

2025-2026 Block Transfer Map: Qualifying Transfer Associate Degree from a Wyoming Community College to the University of Wyoming Wildlife and Fisheries Biology and Management, B.S.

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 in Wildlife and Fisheries Biology and Management 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)	ZOO 2450
C3	Communication 3 (3cr)	ZOO 4100 AND ZOO 4101
Q	Quantitative Reasoning (3cr)	MATH 1400
PN	Physical and Natural World 1 (3cr)	CHEM 1020
PN	Physical and Natural World 2 (3cr)	CHEM 1030
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

Articulation Wildlife and Fisheries Biology and Management, B.S.

Provides a solid foundation in the theory and techniques involved in the management, conservation, and captive propagation of wildlife and fish populations. Includes both classroom and field experiences in a Rocky Mountain setting.

BLOCK 2: Department of Zoology and Physiology Requirements - Global Awareness and Diversity

D	Diversity (3cr) This BS in Wildlife and Fisheries Biology and Management requires the A&S College Core
G	Global (3cr) This BS in Wildlife and Fisheries Biology and Management requires the A&S College Core

BLOCK 3: Lower Division Requirements**University of Wyoming Requirements:**

- Total minimum credits required (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.
- Minimum Cumulative GPA is 2.00.
- The UW Office of the Registrar provides final approval of degree completion requirements prior to the awarding of any degree.

UW Courses	Casper College	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College District	Northwest College Wyoming	Western Wyoming Community College
Foundation Courses							
MATH 1400 – College Algebra (3cr) (Q)	MATH 1400	MATH 1400	MATH 1400	MATH 1400	MATH 1400	MATH 1400	MATH 1400
MATH 1405 – Trigonometry (3cr) (Q)	MATH 1405	MATH 1405	MATH 1405	MATH 1405	MATH 1405	MATH 1405	MATH 1405
MATH 2200 – Calculus I (4cr) (Q)	MATH 2200	MATH 2200	MATH 2200	MATH 2200	MATH 2200	MATH 2200	MATH 2200
STAT 2050 – Fundamentals of Statistics (4cr) (Q)	STAT 2050 OR STAT 2070	STAT 2050 OR STAT 2070	STAT 2050 OR STAT 2070	STAT 2050	STAT 2050 OR STAT 2070	STAT 2050 OR STAT 2070	STAT 2050 OR STAT 2070
OR STAT/SOC 2070 – Introductory Statistics for Social Sciences (4cr) (Q)							
OR LIFE 2100 – Intro Research and Analysis (4cr) (Q)							
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
GEOL 1100 – Physical Geology (4cr) (PN)	GEOL 1100 OR PHYS 1110 OR SOIL 2010	GEOL 1100 OR PHYS 1110 OR SOIL 2010	GEOL 1100 OR PHYS 1110 OR SOIL 2010	GEOL 1100 OR PHYS 1110 OR SOIL 2010	GEOL 1100 OR PHYS 1110 OR SOIL 2010	GEOL 1100 OR PHYS 1110 OR SOIL 2010	GEOL 1100 OR PHYS 1110
OR PHYS 1110 – General Physics I (4cr) (PN)							
OR SOIL 2010 – Introduction to Soil Science (4cr)							
LIFE 1010 – General Biology (4cr) (PN)	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

BLOCK 4: Upper Division Requirements

UW Courses	Casper College	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College District	Northwest College Wyoming	Western Wyoming Community College
Core Required Course							
LIFE 3050 – Genetics (4cr)							
LIFE 3400 – General Ecology (3cr)	BIOL 2400		BIOL 2400		BIOL 2400	BIOL 2400	BIOL 2400
<i>Note that LIFE 2400, meets the course requirement, however, will not satisfy an upper division requirement.</i>							
LIFE 3410 – Introduction to Field Ecology (2cr)	BIOL 2410		BIOL 2410		BIOL 2410	BIOL 2410	BIOL 2410
<i>Note that LIFE 2410, meets the course requirement, however, will not satisfy an upper division requirement.</i>							
ZOO/ENR 2450 – Fish and Wildlife Management in the Anthropocene (4cr) (C2)	ZOO 2450 OR ENR 2450		ZOO 2450	ZOO 2450	ZOO 2450	ZOO 2450	BIOL 2450
ZOO 4190 – Comparative Environmental Physiology (3cr)							
ZOO 4400 – Population Ecology (3cr)							
ZOO 4970 – Internship in Wildlife Management (1cr)							
ZOO 4100 – Scientific Communication (2cr) (C3) AND ZOO 4101 – Scientific Communication Lab (1cr) (C3) OR ZOO 4200 – Applied Principles of Science Communication (3cr) (C3)	or approved USP C3 substitute						

