

AS IN STEM TO BA IN COMPUTER SCIENCE

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	PHS 2014 Physics for Health Science	PHYS 2054 General Physics I	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	ECN 2013 Macroeconomics	ECON 2313 Prin. Of Macroeconomics	3
	Literature	ENG 2113 World Literature I	ENG 2003 World Lit to 1660	3
		ENG 2213 World Literature II	ENG 2013 World Lit since 1660	
		PHI 1003 Introduction to Philosophy	PHIL 1103 PHI 1003 Introduction to Philosophy	
	Fine Arts	FAT 2013 Theater	THEA 2503 Fine Arts Theatre	3
		FAM 2003 Music	MUS 2503 Fine Arts Music	
		FAV 2023 Visual Art	ART 2503 Fine Arts Visual	
	Electives	MTH 2005 Calculus I	MATH 2204 Calculus I	4
		MTH 2003 Survey of Calculus I	MATH 2194 Survey of Calculus	
		Electives	Electives	Electives
A-State	Major Requirements		CS 1114 Concepts of Programming	4
			CS 2114 Structured Programming	4
			CS 2124 OOP and Fundamental Data Structures	4
			CS 3113 Algorithms and Advanced Data Structures	3
			CS 3233 Operating Systems	3
			CS 4113 Software Engineering	3
			CS 4143 Java and Application Development	3
			CS 4313 Computer Networks	3
			CS 4543 Database Systems	3
			ENG 3043 Technical Writing	3
			MATH 2183 Discrete Structures	3
			PHIL 3723 Computers, Ethics, and Society	3
			STAT 3233 Applied Statistics I	3
		Computer Science Electives*		General Business Track
			Electronic Commerce Track	
	Information Technology Track			

* Choose courses from the list on Bulletin

* Must include at least 6-9 Upper-level hours