Cowboy Credit: Animal & Veterinary Sciences Pathway
2026-2027 University of Wyoming & Casper College

Cowboy Credit is a planning tool that helps students identify coursework that may align with a UW academic pathway before transferring to the University of Wyoming.

START YOUR PATH

Planning for Animal & Veterinary Sciences pathway at UW?

Start with these commonly transferable courses to build a strong foundation in animal science, biological sciences, and animal production systems.

Animal & Veterinary Sciences Foundations

- Animal Science
- Biology
- Chemistry

Quantitative & Scientific Foundations

- General Biology
- College Algebra
- Statistics

Strong performance in science coursework is recommended for students considering veterinary medicine, graduate study, animal health, or other science-focused pathways.

General Education

Additional course to stay on track:

- English Composition
- Public Speaking

Animal & Veterinary Sciences Focus Areas

Students interested in Animal & Veterinary Sciences often pursue coursework aligned with one or more of the following areas:

Pre-Veterinary Medicine & Animal Biosciences

Students interested in veterinary medicine, biomedical sciences, animal health, or graduate study may benefit from additional laboratory science coursework.

Equine Science

Students interested in careers related to horse production, management, breeding, and the equine industry may benefit from coursework focused on animal management and applied science.

Food Animal Industries

Students interested in livestock production, agricultural business, and food animal industries may benefit from coursework emphasizing production systems and management.

Pathway Flexibility

Many courses in this pathway may apply toward multiple Animal & Veterinary Sciences focus areas, including Pre-Veterinary Medicine, Animal Biosciences, Equine Science, and Food Animal Industries. Course expectations and science requirements may vary by focus area.

Every student's path is unique. You don't need to complete all of these courses before transferring—this guide helps you start building a strong foundation, and our team will work with you to make the most of your previous coursework, including AP, IB, CLEP, dual enrollment, and transfer credit.

THE WORLD NEEDS MORE COWBOYS.

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Animal & Veterinary Sciences Foundations	**UW Credits**	**Casper College**
ANSC 1010 Introduction to Animal Science	4	ANSC 1010
Quantitative & Scientific Foundations	**UW Credits**	**Casper College**
LIFE 1010 General Biology (PN)	4	BIOL 1010
MATH 1400 College Algebra (Q)	3	MATH 1400
STAT 2050 Fundamentals of Statistics (Q)	4	STAT 2050
General Education	**UW Credits**	**Casper College**
ENGL 1010 College Composition and Rhetoric (C1)	3	ENGL 1010
COMM 2010 Public Speaking (C2)	3	COMM 2010
Pre-Veterinary Medicine & Animal Biosciences Focus Area	**UW Credits**	**Casper College**
CHEM 1020 General Chemistry I	4	CHEM 1020
CHEM 1030 General Chemistry II (PN)	4	CHEM 1030
MICR 2021 General Microbiology	4	MOLB 2210
Equine Science Focus Area	**UW Credits**	**Casper College**
ANSC 1030 Equine Management	4	ANSC 1030
ANSC 2020 Feeds & Feeding	4	ANSC 2020
Food Animal Industries Focus Area	**UW Credits**	**Casper College**
AGEC/ECON 1020 Principles of Microeconomics (H)	3	AGEC/ECON 1020
CHEM 1000 Introductory Chemistry (PN)	4	CHEM 1000
ANSC 2020 Feeds & Feeding	4	ANSC 2020
AGEC 2020 Farm and Ranch Business Management	4	AGEC 2020

Cowboy Credit is a planning tool designed to support transfer and pathway exploration. Final course equivalencies are determined after admission and receipt of official transcripts.

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