



**BACHELOR of SCIENCE in AGRICULTURE (#508)
CONCENTRATION in AGRONOMY – PLANT SCIENCE**

Department of Agriculture
Ogden College of Science and Engineering
Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected.

Success Markers

SAMPLE - 4 Year Plan

| FIRST YEAR | Fall Semester | | Spring Semester | |
|--|--|--|---|--|
| | <i>Visit The Learning Center for free tutoring</i> | ENG 100 – Introduction to College Writing (F-W1) | 3 | COMM 145 – Business and Professional Speaking (F-OC) |
| MATH 115 – Applied College Algebra | | 3 | AGEC 160 – Introduction to Agribusiness and Agricultural Entrepreneurship | 3 |
| CHEM 105/106 – Fundamentals of Chemistry (with a Lab) (E-NS, SL) | | 4 | ANSC 140 – Introduction to Animal Science | 3 |
| AGRO 110/111 – Introduction to Plant Science (with a Lab) | | 4 | CHEM 107/108 – Fundamentals of Organic Chemistry (with a Lab) | 4 |
| AGRI 175 – University Experience - Agriculture | | 1 | HIST 101 – World History I OR HIST 102 – World History II (F-SB) | 3 |
| AGMC 176 – Agriculture Safety | | 2 | | |
| TOTAL CREDIT HOURS | | 17 | TOTAL CREDIT HOURS | 16 |

| SECOND YEAR | Fall Semester | | Spring Semester | |
|--|--|---|---|--|
| | <i>Volunteer or Join a Student Organization like Green Toppers</i> | ENG 200 – Introduction to Literature (F-AH) | 3 | World Language Requirement, if needed, OR General Elective |
| AGMC 170/171 – Introduction to Agriculture Mechanization (with a Lab) | | 3 | AGRO 310 – Pest Management | 3 |
| BIOL 120/121 – Biological Concepts: Cell Metabolism and Genetics (with a Lab) (E-NS) | | 4 | AGRI 291 – Introduction to Data Analysis and Interpretation | 3 |
| Explorations- Social & Behavioral Studies (E-SB) | | 3 | AGRO 320 – Crop Physiology | 3 |
| AGRO 350/351 – Soils (with a Lab) | | 4 | AGRI 397 – Agriculture Career Planning | 1 |
| | | | Explorations- Arts & Humanities (E-AH) | 3 |
| TOTAL CREDIT HOURS | | 17 | TOTAL CREDIT HOURS | 16 |

| THIRD YEAR <i>Visit Career Services</i> | Fall Semester | | Spring Semester | |
|--|---|-----------|---|-----------|
| | ENG 300 – Writing in the Disciplines (F-W2) | 3 | Agriculture Elective | 3 |
| | Connections- Social & Cultural (K-SC) | 3 | AGRI 398 – Seminar for Agronomy | 1 |
| | AGMC 326 – Precision Agriculture | 3 | AGRO 422 – Field Crops | 3 |
| | AGRO 352 – Soil Fertility and Fertilizers | 3 | AGRO 452 – Soil Microbiology OR AGRO 454 – Soil Management | 3 |
| | AGRO 409/410 – Weed Science (with a lab) | 3 | Agriculture Elective | 3 |
| | | | | |
| | TOTAL CREDIT HOURS | 15 | TOTAL CREDIT HOURS | 13 |

| FOURTH YEAR <i>Apply for Graduation</i> <i>Celebrate!</i> | Fall Semester | | Spring Semester | |
|---|--|-----------|---|-----------|
| | Connections: Local to Global (K-LG) | 3 | AGRI 494 – Contemporary Agricultural Issues | 3 |
| | AGRO 418 – Plant Pathology | 3 | AGRI 355 – Agriculture Biotechnology | 3 |
| | AGRI 369 – Cooperative Experience in Agriculture | 2 | Agriculture Elective | 3 |
| | AGRO 420/421 – Forage Crops (with a Lab) | 3 | Connections: Systems (K-SY) | 3 |
| | AGRI 493 – Sustainable Agriculture | 3 | | |
| | | | | |
| | TOTAL CREDIT HOURS | 14 | TOTAL CREDIT HOURS | 12 |

Total Credit Hours: 120

* Denotes prerequisite courses before program admission

PLEASE NOTE: Prerequisites, Course Numbers, and Course Titles are subject to change.

Consult your advisor each semester.

For more Information:

Department: Agriculture

Website: www.wku.edu/agriculture

Phone: 270-745-3151

Email: agriculture@wku.edu

Course Descriptions: <http://www.wku.edu/undergradcatalog/>