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

Department of AgricultureOgden College of Science and EngineeringWestern Kentucky University |
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| 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. |

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**SAMPLE – Finish in Four Plan**

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| **FIRST YEAR** |
| **Fall Semester** | **Spring Semester** |
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| ENG 100 – Introduction to College Writing (F-W1)  |

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|  COMM 145 – Business and Professional Speaking (F-OC  |

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| MATH 115 – Applied College Algebra (F-QR)  |

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|  AGRI 108 – Rural Sociology  |

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| CHEM 105/106 – Fundamentals of Chemistry (with a Lab) (E-NS, SB)  |

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|  AGRO 110 – Introduction to Plant Science  |

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|  ANSC 140/141 – Introduction to Animal Science (with a Lab)  |

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|  CHEM 107/108 – Fundamentals of Organic Chemistry (with a Lab)  |

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|  AGRI 175 – University Experience - Agriculture  |

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|  AGMC 176 – Agriculture Safety  |

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| **TOTAL CREDIT HOURS** | **15** | **TOTAL CREDIT HOURS** | **15** |

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| **SECOND YEAR** |
| **Fall Semester** | **Spring Semester** |
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|  ENG 200 – Introduction to Literature (E-AH)  |   |

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|  World Language, if needed, OR General Elective  |

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|  AGMC 170/171 – Agriculture Mechanics (with a Lab)  |

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|  ANSC 130/131 Intro to Horse Science (with a Lab)  |

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|  ANSC 240/241 – Livestock Management (with a Lab)  |

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|  AGRI 291 – Introduction to Data Analysis and Interpretation  |

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|  BIOL 120/121 – Biological Concepts: Cell Metabolism and Genetics (with a Lab)  |

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|  Arts & Humanities (E-AH)  |
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|  Social & Behavioral Studies (E-SB)  |

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|  ENG 300- Writing in the Disciplines (F-W2)  |

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| **TOTAL CREDIT HOURS** | **16** | **TOTAL CREDIT HOURS** | **15** |

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| **THIRD YEAR** |
| **Fall Semester** | **Spring Semester** |
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| 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  |
|  | Course Descriptions: http://www.wku.edu/undergraduatecatalog/ |