

Animal Science, AS



Casper College

FRESHMAN YEAR

| Fall Semester | | | Hrs | Spring Semester | | | Hrs |
|---------------|------|------------------------|------------------|-----------------|------|---------------------------------|------------------|
| ANSC | 1010 | Livestock Production I | 4 | | | Physical Education Requirement | 1 |
| BIOL | 1000 | General Biology I | 4 | ANSC | 1020 | Livestock Production II | 3 |
| ENGL | 1010 | English I: Composition | 3 | CHEM | 1005 | Basic Chemistry I | 3 |
| MATH | 1400 | Pre-Calculus Algebra | 4 | CHEM | 1006 | Basic Chemistry Laboratory I | 1 |
| | | | | ENGL | 1020 | English II: Composition | 3 |
| | | | | FDSC | 2100 | Principles of Meat Science* | 2 |
| | | | | HIST | 1211 | United States to 1865 | 3 |
| | | | | | OR | | |
| | | | | HIST | 1221 | United States from 1865 (3 hrs) | |
| TOTAL | | | <u>15</u> | TOTAL | | | <u>16</u> |

SOPHOMORE YEAR

| Fall Semester | | | Hrs | Spring Semester | | | Hrs |
|---------------|------|--------------------------------|------------------|-----------------|------|-----------------------------------|------------------|
| AGEC | 1010 | Agriculture Economics I | 3 | | | Cultural Environment Requirement | 3 |
| ANSC | 2110 | Beef Production | 3 | AGEC | 1020 | Agriculture Economics II | 3 |
| BIOL | 2022 | Animal Biology | 4 | AGEC | 2020 | Farm/Ranch Business Management | 4 |
| FDSC | 2040 | Meat Animal Evaluation | 3 | ANSC | 2020 | Feeds and Feeding | 4 |
| REWM | 2000 | Principles of Range Management | 3 | | | ANSC Elective: Sheep/Swine/Equine | 3 |
| TOTAL | | | <u>16</u> | TOTAL | | | <u>17</u> |

TOTAL CC AS DEGREE HOURS 64

Successful completion of the 2+2 plan requires that a student remain continuously enrolled and graduate with the associate's degree from his or her respective community college. • This is a guide for course work in the major; actual course sequence may vary by student. Please refer to the online student degree evaluation. • Not all courses are offered every semester and some electives may have prerequisites. Students should review the course descriptions in the catalogs of their respective institutions and consult with their academic advisor to plan accordingly. • Academic plans and course schedules may need to be altered if ACT or Math Placement scores require a student to take pre-college courses (e.g., MATH 0900, 0921, or 0925) before taking required math or English courses.

Casper College requirements:

In order to graduate, students must successfully complete a minimum of 60 credit hours, with 15 of the last 30 semester hours completed as a degree-seeking student at Casper College, and with a grade point average of 2.0 or higher in those courses counted toward graduation. • Students must earn at least 24 of the semester credits applied toward graduation through the completion of Casper College coursework, including at least six (6) hours with the desired major. • Only courses numbered 1000 or above can be used toward the degree.

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 letter grade unless offered only for S/U.

Animal & Veterinary Science, BS

Production Option

University of Wyoming



JUNIOR YEAR

| Fall Semester | | | Hrs | Spring Semester | | | Hrs |
|---------------|------|--|------------------|-----------------|------|--|------------------|
| ANSC | 2010 | Domestic Animal Metabolism | 3 | ANSC | 3010 | Comp Anat and Phys of Domestic Animals | 4 |
| | | <i>OR</i> | | ANSC | 3100 | Principles of Animal Nutrition | 3 |
| CHEM | 2300 | Introductory Organic Chemistry (4 hrs) | | LIFE | 3050 | Genetics | 4 |
| ANSC | 3150 | Equine Nutrition and Physiology ** | 3 | | | Electives | 6 |
| PATB | 4110 | Diseases of Food Animals | 3 | | | | |
| STAT | 2050 | Fundamentals of Statistics | 4 | | | | |
| | | Upper Division Elective | 3 | | | | |
| TOTAL | | | <u>16</u> | TOTAL | | | <u>17</u> |

SENIOR YEAR

| Fall Semester | | | Hrs | Spring Semester | | | Hrs |
|---------------|------|--------------------------------------|------------------|-----------------|------|--|-------------------|
| ANSC | 4120 | Principles of Mammalian Reproduction | 3 | ANSC | 4220 | Advanced Beef Production & Mgmt. ** | 3 |
| ANSC | 4540 | Principles of Animal Breeding | 3 | ANSC | 4230 | Advanced Sheep Production & Mgmt. ** | 3 |
| | | Upper Division Electives | 7 | ANSC | 4630 | Topics and Issues in Animal Science C3 | 3 |
| | | Elective | 3 | | | Upper Division Electives | 6 |
| TOTAL | | | <u>16</u> | TOTAL | | | <u>15</u> |
| | | | | | | TOTAL UW HOURS | <u>64</u> |
| | | | | | | TOTAL UW BS DEGREE HOURS | <u>128</u> |

Casper College Animal Science Program Notes:

* This course will fulfill the FDSC 3060 (Principles of Meat Science & Muscle Biology) requirement at UW.

UW Animal & Veterinary Science - Production Option Program Notes:

** Required production courses.