



SUCCESS GUIDE



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	2	V
		ENG 101	English Composition I (minimum grade of 'C' required)	3	I
		MTH 115	Pre-Calculus Algebra & Trigonometry	4	III
		ART 100 or MUS 101 or THR 120	Art Appreciation Music Appreciation Theater Appreciation	3	II
		SPH 106 or SPH 107	Fundamentals of Oral Communication or Fundamentals of Public Speaking	3	II
Semester Total				15	
2		ENG 102	English Composition II (minimum grade of 'C' required)	3	I
		MTH 125	Calculus I	4	V
		BIO 103	Principles of Biology I	4	III
		IDS 102	Ethics	3	II
		FNDS 2120	Child & Adolescent Growth	3	V
Semester Total				17	
3		ENG 251	American Literature I or other literature	3	II
		HIS 101	Western Civilization I	3	IV
		MTH 126	Calculus II	4	V
		BIO 104	Principles of Biology II or other natural science	4	V
		FNDS 2120	Child & Adolescent Growth and Development	3	V
Semester Total				17	
		HIS 102	Western Civilization II or other history or social science ¶	3	II
		PHY 214	Calculus III	4	V
		GEO 100	World Regional Geography or other social science	3	II
		SOC 200	Introduction to Sociology or other social science †	3	IV
		FNDS 2140	Educational Psychology	3	V
Semester Total				16	
Total credit hours to be taken at AUM: 9			TOTAL SUSCC HOURS	65	
¶ A sequence in literature or in history is required. † Social science options include: economics, geography, political science, psychology, and sociology. Refer to STARS guide.					
AUM Bachelor of Science – Secondary Math Education					
5	** Students should apply to Professional Ed during this semester **				
		CSCI 1110/111	Intro to Programming with Python/Lab	4	
		INST 4703	Educational Technology	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	Discrete Math or	3	
		MATH 4300	Number Theory	3	
		MATH 4310	Modern Algebra I	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 Internships	9	
		SCED 4982	Comprehensive Exam	0	
Semester Total				9	
TOTAL AUM HOURS (semesters 5-8)				58	
TOTAL PROGRAM HOURS				123	

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