Catalog: 2026-2027 University of Wyoming Catalog
Program: Ranch Management & Agricultural Leadership, B.S.

Express Transfer Agreement (ETA) with Sheridan College

Sheridan College Rangeland Management, A.S. Requirements:

First Year at Sheridan College: Fall Semester – 16 Credits

Course Name	Credits	UW Notes
AGEC 1020 Microeconomics	3	H
BIOL 1010 General Biology I	4	PN
ENGL 1010 - English Composition I with a C or better	3	C1
MATH 1400 College Algebra	4	Q
REWM 1005 Survey of Natural Resource Management	2	

First Year at Sheridan College: Spring Semester – 15 Credits

Course Name	Credits	UW Notes
BIOL 2020 – General Biology OR BIOL 2022 Animal Biology OR BIOL 2023 Biology of Plants and Fungi	4	BIOL 2022 or BIOL 2023 will satisfy UW degree requirements. BIOL 2020 is not required at UW.
CNST 0000 – US & WY Constitutions	3	V
COMM 2010 – Public Speaking	3	C2
REWM 2000 Principles of Rangeland Management	3	
PEL 0000 – Program Electives (2 credits)	2	

Summer Semester at Sheridan College: Spring Semester – 1 Credits

Course Name	Credits	UW Notes
REWM 2350 – Range and Pasture Monitoring	1	

Second Year at Sheridan College: Fall Semester – 15 Credits

Course Name	Credits	UW Notes
BIOL 2400 – General Ecology	3	
BIOL 2410 – Intro to Field Ecology	2	
CS 0001 – Cultural Studies other than Social & Behavioral Sciences	3	
REWM 2410 – Rangeland Ecosystems Note 1	2	
REWM 2390 – Capstone of Rangeland Ecosystems	1-4	
SOIL 2010 Intro to Soil Science	4	

Second Year at Sheridan College: Spring Semester – 13 Credits

Course Name	Credits	UW Notes
CHEM 1000 Intro to Chemistry OR CHEM 1020 General Chemistry	4	PN
PEL 0000 - Program Electives	3	
REWM 2420 – Range Plant Taxonomy Note 1	2	
STAT 2050 - Fundamentals of Statistics OR STAT 2070 – Intro to Statistics	4	Q

Total Degree Credit Hours: 60

Note 1: REWM 2420 – Range Plant Taxonomy will be awarded for both REWM 2410 and REWM 2420

Sheridan College Rangeland Management, A.S. Requirements: continued

Program Electives – 5 Credits

Course Name	Credits	UW Notes
AECL 0000 – Any course from the AECL department		
AGEC 0000 – Any course from the AGEC department		
AGRI 0000 – Any course from the AGRI department		
ANSC 0000 – Any course from the ANSC department		
BIOL 0000 – Any course from the BIOL department		
CHEM 0000 – Any course from the CHEM department		
CROP 0000 – Any course from the CROP department		
ES 002 - Any course from the ES department		
HORT 0000 – Any course from the HORT department		
MOLB 0000 – Any course from the MOLB department		
REWM 0000 – Any course from the REWM department		
ZOO 0000 - Any course from the ZOO department		

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Ranch Management & Agricultural Leadership, B.S

The RMAL degree integrates many of the existing courses and faculty expertise of academic departments within the College of Agriculture, Life Sciences and Natural Resources (CALSNR). This program will be administered at the College level with resources and recognition shared among all participating departments. The degree is profoundly interdisciplinary, as the objective is for students to develop a foundational level of competency in animal production, agricultural business operations, forage production, and rangeland and soil management as well as developing critical competencies in leadership, communications, human resources management, and technology.

Degree Requirements

This degree requires 123 credits, 42 of which are upper-division credits.

University Studies Program

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.

Course Name	Credits	UW Course in Major	AA/AS/AB/ADN satisfies this USP
C 1-Communication 1 (COM1)	3		X
C 2-Communication 2 (COM2)	3		X
C 3-Communication 3 (COM3)	3	(Must be completed at UW)	
Q-Quantitative Reasoning (Q)	3		X
PN-Physical and Natural World (1) (PN)	3		X
PN-Physical and Natural World (2) (PN)	3		X
H-Human Culture (1) (H)	3		X
H-Human Culture (2) (H)	3		X
V-US & WY Constitution (V)	3		X
FYS or USP Elective-Any 3-credit hour of FYS or 3-credit hours of USP electives	3		X

Note: FYS courses have been paused. 3 hours from any additional USP designated courses is still required.

