

AS IN STEM TO BS IN CHEMISTRY

Campus		University of Arkansas Community College at Batesville Courses	Comparable A-State Course	Hours	
University of Arkansas Community College at Batesville	English Composition	ENG 1103 English Composition I	ENG 1003 Composition I	3	
		ENG 1203 English Composition II	ENG 1013 Composition II	3	
		SPC 1003 Oral Communication	COMS 1203 Oral Communication	3	
	Math	MTH 1023 College Algebra	MATH 1023 College Algebra	3	
	Life Science	BIO 1103/1101 Biology for Majors/Lab	BIOL 1003/1001 Biological Science/Lab	4	
	Physical Science	CHM 1103/1101 College Chemistry I/Lab	CHEM 1013/1011 General Chemistry I/Lab	4	
	US History/ Government	HIS 2003 United States History I	HIST 2763 The US to 1876	3	
		HIS 2013 United States History II	HIST 2773 The US since 1876		
		POS 2103 United States Government	POSC 2103 Intro to US Government		
	World History	HIS 1013 World Civilization I	HIST 1013 World Civ to 1660	3	
		HIS 1023 World Civilization II	HIST 1023 World Civ Since 1660		
	Soc. Science	SOC 2003 Principles of Sociology	SOC 2213 Intro to Sociology	3	
		PSY 1003 General Psychology	PSY 2013 Introduction to Psychology		
		HIS 2003 United States History I	HIST 2763 The US to 1876		
		HIS 2013 United States History II	HIST 2773 The US since 1876		
		POS 2103 United States Government	POSC 2103 Intro to US Government		
		HIS 1013 World Civilization I	HIST 1013 World Civ to 1660		
		HIS 1023 World Civilization II	HIST 1023 World Civ Since 1660		
		ECN 2013 Macroeconomics	ECON 2313 Prin. Of Macroeconomics		
	Literature	SOC 2023 Cultural Anthropology	ANTH 2233 Intro to Cultural Anthropology	3	
		ENG 2113 World Literature I	ENG 2003 World Lit to 1660		
		ENG 2213 World Literature II	ENG 2013 World Lit since 1660		
	Fine Arts	PHI 1003 Introduction to Philosophy	PHIL 1103 PHI 1003 Introduction to Philosophy	3	
		FAT 2013 Theater	THEA 2503 Fine Arts Theatre		
		FAM 2003 Music	MUS 2503 Fine Arts Music		
	Electives	FAV 2023 Visual Art	ART 2503 Fine Arts Visual	4	
		MTH 2005 Calculus I	MATH 2204 Calculus I		
		CHM 1123/1121 College Chemistry II/Lab	CHEM 1023/1021 General Chemistry II/Lab		
		MTH 2015 Calculus II	MATH 2214 Calculus II		
		Electives	Electives	13	
	A-State	Major Requirements		BIO 2011 Biology of the Cell Laboratory	1
				CHEM 2002 Computers in Chemistry	2
				CHEM 2004 Descriptive Inorganic Chemistry	4
			CHEM 3054 Quantitative Analysis	4	
			CHEM 3103/3101 Organic Chemistry I and Laboratory	4	
			CHEM 3113/3111 Organic Chemistry II and Laboratory	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*	Electives	6		

* Must be Upper-level hours