

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. (Pre-Veterinary Medicine 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. (Pre-Veterinary Medicine 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.

Students may create a [WyoTransfer](#) account now to see how all completed coursework fulfills specific degree requirements.

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 1450
PN	Physical and Natural World (1) (3cr)	LIFE 1010
PN	Physical and Natural World (2) (3cr)	LIFE 2022
H	Human Culture (1) (3cr)	ANSC 1010
H	Human Culture (2) (3cr)	ANSC 1020
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. (Pre-Veterinary Medicine Concentration)

This concentration is designed to prepare students for application to Colleges of Veterinary Medicine, graduate school, or other pre-professional opportunities. Emphasis is placed on biology/pathobiology, chemistry/physical, and biomedical sciences.

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 Community College	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College District	Northwest College	Western Wyoming Community College
Animal and Veterinary Sciences							
ANSC 1010 - Introduction to Animal Science (4cr)	ANSC 1010	ANSC 1010	ANSC 1010	ANSC 1010	ANSC 1010	ANSC 1010	
Supporting Math/Science							
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
Pre-Veterinary Medicine Concentration Required Courses							
MICR/MOLB 2021 - General Microbiology (4cr)	MOLB 2210	MOLB 2210	MOLB 2210		MOLB 2210	MOLB 2210	MOLB 2210
MICR/PATB 2220 - Pathogenic Microbiology (4cr)	MOLB 2220						
Pre-Veterinary Medicine Concentration- Supporting Math/Science/CHEM Required Courses							
CHEM 1020 - General Chemistry I (4cr) (PN)	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 2420 - Organic Chemistry I (4cr)	CHEM 2420	CHEM 2420	CHEM 2420	CHEM 2420	CHEM 2420	CHEM 2420	CHEM 2420
CHEM 2440 - Organic Chemistry II (4cr)	CHEM 2440	CHEM 2440	CHEM 2440	CHEM 2440	CHEM 2440	CHEM 2440	CHEM 2440
MATH 1405 - Trigonometry (3cr) (Q)	MATH 1405	MATH 1405	MATH 1405	MATH 1405	MATH 1405	MATH 1405	MATH 1405
PHYS 1110 - General Physics I (4cr) (PN)	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110
PHYS 1120 - General Physics II (4cr) (PN)	PHYS 1120	PHYS 1120	PHYS 1120	PHYS 1120	PHYS 1120	PHYS 1120	PHYS 1120

BLOCK 3: Upper Division Requirements							
UW Courses	Casper Community College	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College District	Northwest College	Western Wyoming Community College
Animal and Veterinary Sciences							
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) OR MICR/PATB 4130 - Mammalian Pathobiology (3cr) (C3)							
PATB 4110 - Diseases of Food Animals (3cr)							
Pre-Veterinary Medicine Concentration							
MOLB 3610 - Principles of Biochemistry (4cr)							
Pathobiology: Minimum of 6 Credits from the following							
PATB 3400 - Host Defenses Against Infect. (3cr)							
PATB 4300 - Microscopic Anatomy (3cr)							
PATB 4500 - Veterinary Parasitology (4cr)							
PATB/MICR 4710 - Medical Virology (3cr)							
Animal Science: Minimum of 3 Credits from the following:							
ANSC 3150 - Equine Nutrition and Physiology (3cr) (ASG)		ANSC 3150					
ANSC 4050 - Animal Growth and Development (3cr)							
ANSC 4132 - Equine Reproduction (2cr)							
ANSC 4260 - Mammalian Endocrinology (3cr)							
ANSC 4540 - Principles of Animal Breeding (3cr)							
FDSC 3060 - Principles of Meat Science and Muscle Biology (3cr)							

BLOCK 3: Upper Division Requirements continued							
UW Courses	Casper Community College	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College District	Northwest College	Western Wyoming Community College
Supporting Math/Science/Chem							
LIFE 3050 - Genetics (4cr)							
LIFE 3600 - Cell Biology (4cr) OR MOLB 4670 - Advanced Molecular Cell Biology (3cr)							
STAT 4015 - Regression Analysis (3cr) OR STAT 4025 - Design and Analysis of Experiments I (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 via email.