



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	MATH 1220 Calculus II	4	
ENGL 1010 Intro to Writing (EN)	3	ENGL 2010 Intermediate Writing (EN)	3	
EDU 1010 Orientation to Education*	3	PHYS 2210 Physics for Science & Engineering I	4	
American Institutions (AI)	3	PHYS 2215 Physics for Science & Engineering I Lab	1	
Humanities (HU)	3	Program Elective	3	
		Communication (CM)	3	
Total		16	Total 18	

Second Year

Fall Semester		Spring Semester		
MATH 2210 Multivariate Calculus	3	MATH 2280 Differential Equations	4	
MATH 2270 Linear Algebra	4	MATH 2200 Intro to Discrete Mathematics	3	
PHYS 2220 Physics for Science & Engineering II	4	FHS 1230 Adolescent Growth & Development*	3	
PHYS 2225 Physics for Science & Engineer. II Lab	1	International & Global (IG)	3	
Life Science (LS)	3	Social Science (SS)	3	
Fine Arts (FA)	3	Lifelong Wellness (LW)	1	
Total		18	Total 17	

*Indicates course specific to U of U transfer

University of Utah graduation requirements specific to the program/major:

- Maintain a minimum cumulative GPA of 2.8 in all mathematics courses
- All mathematics courses must be completed with a "C+" or better and may only be attempted up to 3 times
- PHYS 2210 must be completed with a grade of C or better

Bachelor of Science - Mathematics

Odd Year Start

Transfer Pathway 2023-24 Catalog Year

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Third Year

Fall Semester		Spring Semester		
MATH 3410 Statistics for Secondary Math Teachers	3	MATH 3210 Foundations of Analysis I	4	
MATH 3430 Algebra for Secondary Math Teachers	3	MATH 3420 Geometry for Secondary Math Teachers	3	
CW – MATH 3010 History of Math recommended	3	International Requirement (IR)	3	
EDU 5200 Teacher Language Awareness	3	ECS 5709 Family School Partnerships	3	
SP ED 5021 Princ. Of Assessment & Data Based Dec.	3	ECS 2150 Multicultural Education	3	
Total		15	Total 16	

Fourth Year

Fall Semester		Spring Semester		
MATH 3100 Foundations of Geometry	3	MATH 4090 Teaching of Secondary School Math	3	
MATH 4030 Foundations of Algebra	3	MATH 4095 Practicum for Secondary Math Teachers	2	
MATH Elective	3-4	MATH 3070 Applied Statistics I	4	
ED PS 5151 – Ed Applications of Tech in Grades 6-12	3	ECS 5647 – Instructional Methods for Ling. Diverse Popl.	3	
EDS 5645 – Assessment of Ling. Diverse Popl.	3	SP ED 2012 Inclusive Classrooms	3	
Total		15-16	Total 15	

Fifth Year

Fall Semester		Spring Semester		
Licensure Year/Student Teaching or Internship		Licensure Year/Student Teaching or Internship		
EDU 5201 Teaching Practices, Ethics and Prof. Dev.	1	EDU 5495 Student Teaching: Secondary	9	
EDU 5490 Field Practicum: Secondary	3	EDU 5491 Prof Development & Teacher Research	3	
SP ED 5022 Princ. Of Instruction & Behavioral Support	3			
Total		7	Total 12	