

## **2025-2026 Block Transfer: Qualifying Transfer Associate Degree from a Wyoming Community College in any major to the University of Wyoming** **Animal and Veterinary Science, B.S. (Animal Biosciences Concentration)**

This Block Transfer has been written for students who have earned a qualifying transfer associate degree (*Associate of Arts (AA)*, *Associate of Science (AS)*, *Associate of Business (AB)*, or *Associate Degree in Nursing (ADN)*) with a minimum of sixty (60) credits in any major from one of the Wyoming Community Colleges (WYCC) who wish to complete the Bachelors with a major in Animal and Veterinary Science, B.S. (Animal Biosciences Concentration) at the University of Wyoming (UW).

While some of the courses taken for the associate degree at the Community College are not specified in this document, the UW degree program relies on the foundational coursework completed for the associate degree to prepare the student for baccalaureate-level study.

Courses/categories that could/should be taken at the WYCCs are highlighted in GREEN. Students may satisfy these requirements by taking an equivalent course at a community college. The UW course is listed on the left; if a community college offers an equivalent course, it will be listed under the community college name in the table.

Courses/categories that are offered at some (but not all) of the WYCCs and at UW are highlighted in TURQUOISE. Students may take these courses at a community college that offers an equivalent course or after transferring to UW.

Courses/categories that must be taken at UW are highlighted in GOLD. If a student wishes to take any of these courses at another institution, they must speak with their UW academic adviser.

### **BLOCK 1: University Studies Program (USP) Requirements**

This degree requires that The University Studies Program 2015 requirements are met before graduation. Some of the courses required for this major fulfill USP requirements, but not all. Students should check their degree evaluations and consult with their assigned academic advisor to discuss their specific course plan.

Please refer to the [University Catalog](#) and click on the link in the left-hand navigation pane titled “The University Studies Program 2015” for more information.

A grade of C or above is required for University Studies Program (USP) categories: FYS, C1, C2, and C3.

|    | USP Requirement                                                   | UW Course in Major                                       |
|----|-------------------------------------------------------------------|----------------------------------------------------------|
| C1 | Communication 1 (3cr)                                             | Satisfied upon completion of qualifying associate degree |
| C2 | Communication 2 (3cr)                                             | Satisfied upon completion of qualifying associate degree |
| C3 | Communication 3 (3cr)                                             | ANSC 4630                                                |
| Q  | Quantitative Reasoning (3cr)                                      | MATH 1400                                                |
| PN | Physical and Natural World (1) (3cr)                              | LIFE 1010                                                |
| PN | Physical and Natural World (2) (3cr)                              | CHEM 1020                                                |
| H  | Human Culture (1) (3cr)                                           | Satisfied upon completion of qualifying associate degree |
| H  | Human Culture (2) (3cr)                                           | Satisfied upon completion of qualifying associate degree |
| V  | U.S. & WY Constitution (3cr)                                      | Satisfied upon completion of qualifying associate degree |
|    | Any 3-credit hour of FYS or 3-credit hours of USP electives (3cr) | Satisfied upon completion of qualifying associate degree |

### **Animal and Veterinary Science, B.S. (Animal Biosciences Concentration)**

This option provides students with a comprehensive foundation in livestock production/management needed for a career in the livestock industry. This option is also suited to students needing greater flexibility with elective/transfer coursework.

## BLOCK 2: Lower Division Requirements

### University of Wyoming Requirements:

- Total minimum credits required for most degrees (including transfer credit) is 120 credits.
- Students must complete 42 hours of upper division (3000-level or above) coursework, 30 of which must be taken in residence at UW.
- No more than 4 credits of physical activity may be applied to the minimum credit hour requirement for UW baccalaureate degree.
- The UW Office of the Registrar provides final approval of degree completion requirements prior to the awarding of any degree.

