

Associate in Science – Secondary Math Education Concurrent Pathway with AUM					
Semester	✓ Grade	Course Prefix	Course Description	Credit Hours	Area
1		ORI 101	Orientation to College	1	V
		ENG 101	English Composition I	3	I
		MTH 115	Pre-Calculus Algebra & Trigonometry	4	III
		SPH 106	Fundamentals of Oral Communication	3	II
		MUS 101	Music Appreciation	3	II
			Core Science Elective w/Lab	4	
			Semester Total	18	
2		ENG 102	English Composition II	3	I
		BIO 103	Principles of Biology I	4	III
		MTH 125	Calculus I	4	V
		FNDS 2010	Societal Foundations of Education	3	V
		FNDS 2120	Child and Adolescent Growth and Development	3	V
			Semester Total	17	
3		ENG 251	American Literature I	3	II
		HIS 101	Western Civilization I	3	IV
		MTH 126	Calculus II	4	V
			History, Social, or Behavioral Sci Elective	3	IV
		FNDS 2140	Educational Psychology	3	V
			Semester Total	16	
4		ENG 252	American Literature II	3	II
			History, Social, or Behavioral Sci Elective	3	IV
			History, Social, or Behavioral Sci Elective	3	IV
		MTH 227	Multivariable Calculus	4	V
		ESPE 3760	Survey of Exceptionalities	3	V
			Semester Total	16	
Total credit hours to be taken at AUM: 12			TOTAL TSCC HOURS	67	

Bachelor of Science – Secondary Math Education AUM					
Semester	✓ Grade	Course Prefix	Course Description	Credit Hours	Area
** Students should apply to Professional Ed during this semester **					
5		CSCI 1110/111	Intro to Programming with Python/Lab	4	
		FNDS 2140	Educational Psychology	3	
		MATH 3000	Intro to Higher Math	3	
		MATH 2660	Linear Algebra	3	
		STAT 2670	Elementary Statistics	3	
				Semester Total	16
6		ELEM 4100	Methods of Teaching Math	3	
		MATH 4110	History of Math	3	
		MATH 4200 or MATH 4300	Discrete Math or Number Theory	3	
		MATH 4310	Modern Algebra I	3	
		SCED 4000	Principles of Teaching	3	
				Semester Total	15
7		FNDS 4800	Measurement & Evaluation	3	
		MATH 4470	Foundations of Plane Geometry	3	
		MATH	3000/4000 Elective	3	
		READ	3000/4000 Elective	3	
		SCED 4050	Classroom Management	3	
		SCED 4110	Teaching Methods of Secondary Math	3	
				Semester Total	18
8		SCED 4924	Professional Internship	9	
		SCED 4982	Comprehensive Exam	0	
				Semester Total	9
				TOTAL AUM HOURS	58
				TOTAL HOURS	125