



## Associate of Science - Mathematics

Transfer Pathway 2023-24 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	ENGL 2010 Intermediate Writing (EN)	3
ENGL 1010 Intro to Writing (EN)	3	MATH 1220 Calculus II	4
CSIS 1400 Fundamentals of Programming*	4	Communication (CM)	3
American Institutions (AI)	3	Humanities (HU)	3
Fine Arts (FA)	3	International & Global (IG)	3
		Lifelong Wellness (LW)	1
	Total 17	Total	17

### Second Year

Fall Semester		Spring Semester	
MATH 2210 Multivariate Calculus	3	MATH 2280 Differential Equations	4
MATH 2270 Linear Algebra	4	PHYS 2220/2225 Physics for Science & Engin. II/Lab	4/1
PHYS 2210/2215 Physics for Science & Engin. I/Lab	4/1	MATH 2200 Intro to Discrete Mathematics	3
Life Sciences (LS)	3	Social Science (SS)	3
	Total 15	Total	15

\*Indicates course specific to Utah Tech transfer

## Bachelor of Science - Mathematics

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### Third Year

Fall Semester		Spring Semester	
MATH 3400 Probability & Statistics	3	MATH 3200 Introduction to Analysis I	3
MATH 3120 Transition to Advanced Mathematics	3	MATH Program Elective	3
MATH Program Elective	3	Upper-Division Elective	3
Upper-Division Elective	3	General Elective	3
General Elective	3	General Elective	3
	Total 15	Total	15

### Fourth Year

Fall Semester		Spring Semester	
MATH 4000 Abstract Algebra I	3	MATH 3900 Number Theory	3
MATH Program Elective	3	MATH 4900 Senior Capstone Seminar	3
Upper-Division Elective	3	Upper-Division Elective	1
Upper-Division Elective	3	General Elective	3
General Elective	3	General Elective	3
	Total	Total	13