

2025-2026 Block Transfer Map: Qualifying Transfer Associate Degree from a Wyoming Community College to the University of Wyoming Secondary Science - Chemistry Education with Concurrent Major in Chemistry (CHSE), 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 - Chemistry Education with Concurrent Major in Chemistry (CHSE) 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)	EDSE 4275
Q	Quantitative Reasoning (3cr)	MATH 2200
PN	Physical and Natural World 1 (3cr)	LIFE 1010
PN	Physical and Natural World 2 (3cr)	CHEM 1020/CHEM 1050
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

Secondary Science - Chemistry Education with Concurrent Major in Chemistry (CHSE), BA

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

BLOCK 2: Lower Division Course 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 College 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	EDST 2450
ITEC 2360 - Teaching with Technology (3cr)	ITEC 2360	ITEC 2360	ITEC 2360	ITEC 2360	ITEC 2360	ITEC 2360	ITEC 2360
Completion of EDST 2450 with a minimum grade of C or better is a prerequisite for the following course:							
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
Chemistry Requirements							
CHEM 1020 - General Chemistry I (4cr) (PN)	CHEM 1020	CHEM 1020	CHEM 1020	CHEM 1020	CHEM 1020	CHEM 1020	CHEM 1020
OR CHEM 1050 - Advanced General Chemistry I (4cr) (PN)							
CHEM 1030 - General Chemistry II (4cr) (PN)	CHEM 1030	CHEM 1030	CHEM 1030	CHEM 1030	CHEM 1030	CHEM 1030	CHEM 1030
OR CHEM 1060 - Advanced General Chemistry II (4cr) (PN)							

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
Chemistry Requirements Continued							
CHEM 2420 - Organic Chemistry I (4cr)	CHEM 2420	CHEM 2420	CHEM 2420	CHEM 2420	CHEM 2420	CHEM 2420	CHEM 2420
CHEM 2440 - Organic Chemistry II (4cr)	CHEM 2440	CHEM 2440	CHEM 2440	CHEM 2440	CHEM 2440	CHEM 2440	CHEM 2440
Additional Required Coursework							
LIFE 1010 - General Biology (4cr) (PN)	BIOL 1010	BIOL 1010	BIOL 1010	BIOL 1010	BIOL 1010	BIOL 1010	BIOL 1010
MATH 2200 - Calculus I (4cr) (Q)	MATH 2200	MATH 2200	MATH 2200	MATH 2200	MATH 2200	MATH 2200	MATH 2200
MATH 2205 - Calculus II (4cr) (Q)	MATH 2205	MATH 2205	MATH 2205	MATH 2205	MATH 2205	MATH 2205	MATH 2205
MICR/MOLB 2021 - General Microbiology (4cr)	MOLB 2210	MOLB 2210	MOLB 2210		MOLB 2210	MOLB 2210	MOLB 2210
PHYS 1110 - General Physics I (4cr) (PN)							
OR PHYS 1210 - Engineering Physics I (4cr) (PN)	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110
PHYS 1120 - General Physics II (4cr) (PN)							
OR PHYS 1220 - Engineering Physics II (4cr) (PN)	PHYS 1120	PHYS 1120	PHYS 1120	PHYS 1120	PHYS 1120	PHYS 1120	PHYS 1120
STAT 2050 - Fundamentals of Statistics (4cr) (Q)	STAT 2050	STAT 2050	STAT 2050	STAT 2050	STAT 2050	STAT 2050	STAT 2050

BLOCK 3: Upper Division Requirements

UW Courses	
Professional Education Requirements	
Foundations	
EDST 3100 - Teacher as Practitioner (3cr) (C2)	- 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)	

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
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)							
Residency							
Prerequisite: 2.750 cumulative GPA, 2.500 GPA in major content courses, completion of all content							
EDSE 4500 - Residency in Teaching (1-16cr) (12cr Required)							
EDSE 4550 - Residency Applications and Synthesis (3cr)	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						
Major Content							
CHEM 2230 - Quantitative Analysis (5cr)	CHEM 2230	CHEM 2230				CHEM 2230	CHEM 2230
OR CHEM 4230 - Instrumental Methods of Chemical Analysis (5cr)							
CHEM 2230 will meet the course requirement but will not meet the upper division requirement							
CHEM 4110 - Introductory Inorganic Chemistry (3cr)							
CHEM 4100 - Inorganic Chemistry Laboratory (2cr)							
CHEM 4507 - Physical Chemistry I (3cr) OR CHEM 3550 - Physical Chemistry for the Life Sciences (3cr)							
Additional Required Coursework							
MOLB 3610 - Principles of Biochemistry (4cr)							
Upper Division Elective Courses: (6cr. Min.)							
3000-level or above-Courses must come from: CHEM, LIFE, or MOLB *Note-CHEM 4230 is highly recommended							

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.