Associate of Science – Mathematics
Transfer Pathway 2025-2026 Catalog Year
This guide is subject to change and should be used in consultation with an academic advisor.

First Year

Fall Semester		Spring Semester	
MATH 1210 Calculus I (QL)*	4	MATH 1220 Calculus II	4
ENGL 1010 Introduction to College Writing (WC)	3	ENGL 2010 Intermediate College Writing (WC)	3
American Institutions (AI)	3	Program Elective	3
Arts (AR)	3	Humanities (HU)	3
Physical Science (PS)	3	Social Sciences (SS)	3
Total	16	Total	16

Second Year

Fall Semester		Spring Semester	
MATH 2210 Multivariate Calculus	3	MATH 2280 Differential Equations	4
MATH 2270 Linear Algebra	4	PHYS 2220 Physics for Science & Engineering II	4
PHYS 2210 Physics for Science & Engineering I	4	MATH 2200 Introduction to Discrete Mathematics	3
CS 1400 Fundamentals of Programming*	4	CS 1410 Object-Oriented Programming*	4
Total	15	Total	15

*Indicates course specific to U of U transfer

Bachelor of Science – Applied Mathematics
Transfer Pathway 2025-2026 Catalog Year
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Third Year

Fall Semester		Spring Semester	
MATH 3210 Foundations of Analysis I	4	MATH 3220 Foundations of Analysis II	4
BD-DV	3	MATH 3070 or MATH 5010	4
General Elective	4	General Elective	3
General Elective	3	General Elective	4
Total	14	Total	15

Fourth Year

Fall Semester		Spring Semester	
MATH 3160 or MATH 4200	3	MATH Elective	3
MATH 5610 Introduction to Numerical Analysis I	4	MATH Elective	3
BD-CW	3	BD-IR	3
MATH Elective	3	MATH Elective	3
General Elective	3	General Elective	3
Total	16	Total	15