

2025-2026 Block Transfer Map: Qualifying Transfer Associate Degree from a Wyoming Community College to the University of Wyoming

Secondary Science - Earth Science Education with Concurrent Major in Geology (GSSE), B.A.

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 Secondary Science – Earth Science Education with Concurrent Major in Geology (GSSE) 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)	GEOL 4820
Q	Quantitative Reasoning (3cr)	STAT 2050
PN	Physical and Natural World 1 (3cr)	LIFE 1010
PN	Physical and Natural World 2 (3cr)	CHEM 1020
H	Human Culture 1 (3cr)	EDST 2450
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 Secondary Science - Earth Science Education with Concurrent Major in Geology (GSSE), B.A.

This degree program leads to initial teaching licensure (leading to teaching certification).

BLOCK 2: 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.

Professional Education Requirements

- All major courses must be passed with a grade of C or better.
- A minimum UW cumulative GPA of 2.75 is required for most junior and senior level professional education courses, including EDSE 4500 Residency in Teaching.
- A minimum GPA of 2.50 in major content courses is required.
- An initial background check must be completed prior to starting any field or practicum experience. Student fees cover the cost of this initial background check so work with your College of Education advisor for details.
- All Professional Education requirements must be completed with a grade of C or higher

UW Courses	Casper College	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College District	Northwest Wyoming	Western Wyoming Community College
Professional Education Requirements							
Foundations							
EDST 2450 Foundations of Development and Learning (3cr) (H)	EDFD 2100 + PSYC 2300	EDFD 2100 + EDFD 2450	EDFD 2100 + EDFD 2450	EDST 2450	EDFD 2100 + PSYC 2300	EDST 2450	EDFD 2100
ITEC 2360 - Teaching with Technology (3cr)	ITEC 2360	ITEC 2360	ITEC 2360	ITEC 2360	ITEC 2360	ITEC 2360	ITEC 2360
<i>Completion of EDST 2450 with a minimum grade of C or better is a prerequisite for the following course:</i>							
EDEX 2484 - Introduction to Special Education (3cr)	EDEX 2484	EDEX 2484	EDEX 2484	EDEX 2484	EDEX 2484	EDEX 2484	EDEX 2484
Practicum							
EDST 1200- Practicum I (1cr)	EDUC 2100	EDUC 2100	EDUC 2100	EDUC 2100	EDUC 2100	EDUC 2100	EDUC 2100
EDST 2200- Practicum 2 (1cr)							
Assessment							
EDST 2250 - Educational Assessment (3cr)	EDST 2250	EDST 2250		EDST 2250			EDST 2250
Required Geology Courses							
GEOL 1100 - Physical Geology (4cr) (PN) OR ENR/GEOL 1330 - Water, Dirt, and Earth's Environment (4cr) (PN)	GEOL 1100 OR ENR 1330 OR GEOL 1330	GEOL 1100	GEOL 1100	GEOL 1100	GEOL 1100	GEOL 1100	GEOL 1100
ESS/GEOL 2000 - Geochemical Cycles and the Earth System (4cr)	GEOL 2000					GEOL 2000	
GEOL 2010 - Mineralogy (4cr)	GEOL 2010						GEOL 2010
GEOL 2020 - Introduction to Petrology (2cr)	GEOL 2020						GEOL 2020
GEOL 2100 - Stratigraphy and Sedimentation (4cr)	GEOL 2100						

