

AA IN GENERAL EDUCATION TO BA IN COMPUTER SCIENCE

Campus		Arkansas State University - Newport Courses	Comparable A-State Course	Hours	
ASU Newport	English Composition	ENG 1003 Composition I	ENG 1003 Composition I	3	
		ENG 1013 Composition II	ENG 1013 Composition II	3	
		SPCH 1203 Oral Communication	COMS 1203 Oral Communication	3	
	Math	MATH 1023 College Algebra	MATH 1023 College Algebra	3	
	Life Science	BIOL 1003/1001 Biological Science & Lab	BIOL 1003/1001 Biological Science/Lab	4	
	Physical Science	PHYS 2054 General Physics I	PHYS 2054 General Physics I	4	
	US History/Government	HIST 2773 The U.S. since 1876	HIST 2773 The US since 1876	3	
		POSC 2103 U.S. Government	POSC 2103 Intro to US Government		
		HIST 2763 The U.S. to 1876	HIST 2763 The US to 1876		
	World History	HIST 1023 World Civilization since 1660	HIST 1023 World Civ Since 1660	3	
		HIST 1013 World Civilization to 1660	HIST 1013 World Civ to 1660		
	Social Science	ECON 2313 Principles of Macroeconomics	ECON 2313 Prin. Of Macroeconomics	3	
		PSY 2013 Introduction to Psychology	PSY 2013 Introduction to Psychology	3	
		HIS 2763 The United States to 1876	HIST 2763 The US to 1876		
		HIS 2773 The United States since 1876	HIST 2773 The US since 1876		
		POSC 2103 Intro to US Government	POSC 2103 Intro to US Government		
		SOC 2213 Principles of Sociology	SOC 2213 Intro to Sociology		
		GEOG 2613 Introduction to Geography	GEOG 2613 Introduction to Geography		
		HIST 1013 World Civilization to 1660	HIST 1013 World Civilization to 1660		
		HIST 1023 World Civilization Since 1660	HIST 1023 World Civilization Since 1660		
		SOC 2233 Introduction to Cultural Anthropology	ANTH 2233 Intro to Cultural Anthropology		
	Arts and Humanities	ENG 2003 World Literature to 1660	ENG 2003 World Lit to 1660		3
		ENG 2013 World Literature since 1660	ENG 2013 World Lit since 1660		
		PHIL 1103 Introduction to Philosophy	PHIL 1103 Introduction to Philosophy		
		MUS 2503 Fine Arts-Music	MUS 2503 Fine Arts Music		
		ART 2503 Fine Arts-Visual	ART 2503 Fine Arts Visual		
	Institutional Requirements	THEA 2503 Fine Arts-Theatre	THEA 2503 Fine Arts Theatre	3	
		MIS 1033 Introduction to Computers	CS 1013 Introduction to Computers		
		PE 1623 Concepts of Fitness	PE 1002 Concepts of Fitness		
	Electives	UNIV 1001 College and Life Skills	Elective	1	
		MATH 2204 Calculus I	MATH 2204 Calculus I	4	
		MATH 2194 Survey of Calculus	MATH 2194 Survey of Calculus		
		MATH 2143 Business Calculus	MATH 2143 Business Calculus		
	Electives	Electives	11		
	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*			Computer Science Electives	12	
Business Track**			General Business Track	12 - 15	
			Electronic Commerce Track		
		Information Technology Track			

*Must include 6-9 Upper-Level hours

**Choose courses from the list on Bulletin.