



Arizona Transfer Admissions Pathway
Bachelor of Science – Mathematics (Secondary Education Option)
College of Science

To qualify for the Mathematics – Secondary Education Option Pathway, an Arizona Western College student enrolled in the Associate of Arts in Mathematics degree must:

- Submit an undergraduate admissions application to the University of Arizona during the university's admission filing period for acceptance, at least one semester in advance of transfer, and otherwise qualify for admission.
- Maintain a minimum recalculated GPA of 2.0 in all transferable courses.
- Students who do not earn a grade of B or better in 2nd semester English Composition must also satisfy a college or department writing requirement.
- Complete satisfactorily all Arizona Western College graduate requirements for the Associate of Arts-Mathematics prior to the date the student intends to transfer to the university; otherwise, transcripts will be evaluated on a course-by-course basis.

 THE UNIVERSITY OF ARIZONA.			 ARIZONA WESTERN COLLEGE		
		Credits			Credits
General Education Requirements					
First Year English Composition	ENGL 101 & ENGL 102	6	AGEC-A ENG 101 & ENG 102 (6)	35-37	
Foundation Mathematics	Math 124 or 125 Calculus I	3/5	MAT 220 (5)		
Tier I & Tier II		21	Arts (3) Humanities (3) Soc/Behavioral (6) Physical and Biological (8) Additional courses (0-6)		
Foundation Second Language	4 th semester proficiency	0-16	Language course at 202 level (or higher) or equivalent		
Program Plan					
Calculus II	Math 129	3	Calculus II w/Analy. Geo. SUN # MAT 2230	MAT 230	5
Intro to Computer Science or Computational Thinking and Doing	CSC 127A <i>or</i> ISTA 130	4	Intro to Computer Science 1	CSC 127A	4
Intro to Linear Algebra	MATH 215	3	Intro to Linear Algebra	MAT 252	3
Vector Calculus	MATH 223	4	Calculus III w/Analy. Geo. SUN # MAT 2241	MAT 241	4
Teaching Secondary Mathematics	MATH 205	3			
Intro to Probability Theory	MATH 362	3			
Analysis of Ordinary Differential Equations	MATH 355	3			
Adolescent Learning in Science and Mathematics	MATH 355	3			
Lab Science (Satisfied by Gen Ed NATS lab science sequence)		8			
Topics in Geometry	MATH 330	3			
Formal Mathematical Reasoning & Writing	MATH 323	3			
Methods of Teaching English to English Language Learners (online course)	LCEV 408	3			

Education for Secondary Students with Diverse Abilities	SERP 301B	2			
Intro to Number Theory & Modern Algebra	MATH 315	3			
Curriculum & Assessment in Secondary School Mathematics	MATH 406A	4			
Sheltered English Instruction (SEI) Methods	LCEV 416	3			
Content Area Literacy in a Multicultural School	LRC 435	3			
History of Mathematics	MATH 404	3			
Methods of Teaching Mathematics in Secondary Schools	MATH 406B	4			
Synthesis of Mathematical Concepts	MATH 407	3			
U.S. and Arizona Constitution	POL 210	3			
Secondary Mathematics Student Teaching Practicum	MATH 494C	12			
Electives		5-7	Additional Credits Required for AWC Degree		11
			Intro to Ordinary Differential Equations SUN # 2262	MAT 262	3
			Elective Credits		8
Total credits		120			64

No more than 64 community college credits may be applied toward the 120 credits required for a bachelor's degree.

This addendum was reviewed by, and any questions about the document should be addressed to:

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For complete UA baccalaureate requirements see http://advising.arizona.edu/sites/default/files/MathBS_SecEd_0.pdf
 To contact a Mathematics advisor at the UA, see <http://advising.arizona.edu/node/315>