

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

Geospatial Information Science and Technology B.S.

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 with a major in Geospatial Information Science and Technology 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)	Must be taken at UW
Q	Quantitative Reasoning (3cr)	MATH 1400 + MATH 1405 OR MATH 1450
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)	Satisfied upon completion of qualifying associate degree
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

Geospatial Information Science and Technology, B.S.–

The Bachelor of Science degree in Geospatial Information Science and Technology (GIST) provides a quality educational experience that combines proficiency in spatial thinking and geospatial data science analysis with fluency in geographic information systems, remote sensing, and data visualization.

BLOCK 2: Lower Division Requirements

University of Wyoming Requirements:

- Total minimum credit 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.

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
Mathematics Requirement (fulfills USP Q requirement)							
MATH 1400 - College Algebra (3cr) (Q) AND MATH 1405 - Trigonometry (3cr) (Q)	MATH 1400 AND MATH 1405	MATH 1400 AND MATH 1405	MATH 1400 AND MATH 1405	MATH 1400 AND MATH 1405	MATH 1400 AND MATH 1405	MATH 1400 AND MATH 1405	MATH 1400 AND MATH 1405
OR MATH 1450 - Algebra and Trigonometry (5cr) (Q)	MATH 1450	MATH 1450			MATH 1450	MATH 1450	MATH 1450
Statistics Requirement							
STAT 2050 - Fundamentals of Statistics (4cr) (Q) OR STAT/SOC 2070 - Introductory Statistics for the Social Sciences (4cr) (Q)	STAT 2050 OR STAT 2070	STAT 2050 OR STAT 2070	STAT 2050 OR STAT 2070	STAT 2050	STAT 2050 OR STAT 2070	STAT 2050 OR STAT 2070	STAT 2050 OR STAT 2070
Core Requirements							
GIST 1001 - GIST Orientation and Portfolio (1cr)							
GIST 1200 - Geospatial Foundations (3cr)		GIST 1200					
GIST 2110 - Techniques in Cartography (3cr) (C2)		GIST 2110					
GIST 2190 - Introduction to Programming in Geospatial Information Science and Technology (3cr)	GIST 2150	GIST 2190					

BLOCK 2: Lower 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
Core Requirements continued							
GIST 2200 - Spatial Data Visualization (3cr)			GIST 2200				
GIST 2310 - Intro to Geographic Information Systems (4cr)	GIST 1100	GIST 2310		GIST 2310	GIST 2310	GIST 2310	GIST 2310

BLOCK 3: Upper Division Major Requirements

Core Requirements							
GIST 3140 - Introduction to Remote Sensing (3cr) (Q)							
GIST 3050 - Spatial Database Design and Management (3cr)							
GIST 4780 - GIS&T Capstone (3cr)							
Experiential Learning Requirement							
<i>Students must take 6 cr of experiential learning. This requirement can be met by taking 6 cr from one of the listed courses below, or a combination of credits equal to 6 from the listed courses below.</i>							
GIST 4870 Internship in Geospatial Information Science and Technology (1-12cr)							
OR GIST 4950 - Undergraduate Research in Geospatial Information Science and Technology (1-6cr)		GIST 4950					
Discipline Concentration Requirement: 16-24 cr							
<i>GIST is best practiced with a specialized knowledge base outside of GIST. Students must declare a minor in another discipline or create discipline concentration outside of GIST, with approval of their advisor; a second major can also meet this requirement.</i>							

BLOCK 4: GIST Electives

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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GIST Electives

Students must take 30cr of GIST electives; up to 10cr can be from GIST-related courses from other disciplines, with approval from their advisor; at least 18 of the 30 must be upper division (3000 or above).

GIST 2140 - Survey of Remote Sensing Applications (3cr) (PN)		GIST 2140					
GIST/RNEW/PLNT 4130 - Applied Remote Sensing for Agricultural Management (3cr)							
GIST 4211 - Advanced Remote Sensing (3cr)							
GIST 4410 - UAS Sensors and Platforms (1cr)							
GIST 4420 - UAS Mission Planning (1cr)							
GIST 4430 - UAS Regulations and Safety (1cr)							
GIST 4440 - UAS Ground School and Operations (2cr)							
GIST 4450 - UAS Data Acquisition and Processing (3cr)							
GIST 4790 - Special Topics in Geospatial Information Science and Technology (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.