



Department of Plant and Soil Sciences

Major: Agronomy - Integrated Crop Management (ICM) - 121

Freshman Year

| Fall Semester (15 hours) | | | Spring Semester (16 hours) | | |
|--------------------------|-----------------------------|---|----------------------------|---------------------------|---|
| AEC 2713 | Intro to Food & Res Econ OR | 3 | EN 1113 | English Composition II | 3 |
| EC 2113 | Prin Macroeconomics OR | | _____ | Math Elective Gen Ed | 3 |
| EC 2123 | Prin Microeconomics | | _____ | Fine Arts Elective Gen Ed | 3 |
| EN 1103 | English Composition I | 3 | PSS 1313 | Plant Science | 3 |
| CO 1003 | Fund of Public Speak OR | 3 | CH 1053 | Survey of Chemistry II OR | 3 |
| CO 1013 | Intr Communications | | CH 1223 | Chemistry II | |
| MA 1313 | College Algebra | 3 | CH 1051 | Experimental Chem OR | 1 |
| CH 1043 | Survey of Chemistry OR | 3 | CH 1211 | Invest in Chemistry I | |
| CH 1213 | Chemistry I | | | | |
| 15 | | | 16 | | |

Sophomore Year

| Fall Semester (15 hours) | | | Spring Semester (16 hours) | | |
|--------------------------|----------------------------|---|----------------------------|---------------------------------|---|
| PSS 3301 | Soils Lab | 1 | EPP 2213 | Intro to Insects | 3 |
| PSS 3303 | Soils | 3 | CH 2503 | <i>Elementary Org Chemistry</i> | 3 |
| BIO 2113 | <i>Plant Biology OR</i> | 3 | CH 2501 | <i>Elementary Org Chem Lab</i> | 1 |
| BIO 1144 | Biology II | | _____ | Humanities Elective Gen Ed | 3 |
| AIS 4203 | App Comp Tech AIS OR | 3 | _____ | Social Science Elective Gen Ed | 3 |
| TKT 1273 | Computer Applications | | _____ | Restricted Elective ¥ | 3 |
| _____ | Humanities Elective Gen Ed | 3 | | | |
| 13 | | | 16 | | |

Summer

| 10 Week Term | | |
|--------------|---------------------|---|
| PSS 3423 | Agronomy Internship | 3 |

Junior Year

| Fall Semester (15 hours) | | | Spring Semester (13 hours) | | |
|--------------------------|------------------------------|---|----------------------------|------------------------------------|---|
| PSS 3133 | <i>Intro to Weed Science</i> | 3 | BIO 4214 | <i>General Plant Physiology OR</i> | 3 |
| BCH 4013 | Princ of Biochemistry | 3 | PSS 4113 | <i>Ag Crop Physiology</i> | |
| PO 3103 | Genetics I | 3 | PSS 4313 | Soil Fertility | 3 |
| AEC 3133 | Intro Agribusiness Mgt | 3 | AIS 3203 | Prof Writ ANRH Sci | 3 |
| _____ | Restricted Elective ¥ | 3 | _____ | Restricted Elective ¥ | 3 |
| | | | _____ | Unrestricted Elective | 3 |
| 15 | | | 15 | | |

Senior Year

| Fall Semester (15 hours) | | | Spring Semester (13 hours) | | |
|--------------------------|------------------------------------|---|----------------------------|--------------------------------|---|
| EPP 4113 | <i>Principles of Plt Pathology</i> | 3 | PSS 4214 | <i>MicroBiol Ecol Soils OR</i> | 4 |
| MKT 3013 | Principles of Marketing | 3 | BIO 3304 | General Microbiology | |
| _____ | Restricted Elective ¥ | 3 | _____ | Restricted Elective ¥ | 3 |
| _____ | Restricted Elective ¥ | 3 | _____ | Restricted Elective ¥ | 3 |
| _____ | Unrestricted Elective | 3 | _____ | Restricted Elective ¥ | 3 |
| 15 | | | 13 | | |

◆◆ Courses printed in italic are taught only in the Fall or Spring semester, as listed. ◆◆

Students are required to make a "C" or better in all required PSS courses

¥ PSS Agronomy: ICM Restricted Elective (See listing on back.)

Agronomy: Integrated Crop Management

Restricted Electives: 24 Hours Required

| | |
|----------|------------------------------------|
| ABE 3513 | GPS/GIS - Ag & Eng# |
| EPP 4163 | Plant Disease Management# |
| EPP 4234 | Field Crop Insects* |
| EPP 4263 | Principles Insect Pest Management# |
| GA 1111 | Survey of Agriculture |
| MA 1713 | Calculus I |
| PH 1113 | General Physics I |
| PSS 2343 | Plant Materials I |
| PSS 3043 | Fruit Science* |
| PSS 3923 | Plant Propagation# |
| PSS 4103 | Forage and Pasture Crops* |
| PSS 4123 | Grain Crops# |
| PSS 4133 | Fiber and Oilseed Crops# |
| PSS 4143 | Advanced Fruit Science# |
| PSS 4223 | Seed Production* |
| PSS 4314 | Microbiology Ecology of Soil# |
| PSS 4323 | Soil Classification* |
| PSS 4333 | Soil Conseration and Land Use# |
| PSS 4343 | Control Environmental Agriculture* |
| PSS 4363 | Sustainable Nursery Production# |
| PSS 4373 | Geospatial Ag Management* |
| PSS 4413 | Turf Management* |
| PSS 4453 | Vegetable Production* |
| PSS 4483 | Intro to Remote Sensing Tech* |
| PSS 4503 | Plant Breeding* |
| PSS 4553 | Plant Growth and Development* |
| PSS 4603 | Soil Chemistry* |
| PSS 4633 | Weed Biology and Ecology# |
| PSS 4813 | Herbicide Technology# |

* Fall course offering

Spring course offering