Communication 2

Course Name	Credits	Sheridan College	Sequencing
ERS 3000 - Energy Project Outreach and Communications C2 OR ZOO 2450 - Fish and Wildlife Management in the Anthropocene C2 OR COMM 2010 - Public Speaking C2	3	COMM 2010 Public Speaking	Spring 1st Year

Communication 3

Course Name	Credits	
RMAL 4760 - Organizational Leadership in Agriculture C3	3	UW Course

Quantitative Reasoning

Course Name	Credits	Sheridan College	Sequencing
MATH 1400 - College Algebra Q	3	MATH 1400 College Algebra	Fall 1st Year

Physical & Natural World (1)

Course Name	Credits	Sheridan College	Sequencing
LIFE 1010 - General Biology PN	4	BIOL 1010 General Biology I	Fall 1st Year

Physical & Natural World (2)

Course Name	Credits	Sheridan College	Sequencing
CHEM 1000 - Introductory Chemistry PN	4	CHEM 1000 Intro to Chemistry	Spring 2nd Year

Human Culture (2)

Course Name	Credits	Sheridan College	Sequencing
COMM 1040 Intro to Communication Theory (Recommended) But you could take AGEC/ECON 1010 Principles of Macroeconomics H	3	AGEC/ECON 1010 Macroeconomics	
AGEC/ECON 1020 - Principles of Microeconomics H	3	AGEC/ECON 1020 Microeconomics	Fall 1st Year

Ranch Management & Agricultural Leadership

Course Name	Credits	
RMAL 3020 - Public Policy and Regulatory Considerations for Ranch & Rangeland Mgmt OR AGEC 3400 - Agricultural Law	3	UW Course
RMAL 1010 - Introduction to Ranch Management & Agricultural Leadership	4	UW Course
RMAL 2040 - Quantitative Tools for Managing Agricultural Resources	3	UW Course
RMAL 3000 - Beginning Ranch & Rangeland Problem Solving and Planning	3	UW Course
RMAL 4000 - Advanced Ranch and Rangeland Problem Solving and Planning	3	UW Course
RMAL 4700 - Elements of Leadership	3	UW Course
RMAL 4800 - Practices in Advanced Leadership and Personal Effectiveness	3	UW Course
RMAL 4970 - Agriculture Related Operations Internship	1-2	UW Course
RMAL 4971 - Agency or NGO Internship	1-2	UW Course
RMAL 4972 - Ranch Management Internship	1-2	UW Course
RMAL 4990 - Topics: Ranching in the West /RMAL 5990 Required 4 times	1-3	UW Course

Agricultural Business

Variable credit hours are dependent upon the elective hours the student chooses to take.

Course Name	Credits	Sheridan College	Sequencing
AGEC 2020 - Farm and Ranch Business Management OR AGEC 4700 - Economics of Range Resources	3-4	AGEC 2020 Farm and Ranch Business Management	Possible PEL elective

Course Name	Credits	
AGEC 4830 - Agricultural Commodities and Futures Markets OR AGEC 4050 - Agribusiness Marketing OR AGEC 4060 - Agribusiness Management	3	UW Course
AGEC 4640 - Advanced Farm/Ranch Management OR AGEC 3030 - Applied Economic Decisions	3	UW Course
AGEC 4500 - Agricultural Finance	3	UW Course

Animal Production

Course Name	Credits	Sheridan College	Sequencing
LIFE 2022 - Animal Biology	4	BIOL 2022 Animal Biology	Spring 2nd Year

Course Name	Credits	
ANSC 2010 - Domestic Animal Metabolism	3	UW Course
ANSC 3010 - Domestic Animal Systems Physiology	4	UW Course
ANSC 3100 - Principles of Animal Nutrition	3	UW Course
ANSC 4120 - Principles of Mammalian Reproduction	4	UW Course
ANSC 4220 - Advanced Beef Production and Management OR ANSC 4230 - Advanced Sheep Production & Management	3	UW Course

Plant Production and Rangeland Management

Course Name	Credits	Sheridan College	Sequencing
SOIL 2010 - Introduction to Soil Science	4	SOIL 2010 Intro to Soil Science	Fall 2nd Year
REWM 2000 - Principles of Rangeland Management	3	REWM 2000 Principles of Rangeland Management	Spring 2nd Year
REWM 2400 - Range Ecosystems and Plants	4	REWM 2410 – Rangeland Ecosystems AND REWM 2420 – Range Plant Taxonomy *REWM 2400 is awarded for both REWM 2410+2420	Fall & Spring 2nd Year

Course Name	Credits	
PLNT 4700 - Forage Crop Science OR PLNT 2200 - Field Crop Production	3	UW Course
PLNT 4070 - Weed Science and Technology OR REWM 4000 - Poisonous Plants and Plant Toxins	3-4	UW Course

Plant Production and Rangeland Management continued

Course Name	Credits	
REWM 4100 - Nutritional Ecological Management of Range Herbivores OR REWM 4750 - Wildlife Habitat Restoration Ecology	3	UW Course
REWM 4330 - Rangeland Ecosystem Assessment and Monitoring Credits: 4 OR REWM 4850 - Rangeland Vegetation Management Techniques Credits: 3	3-4	UW Course

Electives

Course Name	Credits	Sheridan College	Sequencing
MGT/RMAL 2030 - Principle-Based Ethics	3	BADM 2030 Business Ethics OR MGT 3110 Business Ethics **Students cannot receive credit for both courses*	
LEAD/RMAL 3110 - Foundations for Leadership	3	MGT 3005 Foundations of Leadership	

Course Name	Credits	
ORTM/RMAL 1300 - Intro to Agritourism	3	UW Course

Notes:

COURSE SUBSTITUTIONS: WyoTAGs reflect published equivalencies. 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 2026-2027 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.