

AA IN GENERAL EDUCATION TO BS IN CHEMISTRY

Campus		ASU Mid-South Courses	Comparable A-State Course	Hours
ASU Mid-South	English Composition	ENG 1113 English Composition I	ENG 1003 Composition I	3
		ENG 1123 English Composition II	ENG 1013 Composition II	3
		ENGL 2303 Oral Communications	COMS 1203 Oral Communication	3
	Math	MATH 2115 Calculus I	MATH 2204 Calculus I	4
	Life Science	BIOL 1114/1110 General Biology/Lab	BIOL 1003/1001 Biological Science/Lab	4
	Physical Science	CHEM 1314/1310 Chemistry I/Lab	CHEM 1013/1011 General Chemistry I/Lab	4
	US History/Governm ent	HIST 2133 U.S. History After 1877	HIST 2773 The US since 1876	3
		POLS 1143 American Government	POSC 2103 Intro to US Government	
		HIST 2123 U.S. History Before 1877	HIST 2763 The US to 1876	
	World History	HIST 1163 World Civilization II	HIST 1023 World Civ Since 1660	3
		HIST 1153 World Civilization I	HIST 1013 World Civ to 1660	
	Social Science	PSYC 1403 Introduction to Psychology	PSY 2013 Introduction to Psychology	6
		ANTH 2013 Cultural Anthropology	ANTH 2233 Intro to Cultural Anthropology	
		SOCI 1303 Introduction to Sociology	SOC 2213 Intro to Sociology	
	Humanities	ENGL 2153 World Literature I	ENG 2003 World Lit to 1660	6
		ENGL 2163 World Literature II	ENG 2013 World Lit since 1660	
		PHIL 2013 Introduction to Philosophy	PHIL 1103 Introduction to Philosophy	
	Fine Arts	MUSC 1103 Music Appreciation	MUS 2503 Fine Arts Music	3
		ARTS 1103 Art Appreciation	ART 2503 Fine Arts Visual	
		ARTS 1123 Intro to Theatre	THEA 2503 Fine Arts Theatre	
	Degree Requirements	COMP 1113 Computer Fundamentals	CIT 1503 Microcomputer Applications	3
		Any HPED course	Elective	3
		CSUR 1101 College Survival Skills	Elective	1
Electives	MATH 2124 Calculus II	MATH 2114 Calculus II	4	
	CHEM 1324/1320 Chemistry II/Lab (C or better)	CHEM 1023/1021 General Chemistry II/Lab	4	
	Elective	Elective	3	
A-State	Major Requirements		BIO 2013/2011, Biology of the Cell/Lab	4
			CHEM 2002 Computers in Chemistry	2
			CHEM 2004, Descriptive Inorganic Chemistry	4
			CHEM 3054, Quantitative Analysis	4
			CHEM 3103/3101 Organic Chemistry I/Lab (C or better)	4
			CHEM 3113/3111 Organic Chemistry II/Lab	4
			CHEM 3124 Physical Chemistry	4
			CHEM 3134 Physical Chemistry II	4
			CHEM 4204 Inorganic Chemistry	4
			CHEM 4224 Instrumentation	4
			CHEM 4243, Biochemistry	3
			CHEM 427V Research in Chemistry	3
			CHEM 4281 Chemistry Seminar	1
			MATH 3254 Calculus III	4
			PHYS 2034 University Physics I	4
		PHYS 2044 University Physics II	4	
Electives*		General Electives	6	

*Must be Upper-Level hours