

Agricultural Science – Pre-Veterinary Option (BS)

Suggested Plan of Study

2014-2015 Catalog

| Fall - Semester 1 | | Spring - Semester 2 | |
|---|-----------|---|-----------|
| ENGL 1113 Composition I | 3 | ENGL 1123 Composition II | 3 |
| Mathematics (MATH 1023, MATH 1045 or MATH 1525) | 3 | AGEC 2073 Principles of Agricultural Economics | 3 |
| PLSC 1003 Introduction to Plant Science | 3 | Fine Arts/Humanities (ART 2013, HUM 2003, MUS 2013 or THEA 2003 or Foreign Language) | 3 |
| ANSC 1003/1001 Introduction to Animal Science/Lab | 4 | BIOL 1103/1101 University Biology I/Lab | 4 |
| GSTD 1002 Freshman Seminar | 2 | *HIST 1003 or 1013 World History I or II OR HIST 2013 or 2023 U.S. History I or II or PSCI 2003 American Government: National | 3 |
| Total Semester Hours | 15 | Total Semester Hours | 16 |
| Fall - Semester 3 | | Spring - Semester 4 | |
| World Literature I/II (ENGL 2213 or ENGL 2223) | 3 | Fine Arts/Humanities (ART 2013, HUM 2003, ENGL 2213, ENGL 2223, MUS 2013, PHIL 2403, or THEA 2003) | 3 |
| CHEM 1023/1021 University Chemistry I/Lab | 4 | CHEM 1123/1121 University Chemistry II/Lab | 4 |
| ANSC 2002/2001 Animal Nutrition I/Lab | 3 | ANSC 2013 Animal Anatomy and Physiology | 3 |
| PLSC 2012/2011 Soil Science/Lab | 3 | BIOL 2023/2021 Vertebrate Zoology/Lab | 4 |
| PLSC 2022/2021 Elements of Forestry/Lab | 3 | | |
| Total Semester Hours | 16 | Total Semester Hours | 14 |
| Fall - Semester 5 | | Spring - Semester 6 | |
| ANSC 3013 Animal Diseases and Health | 3 | ANSC 3023 Animal Nutrition II | 3 |
| BIOL 3032/3022 General Microbiology/Lab | 4 | ANSC 3033 Genetics of Animals and Plants | 3 |
| CHEM 3003/3001 Organic Chemistry I/Lab | 4 | ANSC 4003 Advanced Animal Physiology | 3 |
| ANSC 3042/3041 Animal Reproductive Physiology/Lab | 3 | MATH 1033 Plane Trigonometry | 3 |
| PLSC 3012/3011 Forage Production and Management/Lab | 3 | PLSC 2002/2001 Principles of Horticulture/Lab | 3 |
| Total Semester Hours | 17 | Total Semester Hours | 15 |
| Fall - Semester 7 | | Spring - Semester 8 | |
| AGRI 4033 Issues in Agriculture | 3 | AGEC 3043 Farm Management | 3 |
| BIOL 2083/2081 General Botany/Lab | 4 | *HIST 1003 or 1013 World History I or II OR HIST 2013 or 2023 U.S. History I or II or PSCI 2003 American Government: National | 3 |
| Animal Science Elective | 3 | Animal Science Elective | 3 |
| PHYS 2003/2001 College Physics I/Lab | 4 | CHEM 3073/3071 Biochemistry I/Lab | 4 |
| SPCH 1113 Introduction to Public Speaking | 3 | PHYS 2103/2101 College Physics II/Lab | 4 |
| Total Semester Hours | 17 | Total Semester Hours | 17 |

Total hours required for Major – 127

*Note: Must have six hours of history/government. Three hours must be World History I or II. Three hours must be U.S. History I, U.S. History II or American Government: National.

| Fall - Animal Science Electives | Spring - Animal Science Electives |
|---|------------------------------------|
| ANSC 4142/4141 Horse Production/Lab | ANSC 4102/4101 Beef Production/Lab |
| AGRI 4452/4551 Internship in Agriculture I & II | |
| Offered on demand only | |
| ANSC 4112/4111 Dairy Production/Lab | |
| ANSC 4122/4121 Swine Production/Lab | |
| ANSC 4132/4131 Poultry Production/Lab | |