BLOCK 2: Lower Division Course Requirements 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
Required Additional Hours							
LIFE 1010 - General Biology (4cr) (PN)	BIOL 1010	BIOL 1010	BIOL 1010	BIOL 1010	BIOL 1010	BIOL 1010	BIOL 1010
CHEM 1020 - General Chemistry I (4cr) (PN)	CHEM 1020	CHEM 1020	CHEM 1020	CHEM 1020	CHEM 1020	CHEM 1020	CHEM 1020
PHYS 1110 - General Physics I (4cr) (PN)	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110
STAT 2050 - Fundamentals of Statistics (4cr) (Q)	STAT 2050	STAT 2050	STAT 2050	STAT 2050	STAT 2050	STAT 2050	STAT 2050
MATH 1405 - Trigonometry (3cr) (Q) OR MATH 1450 - Algebra and Trigonometry (5cr) (Q)	MATH 1405 OR MATH 1450	MATH 1405 OR MATH 1450	MATH 1405	MATH 1405	MATH 1405 OR MATH 1450	MATH 1405 OR MATH 1450	MATH 1405 OR MATH 1450
ASTR 1050 - Survey of Astronomy (4cr) (PN)	ASTR 1050	ASTR 1050			ASTR 1050	ASTR 1050	

BLOCK 3: 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
Professional Education Requirements							
Foundations							
EDST 3100 - Teacher as Practitioner (3cr) (C2)	<ul style="list-style-type: none"> A minimum 2.75 UW cumulative GPA is required for registration in EDST 3100 and EDST 3101. A copy of your valid Wyoming Substitute Teaching Permit must be on file with the College of Education Student Success Center no later than the first day of class. 						
EDST 3480 - Diversity & the Politics of Schooling (3cr) (H)							
Practicum							
EDST 3101 - Practicum 3 (2cr) (C2)							
Methods							
EDSE 3275 - Subject Matter Specific Methods I: Secondary Science Education (3-6cr) (3cr required)							
EDSE 4275 - Subject Matter Specific Methods II: Secondary Science Education (3-6cr) (4cr required) (C3)							

BLOCK 3: Upper Division Requirements 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
Residency							
<i>Prerequisite: 2.750 cumulative GPA, 2.500 GPA in major content courses, completion of all content</i>							
EDSE 4500 - Residency in Teaching (1-16cr) (12cr Required)							
EDSE 4550 - Residency Applications and Synthesis (3cr)	<i>Prerequisite: Requires an active Student Teaching placement and a grade of "C" or better in EDSE 42XX (secondary content-appropriate methods course) Corequisite: EDSE 4500</i>						
Required Geology Courses							
GEOL 4820 - Capstone (3cr) (C3)	(Spring only course, MUST have 26 GEOL cr completed before enrolling)						
GEOL 2080 - General Field Geology (3cr)	GEOL 2080						GEOL 2080
OR GEOL 4717 - Field Course in Geology (1-8cr)							
GEOL 2080 fulfills the course requirement but does not fulfil the Upper division requirement.							

BLOCK 4: Elective Courses

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
Choose 6 courses from the following recommended list to obtain the minimum required hours.							
ATSC 2000 - Introduction to Meteorology (4cr) (PN)	ATSC 2000	ATSC 2000					
GEOL 2050 - Principles of Paleontology (4cr)	GEOL 2050						GEOL 2050
GEOL 2070 - Introduction to Oceanography (4cr)	GEOL 2070						
GEOL 3005 - Principles of Geophysics (4cr)							
GEOL3400 - Geologic Hazards: A Historical and Scientific Review (4cr)							
GEOL 3500 - Global Change: A Geological Perspective (4cr) (Highly Recommended)							
GEOL 3600 - Earth and Mineral Resources (4cr) (PN)							
GEOL 3650 - Energy for Society: Addressing the Energy Grand Challenge (4cr) (PN)							
GEOL 4444 - Geohydrology (4cr)							
GEOL 4490 - Geochemistry (4cr)							
GEOL 4610 - Structural Geology and Tectonics (4cr)							
GEOL 4835 - Applied/Exploration Geophysics (3cr)							
ECON 2400 - Economics of the Environment (3cr) (C2) (ASG)	ECON 2400				ECON 2400		
GEOG 3010 - Geomorphology of Earth's Dynamic Landscapes (3cr)							
AMST/ENR/GEOG/POLS/REWM 4051 - Environmental Politics (3cr)							
SOIL 4120 - Genesis, Morphology and Classification of Soils (4cr)							
ECON 4400 - Environmental Economics (3cr)							
ECON 4410 - Natural Resource Economics (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.