



**ARKANSAS STATE  
UNIVERSITY**

**Eight-Semester Degree Plan  
Bachelor of Science in Agriculture  
Major in Animal Science  
Emphasis in Equine Management  
2017-2018**

| Year 1   |  |     |        |                             |   |        |        |
|--|--|-----|--------|-----------------------------|---|--------|--------|
| Fall Semester  |  |     |        | Spring Semester             |   |        |        |
| Course No.   | Course Name  | Hrs | Gen Ed | Course No.                  | Course Name   | Hrs    | Gen Ed |
| ENG 1003   | Comp I   | 3   | x      | AGEC 1003                   | Intro to Agribusiness   | 3      |        |
| AGRI 1213  | Making Connections in Ag   | 3   | X      | PSSC 1303                   | Intro to Plant Science  | 3      |        |
| ANSC 1613/1621   | Intro to Animal Science/ Lab   | 4   |        | ENG 1013                    | Comp II   | 3      | x      |
| MATH 1023  | College Algebra  | 3   | x      | BIOL 1003/1001              | Biological Science/ Lab   | 4      | x      |
| HIST 1013/1023; SOC 2013; PSY 2013; POSC 1003; GEO 2613; CMAC 1003 | Choose: World Civ. to or since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication | 3   | x      | ANSC 1602                   | Beginning Equitation  | 2      |        |
| <b>Total Hours:</b>  |  | 16  |        | <b>Total Hours:</b>         |   | 15     |        |
| Year 2   |  |     |        |                             |   |        |        |
| Fall Semester  |  |     |        | Spring Semester             |   |        |        |
| Course No.   | Course Name  | Hrs | Gen Ed | Course No.                  | Course Name   | Hrs    | Gen Ed |
| ECON 2313 / 2333   | Macroeconomics or Economic Concepts  | 3   | x      | HIST 2763/2773 or POSC 2103 | US History to/ since 1876 or Intro to US Government                       | 3      | x      |
| ANSC 2623  | Equine Health and Management   | 3   |        | ANSC 1612                   | Intermediate Western Equitation   | 2      |        |
| CHEM 1013/1011 or CHEM 1043/1041                                   | General Chemistry I/ Lab or Fund. Concepts of Chemistry/ Lab   | 4   | x      | PSSC 2813                   | Soils   | 3      |        |
| COMS 1203  | Oral Communication   | 3   | x      | CHEM 1023/1021 or CHEM 1052 | General Chemistry II/ Lab or Fundamental Concepts of Organic/Biochemistry | 4 or 2 |        |
| ANSC 1522  | Beginning English Equitation   | 2   |        | ENG 2003/ 2013/ PHIL 1003   | Intro to World Literature to/since 1660 or Intro to Philosophy            | 3      | x      |
| <b>Total Hours:</b>  |  | 15  |        | *Free Electives             | Free Electives- if taking CHEM 1052                                       | 2      |        |
| <b>Total Hours:</b>  |  | 15  |        | <b>Total Hours:</b>         |   | 15-17  |        |
| Year 3   |  |     |        |                             |   |        |        |
| Fall Semester  |  |     |        | Spring Semester             |   |        |        |
| Course No.   | Course Name  | Hrs | Gen Ed | Course No.                  | Course Name   | Hrs    | Gen Ed |
| ART/MUS/THEA 2503  | Fine Arts: Visual/ Musical/ Theater Choose one   | 3   | x      | AGRI 2213 or BIO 3013       | Genetic Improvement of Plant and Animals or Genetics                      | 3      |        |
| ANSC 3613  | Nutritional Management of Domestic Animals   | 3   |        | AGEC 4073                   | Ag Business Management  | 3      |        |
| BIO 2103/2101  | Microbiology for Nursing / lab   | 4   |        | ANSC 4613                   | Horse Production  | 3      |        |
| AGRI 3233 or STAT 3233   | Applied Ag Stats or Applied Stats  | 3   |        | ANSC Electives              | Upper Level ANSC Electives  | 3      |        |
| ANSC 3633  | Veterinary Anatomy and Physiology  | 3   |        | Free Elective               | Free Elective   | 3      |        |

|                                 |                            |            |               |                            |  |            |               |
|---------------------------------|----------------------------|------------|---------------|----------------------------|--|------------|---------------|
|                                 |                            |            |               |                            |  |            |               |
| <b>Total Hours:</b>             |                            | 16         |               | <b>Total Hours:</b>        |  | 15         |               |
| <b>Year 4</b>                   |                            |            |               |                            |  |            |               |
| <b>Fall Semester</b>            |                            |            |               | <b>Spring Semester</b>     |  |            |               |
| <b>Course No.</b>               | <b>Course Name</b>         | <b>Hrs</b> | <b>Gen Ed</b> | <b>Course No.</b>          | <b>Course Name</b>   | <b>Hrs</b> | <b>Gen Ed</b> |
| ANSC 4743                       | Equine Nutrition           | 3          |               | Support Elective           | Upper level support elective from AGECE, AGED, ANSC, BIO, CHEM, PSSC | 3          |               |
| ANSC Electives                  | Upper Level ANSC Electives | 3          |               | Support Elective           | Upper level support elective from AGECE, AGED, ANSC, BIO, CHEM, PSSC | 3          |               |
| ANSC Electives                  | Upper Level ANSC Electives | 3          |               | Support Elective           | Upper level support elective from AGECE, AGED, ANSC, BIO, CHEM, PSSC | 3          |               |
| AGRI 3723                       | Ag Connections             | 3          |               | Free Elective              | Free Elective  | 2-3        |               |
| ANSC Electives                  | Upper Level ANSC Elective  | 3          |               |                            |  |            |               |
|                                 |                            |            |               |                            |  |            |               |
| <b>Total Hours:</b>             |                            | 15         |               | <b>Total Hours:</b>        |  | 11-12      |               |
| <b>Total Upper-Level Hours:</b> |                            | 45         |               | <b>Total Degree Hours:</b> |  | 120        |               |

Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. **Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters.** A minimum of 45 hours of upper-level credit (3000-4000 level) is required for this degree. Mandatory state and institutional assessment exams will be required during your degree program. **Failure to participate in required assessments may delay graduation.**

**Additional Graduation Requirements:**

- 12 hours upper level Animal Science Electives
- 9 Hours upper level support electives
- 7 or 9 hours of free electives