

Associate in Science - Secondary General Science Education (Chemistry) 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 125	Calculus I	3	III
		BIO 103	Principles of Biology	4	III
		ART 100 or MUS 101 or THR 120	Art Appreciation Music Appreciation Theater Appreciation	3	II
		SPH 106	Fundamentals of Oral Communication	3	II
				Semester Total	17
2		ENG 102	English Composition II	3	I
		PHY 201	General Physics I - Trig Based with Lab	4	III
		MTH 265	Elementary Statistics	3	III
		FNDS 2010	Societal Foundations of Education	3	V
		FNDS 2120	Child & Adolescent Growth	3	V
				Semester Total	16
3		ENG 251	American Literature I	3	II
		HIS 101	Western Civilization I	3	IV
		PHY 202	General Physics II – Trig Based with Lab	4	III
			History, Social , or Behavioral Science Elective	3	IV
		FNDS 2140	Educational Psychology	3	
				Semester Total	16
4		ENG 252	American Literature II	3	II
			History, Social, or Behavioral Science Elective	3	IV
			History, Social, or Behavioral Science Elective	3	IV
		CHM 111	College Chemistry I with Lab	4	III
		ESPE 3760	Survey of Exceptionalities	3	V
				Semester Total	16
Total credit hours to be taken at AUM: 16			TOTAL TSCC HOURS	65	

<b>Bachelor of Science – Secondary General Science Education (Chemistry)</b>					
<b>AUM</b>					
<b>Semester</b>	<b>✓ Grade</b>	<b>Course Prefix</b>	<b>Course Description</b>	<b>Credit Hours</b>	<b>Area</b>
		INST 4703	Educational Technology	3	
		CHEM 1200 & CHEM 1201	General Chemistry II with Lab	4	
		BIOL 1020 & BIOL 1021	Organisms, Adaptations, Environment with Lab	4	
		PSCI 1400	Introduction to Astronomy	3	
				Semester Total	14
<b>2</b>		BIOL 2100	Anatomy & Physiology I with Lab	4	
		CHEM 3300	Biochemistry	4	
		CHEM 3000/4000	Chem elective	4	
		FNDS 4800	Measurement & Evaluation	3	
		SCED 4000	Principles of Teaching	3	
				Semester Total	18
<b>3</b>		SCED 4050	Classroom Management	3	
		CHEM 3000/4000	Chem elective	4	
		CHEM 3000/4000	Chem elective	4	
		PSCI 4970	Senior Seminar	3	
		SCED 4110	Teaching Methods of Secondary Math	3	
				Semester Total	17
<b>4</b>		SCED 4924	Professional Internships	9	
		SCED 4982	Comprehensive Exam	0	
		PSCI 1300	Introduction to Earth Science	3	
				Semester Total	12
			TOTAL AUM HOURS	61	
			TOTAL PROGRAM HOURS	126	