (GA)   | 3.0            |
| Total Credits:   | 15.0           | Total Credits:   | 14.0           |
| <b>Semester 3</b>  | <b>Credits</b> | <b>Semester 4</b>  | <b>Credits</b> |
| <b>CHEM 112(GN)</b><br>Chemical Principles II  | <b>3.0</b>     | ENT 313<br>Introduction to Entomology and<br>ENT 316<br>Field Crops Entomology | 2.0<br><br>1.0 |
| <b>BIOL 127 (GN)</b><br>Introduction to Plant Biology  | <b>3.0</b>     | <i>AG 160 (GH)</i><br>Introduction into Ethics and Issues in Agriculture       | 3.0            |
| AGECO 201<br>Introductory Agroecology  | 3.0            | <i>CMPSC 203(GQ)</i><br>Introduction to Spreadsheets and Databases             | 4.0            |
| MATH 022 (GQ)<br>College Algebra II and Analytic Geometry  | 3.0            | BIOL 222(GN)<br>Genetics   | 3.0            |
| <i>Health &amp; Phys Act (GHA)</i>   | 1.0            | Electives  | 3.0            |
| <b>AGRO 028</b><br>Principles of Crop Management<br>or<br><b>HORT 101 (GN)</b><br>Horticultural Science  | <b>3.0</b>     |  |                |
| Total Credits:   | 16.0           | Total Credits:   | 16.0           |

| Semester 5  | Credits | Semester 6  | Credits    |
|---|---------|---|------------|
| PPATH 405<br>Microbe-Plant Interactions: Plant Disease and Biological Control   | 3.0     | AGRO 410W<br>Crop Science   | 4.0        |
| AGRO 423<br>Forage Crop Management<br>or<br>HORT 202<br>Plant Propagation   | 3.0     | AGRO 425<br>Field Crop Management<br>or<br>HORT 315<br>Environmental Effects on Horticultural Crops         | 3.0        |
| AEE 440<br>Edu. Programs in Agriculture for Developing Countries  | 3.0     | *Supporting Courses   | 5.0        |
| *Supporting Courses   | 5.0     | <i>Arts Elective (GA)</i>   | 3.0        |
| <i>Health &amp; Phys Act</i>  | 1.0     | <i>Health &amp; Phys Act</i>  | 1.0        |
|   |         |   |            |
| Total Credits:  | 15.0    | Total Credits:  | 16.0       |
| Semester 7  | Credits | Semester 8  | Credits    |
| AGRO 438A<br>Principles of Weed Control and Herbicide Properties  | 5.0     | <b>AGECO 461</b><br>Integrated Crop Management  | <b>3.0</b> |
| <i>ENGL 202C (GWS)</i><br>Effective Writing: Technical Writing<br>or<br><i>ENGL 202D (GWS)</i><br>Effective Writing: Business Writing | 3.0     | <i>Arts Elective(GA)</i>  | 3.0        |
| *Supporting Courses   | 3.0     | *Supporting Courses   | 7.0        |
| AGECO 495<br>Agroecology Internship   | 1.0     | Soils 402<br>Chemistry of Soils and Fertilizers (FA08)<br>Soil Nutrient Behavior and Management (eff. SP09) | 3.0        |
| **AGECO 457 or ENT 457<br>Principles of Integrated Pest Management  | 3.0     |   |            |
| AGECO 490<br>Agroecology Colloquium   | 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.

8/12/2008

**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.