2024-2025 Block Transfer Map: Qualifying Transfer Associate Degree from a Wyoming Community College to the University of Wyoming
Applied Software Development, 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 Applied Software Development 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.

Coursework is not offered at the University of Wyoming; these courses should be taken at a Wyoming Community college.

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)	ENGL 4010 Technical Writing in the Professions (3cr)
Q	Quantitative Reasoning (3cr)	Satisfied upon completion of qualifying associate degree
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

Applied Software Development, B.S.

Combines practical experience and knowledge of modern programming languages, tools, and processes used in the rapidly evolving field of Software Development.

BLOCK 2: Lower Division Requirements

University of Wyoming Requirements:
- Total minimum credits required (including transfer credit) is 127 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.
- Students may not take a course for S/U credit to satisfy any requirement unless the course is offered for S/U credit only. (UW S/U grade policy statement for Spring 2020: covid19-transfer-policy-statement.pdf (uwyo.edu)
- 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
COMP 2000 – Computing and Society (2cr)							
COSC 1010 - Introduction to Computer Science I (3cr)	COSC 1010	COSC 1010	COSC 1010	COSC 1010	COSC 1010	COSC 1010	COSC 1010
COSC 1030 - Computer Science I (4cr)	COSC 1030	COSC 1030	COSC 1030	COSC 1030	COSC 1030	COSC 1030	COSC 1030
COSC 2050 – Intro to SQL (3cr)		COSC 2050			COSC 2050	COSC 2050	COSC 2050
ENGL 1010 - College Composition and Rhetoric (3cr)	ENGL 1010	ENGL 1010	ENGL 1010	ENGL 1010	ENGL 1010	ENGL 1010	ENGL 1010
INET 1650 - Web Programming	INET 1650	INET 1650			INET 1650		
Note that INET 1650 is a CTE course approved to fulfill academic degree requirements for Applied Software Development, B.S. only.							
INET 2010 – Data Driven Sites	INET 2010				INET 2010		
MATH 1400 – College Algebra (3cr)	MATH 1400	MATH 1400	MATH 1400	MATH 1400	MATH 1400	MATH 1400	MATH 1400
STAT 2050 – Fundamentals of Statistics (4cr)	STAT 2050	STAT 2050	STAT 2050	STAT 2050	STAT 2050	STAT 2050	STAT 2050
SDEV 1000 – Software Development Skills I (3cr)		SDEV 1000			SDEV 1000		SDEV 1000
SDEV 1100 - Software Development Skills II (3cr)		SDEV 1100			SDEV 1100		SDEV 1100
SDEV 1200 – Programming Python (3cr)		SDEV 1200			SDEV 1200		SDEV 1200

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
SDEV 2030 – Data Structures (1-4cr)		SDEV 2030			SDEV 2030		SDEV 2030
SDEV 2150 – Agile Project Management (3cr)		SDEV 2150			SDEV 2150		SDEV 2150
SDEV 2200 – Secure Software (3cr)		SDEV 2200			SDEV 2200		SDEV 2200
SDEV 2300 – DevOps (3cr)		SDEV 2300			SDEV 2300		SDEV 2300
SDEV 2395 – Software Development Capstone (3cr)		SDEV 2395			SDEV 2395		SDEV 2395
SDEV XXXX – 2100 Mobile Development **OR** 2250 Web App Client Frameworks (3cr)		SDEV 2100 or SDEV 2250			SDEV 2100 or SDEV 2250		SDEV 2100 or SDEV 2250

Block 3: Upper Division Requirements

UW Course Title	Notes
Required Courses	
ENGL 4010 - Technical Writing in the Professions C3 (3cr)	
COMP 4000 - Practicum I (4r)	
SDEV 3000 - Foundations of Software Systems (3cr)	
SDEV 3011 - Introduction to Software Design (3cr)	
SDEV 3020 - Applied Algorithms (3cr)	
SDEV 3100 - User Design Experience (3cr)	
SDEV 3500 - Performance and Testing (3cr)	
SDEV 3765 - Computer Security (3cr)	
SDEV 4000 - Advanced Programming for Developers (3cr)	
SDEV 4730 - Mobile Application Programming (3cr)	
SDEV 4840 - Software Engineering Environments (4cr)	
Electives	
Choose 4 courses from COMP, COSC GIST or SDEV for a total of 12cr hours, 6 credits must be Upper Division	

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 a UW Academic Advisor for details.

EFFECTIVE DATE: This document is in effect as of the 2023-2024 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.