Cowboy Credit: Energy Pathway
2026-2027 University of Wyoming & Arapahoe Community 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 a degree in Energy Resource Management and Development at UW?
Start with these commonly transferable courses to stay on track across UW's School of Energy Resources majors.

Core Courses
Take these courses before you transfer:

- Financial Accounting
- Managerial Accounting (Professional Land Management requires)
- Microeconomics
- Introduction to Energy / Energy & Society
- Physical Geology
- Legal Environment of Business
- Supply Chain Management

These courses reflect the interdisciplinary core of UW's energy programs, including earth systems, economics, and energy development.

Quantitative Foundations
Build your math and data skills early:

- College Algebra (College Algebra or higher is required as a prerequisite for Math & Statistics core)
- Calculus I
- Statistics

These courses are critical preparation for upper-division coursework in energy and resource fields.

STEM & Applied Foundations
Build your STEM foundation:

- Intro to Chemistry or Intro to Biology
- GIS
- Energy courses

The Quantitative and STEM Foundations courses are especially important for success in energy programs.

General Education
Additional courses to stay on track:

- English Composition
- Communication (Public Speaking recommended)
- Humanities / Social Sciences

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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Business Foundations Coursework	UW Credits	Arapahoe Community College
ACCT 2010 Principles of Accounting I	3	ACC 1021 Accounting Principles I
ACCT 2020 Principles of Accounting II	3	ACC 1022 Accounting Principles II
AGEC/ECON 1020 Principles of Microeconomics (H)	3	ECO 2002 Principles of Microeconomics
ENR 1000 Energy and Society (PN)	3	*No direct equivalent (students will take this at UW)*
GEOL 1100 Physical Geology (PN)	4	GEY 1111 Physical Geology with Lab
MGT 2010 Legal Environment of Business	3	BUS 2016 Legal Environment of Business
DSCI 2100 Introduction to Operations and Supply Chain Management	3	*No direct equivalent (students will take this at UW)*

Quantitative & STEM Foundations	UW Credits	Arapahoe Community College
MATH 1405 Trigonometry (Q)	3	MAT 1420 College Trigonometry
MATH 2200 Calculus I (Q)	4	MAT 2410 Calculus I
STAT 2050 Fundamentals of Statistics (Q)	4	MAT 1260 Introduction to Statistics
GIST 2310 Intro to Geographic Information Systems	4	GIS 1001 Introduction to GIS
CHEM 1000 Introductory Chemistry (PN)	4	CHE 1011 Intro Chemistry I with Lab

General Education	UW Credits	Arapahoe Community College
ENGL 1010 College Composition and Rhetoric (C1)	3	ENG 1021 English Composition I
COMM 2010 Public Speaking (C2)	3	COM 1150 Public Speaking

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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