



**B.S. Animal & Veterinary Sciences
Production Option
2020-2021 Catalog**

**University of Wyoming
B.S. Animal & Veterinary Sciences
Production Option**

| | cr | Min Grade | Notes |
|------------------------------------------------------------------------------------------------|----|-----------|-------|
| USP - University Studies Program Requirements | | | |
| USP: First Year Seminar | 3 | | FYS |
| USP: Communications I ENGL 1010 College Composition and Rhetoric (Required in major) | 3 | C | C1 |
| USP: Communications II | 3 | C | C2 |
| USP: Communications III (ANSC 4630 required in major) | 3 | C | C3 |
| USP: US & Wyoming Constitutions | 3 | | V |
| USP: Human Culture | 3 | | H |
| | 3 | | H |
| USP: Quantitative MATH 1400 College Algebra (Required in major) | 3 | | Q |
| USP: Physical & Natural World LIFE 1010 General Biology (Required in major) | 4 | C | PN |
| CHEM 1000 Introduction to Chemistry (Required in major) | 4 | | PN |
| Credit hours subtotal: | | | 32 |
| Animal and Veterinary Science | | | |
| ANSC 1010 Introduction to Animal Science | 4 | | |
| ANSC 2020 Feeds and Feeding | 4 | | |
| ANSC 3010 Comparative Anatomy and Physiology of Domestic Animals | 4 | | |
| ANSC 3100 Principles of Animal Nutrition | 3 | C | |
| ANSC 4120 Principles of Mammalian Reproduction | 3 | C | |
| ANSC 4540 Principles of Animal Breeding | 3 | C | |
| Select two (2) courses from the following: | | | |
| ANSC 3150 Equine Nutrition and Physiology | | | |
| ANSC 4220 Advanced Beef Production and Management | 6 | | |
| ANSC 4230 Advanced Sheep Production Management | | | |
| ANSC 4240 Advanced Swine Production and Management | | | |
| ANSC 4250 Advanced Equine Production and Management | | | |
| PATB 4110 Diseases of Food Animals | 3 | C | |
| Credit hours subtotal: | | | 30 |
| Agricultural Sciences | | | |
| FDSC 2040 Principles of Meat Animal Evaluation | 3 | | |
| FDSC 3060 Principles of Meat Science and Muscle Biology | 3 | C | |
| AGEC 1020 Principles of Microeconomics | 3 | | |

| | | | |
|----------------------------------------------|---|--|--|
| AGEC 2020 Farm and Ranch Business Management | 4 | | |
| REWM 2000 Principles of Rangeland Management | 3 | | |

Credit hours subtotal: 16

Additional Math and Science Courses

| | | | |
|-----------------------------------------------------------|---|---|--|
| Statistics, choose one: | | | |
| STAT 2050 Fundamentals of Statistics | 4 | | |
| STAT 2070 Introductory Statistics for the Social Sciences | | | |
| LIFE 2022 Animal Biology | 4 | C | |
| LIFE 3050 Genetics | 4 | | |

| | | | |
|------------------------------------------|-----|--|--|
| Choose one: | | | |
| ANSC 2010 Domestic Animal Metabolism | | | |
| CHEM 2300 Introductory Organic Chemistry | 3-4 | | |

Credit hours subtotal: 15-16

General Electives

| | | | |
|----------|-------|--|--------------------------------------------------------------|
| Elective | 34-35 | | Electives should work to fulfill upper division requirement. |
|----------|-------|--|--------------------------------------------------------------|

Credit hours subtotal: 34-35

B.S. Animal & Veterinary Sciences, Production Option

total credit total: 128

B.S. Animal & Veterinary Sciences, Production Option Program Notes:

This option provides a strong background in livestock production and management. Students interested in livestock production should enroll in this option.

A grade of C or better must be earned in the following courses when the courses are required in the individual Animal & Veterinary Sciences major option for completion of the degree: ANSC 3010, 3100, 4120, 4540, 4630, FDSC 3060, PATB 4110, 4111, LIFE 1010, 2022.

- The major requires students to earn a total of 128 credit hours; 42 credit hours or more must be at the 3000-level or above.
- See the "Prerequisite and MPE Cut Score Reference Chart" on the Math Placement website for the most up-to-date math placement equivalencies: <http://uwyo.edu/mathstats/math-placement>
- Students may not take a course for S/U credit to satisfy any requirement, unless the course is offered for S/U credit only.

University of Wyoming Requirements

- Students must have a minimum cumulative GPA of 2.0 to graduate.
- Students must complete 42 hours of upper division (3000-level or above) coursework, 30 of which must be from the University of Wyoming.
- Courses must be taken for a single letter grade unless offered only for S/U.
- University Studies Program (USP), Human Culture (H) and Physical & Natural World (PN) courses must be taken outside of the major subject, but can be cross-listed with the major.

College of Agriculture and Natural Resources

- At least 30 hours in the major subject must be completed with a grade of C or better (individual majors may require more).

The University of Wyoming Office of the Registrar provides final approval of degree completion requirements prior to the awarding of any degree.

