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|  | |  | | --- | | **BACHELOR of SCIENCE in AGRICULTURE (#508)**  **CONCENTRATION in Horse 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. | |

**SAMPLE – Finish in Four Plan**

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| **FIRST YEAR** | | | |
| **Fall Semester** | | **Spring Semester** | |
| |  | | --- | | ENG 100 – Introduction to College Writing (F-W1) | | 3 | |  | | --- | | COMM 145 – Business and Professional Speaking (F-OC | | 3 |
| |  | | --- | | MATH 115 – Applied College Algebra (F-QR) | | 3 | |  | | --- | | AGRI 108 – Rural Sociology | | 3 |
| |  | | --- | | CHEM 105/106 – Fundamentals of Chemistry (with a Lab) (E-NS, SB) | | 4 | |  | | --- | | AGRO 110 – Introduction to Plant Science | | 3 |
| |  | | --- | | ANSC 140/141 – Introduction to Animal Science (with a Lab) | | 4 | |  | | --- | | CHEM 107/108 – Fundamentals of Organic Chemistry (with a Lab) | | 4 |
| |  | | --- | | AGRI 175 – University Experience - Agriculture | | 1 | |  | | --- | | AGMC 176 – Agriculture Safety | | 2 |
| **TOTAL CREDIT HOURS** | **15** | **TOTAL CREDIT HOURS** | **15** |

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| **SECOND YEAR** | | | |
| **Fall Semester** | | **Spring Semester** | |
| |  |  | | --- | --- | | ENG 200 – Introduction to Literature (E-AH) |  | | 3 | |  | | --- | | World Language, if needed, OR General Elective | | 3 |
| |  | | --- | | AGMC 170/171 – Agriculture Mechanics (with a Lab) | | 3 | |  | | --- | | ANSC 130/131 Intro to Horse Science (with a Lab) | | 3 |
| |  | | --- | | ANSC 240/241 – Livestock Management (with a Lab) | | 3 | |  | | --- | | AGRI 291 – Introduction to Data Analysis and Interpretation | | 3 |
| |  | | --- | | BIOL 120/121 – Biological Concepts: Cell Metabolism and Genetics (with a Lab) | | 4 | |  | | --- | | Arts & Humanities (E-AH) | |  | | 3 |
| |  | | --- | | Social & Behavioral Studies (E-SB) | | 3 | |  | | --- | | ENG 300- Writing in the Disciplines (F-W2) | | 3 |
| **TOTAL CREDIT HOURS** | **16** | **TOTAL CREDIT HOURS** | **15** |

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| **THIRD YEAR** | | | |
| **Fall Semester** | | **Spring Semester** | |
| |  | | --- | | HIST 101- World History I OR HIST 102 – World History II (F-SB) | | 3 | AGRI 398 - Animal Science Seminar | 1 |
| AGRO 350 - Soils | 3 | ANSC 344 Anatomy/Physiology of Animals | 3 |
| ANSC 330/331 Horse Production (with a Lab) | 3 | AGEC 160 – Introduction to Agribusiness and Agricultural Entrepreneurship | 3 |
| ANSC 345 – Principles of Animal Nutrition | 3 | Connections- Social & Cultural (K-SC) | 3 |
| ANSC 232 Basic Equitation | 2 | Connections- Local to Global (K-LG) | 3 |
| AGRI 369: Equine Experience | 1 | ANSC 333/334 Horse Training (with a Lab) | 3 |
| **TOTAL CREDIT HOURS** | **15** | **TOTAL CREDIT HOURS** | **16** |

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| **FOURTH YEAR** | | | |
| **Fall Semester** | | **Spring Semester** | |
| AGRI 397 – Agriculture Career Planning | 1 | AGRI 494 – Contemporary Agricultural Issues | 3 |
| ANSC 437/438 – Animal Pathology | 3 | ANSC 446/447 Animal Breeding (with a Lab) | 3 |
| Animal/Equine Science Elective | 3 | ANSC 448 – Animal Feeds and Feeding Practices | 4 |
| Connections- Systems (K-SY) | 3 | Animal/Equine Science Elective | 3 |
| AGRI 369 Equine Experience | 2 | Animal/Equine Science Elective | 3 |
| **TOTAL CREDIT HOURS** | **12** | **TOTAL CREDIT HOURS** | **16** |

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| \* Denotes prerequisite courses before program admission  ***PLEASE NOTE:*** *Prerequisites, Course Numbers, and Course Titles are subject to change. Consult your advisor each semester.* |

Total Credit Hours: 121

For more details and courses offered in the Colonnade General Education program, visit the [website](https://www.wku.edu/colonnade/).

**World Language Requirement**: Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU requirement.

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| **For more Information:** | **Department:** Agriculture and Food Science |
|  | **Website:** <http://www.wku.edu/agriculture> |
|  | **Phone:** (270) 745-3151 or (270) 745-5962 |
|  | **Email:** [Jennifer.gill@wku.edu](mailto:Jennifer.gill@wku.edu) |
|  | Course Descriptions: http://www.wku.edu/undergraduatecatalog/ |