### Animal and Veterinary Science Requirements:

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

| UW Courses                                                                                                                                                     | Casper<br>Community<br>College                 | Central<br>Wyoming<br>College                  | Eastern<br>Wyoming<br>College                  | Laramie<br>County<br>Community<br>College | Northern<br>Wyoming<br>Community<br>College<br>District | Northwest<br>College                           | Western<br>Wyoming<br>Community<br>College     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|-------------------------------------------|---------------------------------------------------------|------------------------------------------------|------------------------------------------------|
| <b>Animal and Veterinary Sciences</b>                                                                                                                          |                                                |                                                |                                                |                                           |                                                         |                                                |                                                |
| ANSC 1010 - Introduction to Animal Science (4cr)                                                                                                               | ANSC 1010                                      | ANSC 1010                                      | ANSC 1010                                      | ANSC 1010                                 | ANSC 1010                                               | ANSC 1010                                      |                                                |
| <b>Math/Science Required Courses</b>                                                                                                                           |                                                |                                                |                                                |                                           |                                                         |                                                |                                                |
| LIFE 1010 - General Biology (PN) (4cr)                                                                                                                         | BIOL 1010                                      | BIOL 1010                                      | BIOL 1010                                      | BIOL 1010                                 | BIOL 1010                                               | BIOL 1010                                      | BIOL 1010                                      |
| LIFE 2022 - Animal Biology (4cr)                                                                                                                               | BIOL 2022                                      | BIOL 2022                                      |                                                | BIOL 2022                                 | BIOL 2022                                               |                                                | BIOL 2022                                      |
| MATH 1400 - College Algebra (Q) (3cr)                                                                                                                          | MATH 1400                                      | MATH 1400                                      | MATH 1400                                      | MATH 1400                                 | MATH 1400                                               | MATH 1400                                      | MATH 1400                                      |
| STAT 2050 - Fundamentals of Statistics (4cr) (Q)                                                                                                               | STAT 2050                                      | STAT 2050                                      | STAT 2050                                      | STAT 2050                                 | STAT 2050                                               | STAT 2050                                      | STAT 2050                                      |
| <b>Animal Biosciences Concentration</b>                                                                                                                        |                                                |                                                |                                                |                                           |                                                         |                                                |                                                |
| MICR/PATB 2220 - Pathogenic Microbiology (4cr)                                                                                                                 | MOLB 2220                                      |                                                |                                                |                                           |                                                         |                                                |                                                |
| <b>Animal Biosciences Concentration- Supporting Agriculture/ Math/Science</b>                                                                                  |                                                |                                                |                                                |                                           |                                                         |                                                |                                                |
| CHEM 1020 - General Chemistry I (PN) (credits: 4)                                                                                                              | CHEM 1020                                      | CHEM 1020                                      | CHEM 1020                                      | CHEM 1020                                 | CHEM 1020                                               | CHEM 1020                                      | CHEM 1020                                      |
| CHEM 1030 - General Chemistry II (4cr) (PN)                                                                                                                    | CHEM 1030                                      | CHEM 1030                                      | CHEM 1030                                      | CHEM 1030                                 | CHEM 1030                                               | CHEM 1030                                      | CHEM 1030                                      |
| CHEM 2300 - Introductory Organic Chemistry (4cr)<br><b>OR</b><br>CHEM 2420 - Organic Chemistry I (4cr)<br><b>AND</b><br>CHEM 2440 - Organic Chemistry II (4cr) | CHEM 2300<br>OR<br>CHEM 2420<br>+<br>CHEM 2440 | CHEM 2300<br>OR<br>CHEM 2420<br>+<br>CHEM 2440 | CHEM 2300<br>OR<br>CHEM 2420<br>+<br>CHEM 2440 | CHEM 2420<br>+<br>CHEM 2440               | CHEM 2300<br>OR<br>CHEM 2420<br>+<br>CHEM 2440          | CHEM 2300<br>OR<br>CHEM 2420<br>+<br>CHEM 2440 | CHEM 2300<br>OR<br>CHEM 2420<br>+<br>CHEM 2440 |
| LIFE/MICR/MOLB 2021 - General Microbiology (4cr)                                                                                                               | MOLB 2210                                      | MOLB 2210                                      | MOLB 2210                                      |                                           | MOLB 2210                                               | MOLB 2210                                      | MOLB 2210                                      |
| PHYS 1050 - Concepts of Physics (4cr) (PN)                                                                                                                     | PHYS 1050                                      | PHYS 1050                                      | PHYS 1050                                      | PHYS 1050                                 | PHYS 1050                                               |                                                | PHYS 1050                                      |

| <b>BLOCK 3: Upper Division Requirements</b>                              |                                  |
|--------------------------------------------------------------------------|----------------------------------|
| <b>UW Course Title</b>                                                   |                                  |
| <b>Animal and Veterinary Science</b>                                     |                                  |
| ANSC 3010 - Comparative Anatomy and Physiology of Domestic Animals (4cr) |                                  |
| ANSC 3100 - Principles of Animal Nutrition (3cr)                         |                                  |
| ANSC 4120 - Principles of Mammalian Reproduction (4cr)                   |                                  |
| ANSC 4630 - Topics and Issues in Animal Science (3cr) (C3)               |                                  |
| <b>OR</b>                                                                |                                  |
| PATB/MICR 4130 - Mammalian Pathobiology (3cr) (C3)                       |                                  |
| PATB 4110 - Diseases of Food Animals (3cr)                               |                                  |
| <b>Animal Biosciences Concentration</b>                                  |                                  |
| ANSC 4540 - Principles of Animal Breeding (3cr)                          |                                  |
| FDSC 3060 - Principles of Meat Science and Muscle Biology (3cr)          |                                  |
| PATB 4300 - Microscopic Anatomy (3cr)                                    |                                  |
| ANSC 4220 - Advanced Beef Production and Management (3cr)                | Choose any 1 from the following: |
| <b>OR</b>                                                                |                                  |
| ANSC 4230 - Advanced Sheep Production & Management (3cr)                 |                                  |
| <b>OR</b>                                                                |                                  |
| ANSC 4250 - Advanced Equine Production and Management (3cr)              |                                  |
| <b>Supporting Agriculture/Math/Science</b>                               |                                  |
| LIFE 3050 - Genetics (4cr)                                               |                                  |
| MOLB 3610 - Principles of Biochemistry (4cr)                             |                                  |
| ZOO 3600 - Principles of Animal Behavior (3cr)                           |                                  |

**COURSE SUBSTITUTIONS:** Block articulations are intended to reflect direct published equivalencies between institutions. UW academic departments occasionally arrange for course substitutions when indirect equivalencies exist. Please contact your UW Academic Advisor for details.

**EFFECTIVE DATE:** This document is in effect as of the 2025-2026 catalog year; it reflects the published UW curriculum as of that date. Any changes to the UW curriculum or the WYCC course equivalents will require this document to be updated. To request an updated document, faculty should contact [transfer@uwyo.edu](mailto:transfer@uwyo.edu) via email.