

Dale Bumpers College of Agricultural, Food & Life Sciences
EIGHT-SEMESTER DEGREE COMPLETION PROGRAM
B.S.A. – Animal Science Pre-Professional / Science Concentration (PPRF)
2020-2021

Requirements: 1 hour University Perspectives; 12 hours Communication; 3 hours History; 3 hours Mathematics; 8 hours Biological Sciences; 8 hours Chemical and Physical Sciences; 6 hours Fine Arts/Humanities; 9 hours Social Sciences; 31 hours Animal Science Core; 20-21 hours Pre-Professional Concentration; 18-19 hours general electives.

Bold – Course meets University Core Pre-requisites, co-requisites, or recommended courses are in parentheses.

| Fall Semester Year 1 | | Spring Semester Year 1 | |
|---|-----------|---|--------------|
| Course | Hours | Course | Hours |
| UNIV 1001 University Perspectives | 1 | ENGL 1023 Composition II | 3 |
| ENGL 1013 Composition I | 3 | Social Sciences Core Elective** | 3 |
| ANSC 1033 Intro to Animal Sciences | 3 | ANSC 2113/2111L Intro to Animal Evaluation and Handling | 4 |
| MATH 1203 College Algebra | 3 | General Elective. | 1 |
| BIOL 1543/1541L Principles of Biology w/lab | 4 | General Elective (recommended CHEM 1103/1101L University Chemistry I w/lab) | 4 |
| ANSC 1781 Career Preparation & Development | 1 | Total Semester Hours | 15 |
| Total Semester Hours | 15 | | |
| Fall Semester Year 2 | | Spring Semester Year 2 | |
| Course | Hours | Course | Hours |
| Communication Intensive Elective** | 3 | BIOL 2013/2011L General Microbiology w/lab | 4 |
| CHEM 1073/1071L Fundamentals of Chemistry w/lab OR CHEM 1123/1121L University Chemistry II w/lab | 4 | General Elective | 2 |
| ANSC 3213 Animal Behavior | 3 | Chemical or Physical Sciences Elective** | 4 |
| History/Government Core Elective** | 3 | Fine Arts/Humanities Core Elective** | 3 |
| Fine Arts/Humanities Core Elective** | 3 | Communication Intensive Elective** | 3 |
| Total Semester Hours | 16 | Total Semester Hours | 16 |
| Fall Semester Year 3 | | Spring Semester Year 3 | |
| Course | Hours | Course | Hours |
| ANSC 3433 Fundamentals of Reproductive Physiology | 3 | ANSC Core Elective** | 2 |
| ANSC 3143/3141L Principles of Animal Nutrition w/lab | 4 | General Elective | 2-3 |
| PHYS 2013/2011L College Physics I w/lab | 4 | ANSC 3033 Animal Physiology | 3 |
| CHEM 3613/3611L Organic Chemistry II w/lab | 4 | PHYS 2033/2031L College Physics II w/lab | 4 |
| Total Semester Hours | 15 | BIOL 1603/1601L Principles of Zoology w/lab or BIOL 2533 Cell Biology | 3-4 |
| | | Total Semester Hours | 14-16 |
| Fall Semester Year 4 | | Spring Semester Year 4 | |
| Course | Hours | Course | Hours |
| Social Sciences Core Elective** | 3 | PPRF Concentration Elective** | 2 |
| ANSC Core Elective** | 2 | Social Science Core Elective** | 3 |
| General Elective | 4 | ANSC 4993 Animal Science Capstone | 3 |
| ANSC 3123 Principles of Genetics or ANSC 3133 Principles of Genetics | 3 | General Electives | 5 |
| CHEM 3813 Biochemistry | 3 | Total Semester Hours | 13 |
| Total Semester Hours | 15 | TOTAL HOURS | 120 |

*See specific course for prerequisites. **See degree audit for approved course list.

For graduation, students must complete 120 hrs with at least 40 hrs of Junior or Senior level, and 9 hrs other than ANSC.