

2025-2026 Block Transfer Map: Qualifying Transfer Associate Degree from a Wyoming Community College to the University of Wyoming Secondary Mathematics Education with Concurrent Major in Mathematics, 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 Mathematics Education with Concurrent Major in Mathematics, B.A 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.

Create a [WyoTransfer](#) account now to see how all of your completed coursework fulfills your 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)	EDST 4271
Q	Quantitative Reasoning (3cr)	MATH 2200
PN	Physical and Natural World 1 (3cr)	Satisfied upon completion of qualifying associate degree
PN	Physical and Natural World 2 (3cr)	Satisfied upon completion of qualifying associate degree
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 Mathematics Education with Concurrent Major in Mathematics, B.A

This degree program leads to initial teaching licensure (leading to teaching certification). Graduates of this program earn a Bachelor's Degree in Mathematics Education and a concurrent major in Mathematics. It prepares students to teach Mathematics in grades 6-12.

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 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 and Learning with Educational 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) + EDST 2200 - Practicum 2 (1cr)	EDUC 2100	EDUC 2100	EDUC 2100	EDUC 2100	EDUC 2100	EDUC 2100	EDUC 2100
Assessment							
EDST 2250 - Educational Assessment (3cr)	EDST 2250	EDST 2250		EDST 2250			EDST 2250

BLOCK 3: Upper Division Professional Education Requirements	
UW Courses	
Foundations	
EDST 3100 - Teacher as Practitioner (3cr) (C2)	• <i>A minimum 2.75 UW cumulative GPA is required for registration in EDST 3100 and EDST 3101.</i> • <i>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.</i>
EDST 3480 - Diversity & the Politics of Schooling (3cr) (H)	
Practicum	
EDST 3101 - Practicum 3 (2cr) (C2)	
Methods	
EDSE 3271 - Subject Matter Specific Methods I: Secondary Mathematics Education (3-6cr) (3 credits required)	
EDSE 4271 - Subject Matter Specific Methods II: Secondary Mathematics Education (3-6cr) (4 credits required) (C3)	
Residency	
EDSE 4500 - Residency in Teaching (1-16cr) (12cr Required)	
EDSE 4500 Prerequisite: <i>2.750 cumulative GPA, 2.500 GPA in major content courses, completion of all content</i>	
EDSE 4550 - Residency Applications and Synthesis (3cr)	Prerequisite: <i>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>

BLOCK 4: Major Content

- It is necessary to complete a minimum of 50 hours of math coursework.
- Work must include 27 credit hours of upper-division mathematics.
- The grade in each course of this 50-hour requirement must be C or better.
- A minimum GPA of 2.5 in major content courses is required.

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
Math							
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
MATH 2210 - Calculus III (4cr)	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210
MATH 2250- Elementary Linear Algebra (3cr)	MATH 2250	MATH 2250	MATH 2250	MATH 2250	MATH 2250	MATH 2250	MATH 2250
MATH 2310 - Applied Differential Equations I (3cr)	MATH 2310	MATH 2310		MATH 2310	MATH 2310	MATH 2310	MATH 2310
MATH 2485 - Mathematics Major Seminar (2cr)		MATH 2485			MATH 2485		
MATH 3500 - Algebra I: Introduction to Rings and Proofs (3cr)							
COSC/MATH 3340 - Introduction to Scientific Computing (3cr)							
MATH 3205 - Analysis I: Elementary Real Analysis (3cr)							
MATH 4000 - History of Mathematics (3cr)							
MATH 4600 - Foundations of Geometry (3cr)							

BLOCK 4: Major Content 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
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Major Related Statistics CoursesTake **ONE** of the Following (STAT 2050 and STAT 2070 are recommended):

STAT 2000 - Statistics and the World (3cr)	STAT 2000	STAT 2000					
STAT 2050 -Fundamentals of Statistics (4cr) (Q)	STAT 2050	STAT 2050	STAT 2050	STAT 2050	STAT 2050	STAT 2050	STAT 2050
STAT/SOC 2070 - Introductory Statistics for the Social Sciences (4cr) (Q)	STAT 2070	STAT 2070	STAT 2070		STAT 2070	STAT 2070	STAT 2070
STAT 3050 - Statistical Methods (3cr)							

Depth & Sequence CoursesTake **ONE** of the Following Selected Pairs

Pair 1 MATH 4200 - Analysis 2: Advanced Analysis (3cr) AND MATH 4205 - Analysis 3: Undergraduate Topics in Analysis (3cr)	
Pair 2 COSC/MATH 4340 - Numerical Methods for Ordinary and Partial Differential Equations (3cr) AND MATH 4440 - Introduction to Partial Differential Equations I (3cr)	
Pair 3 MATH 4510 - Algebra II: Introduction to Group Theory (3cr) AND MATH 4520 - Algebra III: Topics in Abstract Algebra (3cr)	

BLOCK 4: Major Content Continued**Breadth Electives**Take **TWO** of the following Courses

MATH 3310 – Appl Diff Equations II (3cr)	
MATH 3700 – Combinatorics (3cr)	
MATH 4150 – Secondary School on Campus (1-4cr)	
MATH 4230 – Introduction to Complex Analysis (3cr)	
MATH/STAT 4255 – Mathematical Theory of Probability (3cr)	
MATH/STAT 4265 – Introduction to the Theory of Statistics (3cr)	
MATH 4300 – Introduction to Mathematical Modeling (3cr)	
MATH 4440 – Introduction to Partial Differential Equations I (3cr)	
MATH 4500 – Matrix Theory (3cr)	
OR Any 3000 or 4000 mathematics or statistics course allowed as an elective in the mathematics course allowed	

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.