BLOCK 5: Data Science Course

Choose ONE course from the following:							
COSC 1010 – Computational Thinking and Programming (3cr)	COSC 1010	COSC 1010	COSC 1010	COSC 1010	COSC 1010	COSC 1010	COSC 1010
COSC 1015 – Introduction to Programming for Data Science (3cr) (Q)							
COSC 1100 – Computer Science Principles and Practice (3cr)							COSC 1100
COSC 1200 – Computer Information Systems (3cr)	CMAP 1200	CMAP 1200	CMAP 1200	CMAP 1200		CMAP 1200	CMAP 1200
GIST 1200 – Geospatial Foundations (3cr)		GIST 1200					
GIST 2140 – Survey of Remote Sensing Applications (3cr) (PN)		GIST 2140					
GIST 2190 – Introduction to Programming in Geospatial Information Science and Technology (3cr)	GIST 2190	GIST 2190					
GIST 2200 – Spatial Data Visualization (3cr)			GIST 2200				
GIST 2310 – Intro to Geographic Information Systems (4cr)		GIST 2310		GIST 2310	GIST 2310	GIST 2310	GIST 2310
GIST 3140 – Introduction to Remote Sensing (3cr)							
GIST 4211 – Advanced Remote Sensing (3cr)							
ZOO 4530 – R Introduction for Wildlife Ecology (Max 3cr)							

BLOCK 6: Options: Complete Terrestrial or Aquatic Option

UW Courses	Casper College	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College District	Northwest College Wyoming	Western Wyoming Community College
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Aquatic Option Required Courses

A minimum of 10 of the AQUATIC OPTION requirements listed below must be exclusive to the WFBM major.

ZOO 4330 – Ichthyology (3cr)
ZOO 4440 – Limnology (3cr)
ZOO 4430 – Limnology Laboratory (2cr)

Aquatic Option Restricted Electives: 15 credits from the following list

ZOO 3600 – Principles of Animal Behavior (3cr)
ZOO/BOT 4235 – Marine Biology (3cr)
ZOO 4300 – Wildlife Ecology and Management (5cr)
ZOO 4310 – Fisheries Management (3cr)
ZOO 4350 – Ornithology (3cr)
ZOO 4370 – Mammalogy (3cr)
ZOO 4380 – Herpetology (3cr)
ZOO 4415 – Behavioral Ecology (3cr)
ZOO/BOT/ENR 4420 – Conservation Biology (3cr)
ZOO 4540 – Invertebrate Zoology (4cr)
ZOO 4740 – Fish Culture and Nutrition (3cr)
AGEC/ENR 3750 – Natural Resource Planning and Economics (3cr)
ENR/SOC 3950 – Environmental Sociology (3cr)
CHEM 2230 – Quantitative Analysis (5cr)
LIFE 2023 – Biology of Plants and Fungi (4cr)

CHEM 2230	CHEM 2230					CHEM 2230	CHEM 2230
BIOL 2023				BIOL 2023	BIOL 2023	BIOL 2023	BIOL 2023

Additionally, electives from the following prefixes at any level:
BOT, ENR, REWM

BLOCK 6: Options: Complete Terrestrial or Aquatic Option continued

UW Courses	Casper College	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College District	Northwest College Wyoming	Western Wyoming Community College
Terrestrial Option Required Courses							
A minimum of 10 of the TERRESTRIAL OPTION requirements listed must be exclusive to the WFBM major.							
BOT 4700 – Vegetation Ecology (4cr)							
ZOO 4300 – Wildlife Ecology and Management (5cr)							
Terrestrial Option Restricted Electives: 14 credits of Electives from the following lists:							
ZOO 3600 – Principles of Animal Behavior (3cr)							
ZOO 4195 – Comparative Environmental Physiology Lab (max 2cr)							
ZOO/BOT 4235 – Marine Biology (3cr)							
ZOO 4310 – Fisheries Management (3cr)							
ZOO 4330 – Ichthyology (3cr)							
ZOO 4350 – Ornithology (3cr)							
ZOO 4370 – Mammalogy (3cr)							
ZOO 4380 – Herpetology (3cr)							
ZOO 4415 – Behavioral Ecology (3cr)							
BOT/ENR/ZOO 4420 – Conservation Biology (3cr)							
ZOO 4430 – Limnology Laboratory (2cr)							
ZOO 4440 – Limnology (3cr)							
ZOO 4540 – Invertebrate Zoology (4cr)							
ZOO 4740 – Fish Culture and Nutrition (3cr)							
AGEC/ENR 3750 – Natural Resource Planning and Economics (3cr)							
CHEM 2230 – Quantitative Analysis (5cr)	CHEM 2230	CHEM 2230				CHEM 2230	CHEM 2230
LIFE 2023 – Biology of Plants and Fungi (4cr)	BIOL 2023			BIOL 2023	BIOL 2023	BIOL 2023	BIOL 2023
SOC/ENR 3950 – Environmental Sociology (3cr)							
Additionally, electives from the following prefixes at any level: BOT, ENR, REWM							

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.