

AS IN NATURAL SCIENCE TO BSE IN GENERAL SCIENCE: EMPHASIS IN BIOLOGY

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 2213/2211 Biological of the Cell/Lab	BIO 2103/2101 Microbiology for Nursing/Lab	4	
	Physical Science	CHEM 1013/1011 General Chemistry I/Lab	CHEM 1013/1011 General Chemistry I/Lab	4	
	US History/Government	POSC 2103 U.S. Government	POSC 2103 Intro to US Government	3	
	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	PSY 2013 Introduction to Psychology	PSY 2013 Introduction to Psychology	3	
	Arts and Humanities	ENG 2003 Intro to Literature of the Western World I		ENG 2003 World Lit to 1660	3
			ENG 2013 Intro to Literature of the Western World II	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	3	
		ART 2503 Fine Arts-Visual	ART 2503 Fine Arts Visual		
		THEA 2503 Fine Arts-Theatre	THEA 2503 Fine Arts Theatre		
	Major Area Requirements	MATH 2204 Calculus I	MATH 2204 Calculus I	4	
		GEOL 1003/1001 Environmental Geology/Lab	GEOL 1003/1001 Environmental Geology/Lab	4	
		BIOL 1033/1031 Biology of Plants/Lab	BIO 1503/1501 Biology of Plants/Lab	4	
		BIOL 1053/1051 Biology of Animals/Lab	BIO 1303/1301 Biology of Animals/Lab	4	
PHYS 2054 General Physics I		PHYS 2054 General Physics I	4		
PHYS 2064 General Physics II		PHYS 2064 General Physics II	4		
CHEM 1023/1021 General Chemistry II/Lab		CHEM 1023/1021 General Chemistry II/Lab	4		
A-State	Foreign Language		French, German, or Spanish	0-6	
	Major Requirements		BIO 3013/3011 Genetics and Laboratory	4	
			BIO 3023 Principles of Ecology	3	
			BIO 3033 Evolution	3	
			BIO 4104 Microbiology	4	
			CHEM 3103 Organic Chemistry I	3	
			Choose Two of the Following Three Options		
			GEOG 3723 Intro to Physical Geography	3	
			GEOG 4633 Climatology		
			PHYS 1103 Intro to Space Science	3	
			PHYS 3133 Astronomy		
		PHYS 3043 Atmospheric Dynamics	3		
	Professional Education Requirements		EDSC 4593 Methods and Materials for Teaching Science in the Secondary School*	3	
			ELSE 3643 The Exceptional Student in the Regular Classroom	3	
			PSY 3703 Educational Psychology	3	
			SCED 2513 Intro to Secondary Teaching	3	
			SCED 3515 Performance Based Instructional Design*	5	
		SCED 4713 Educational Measurement with Computer Applications*	3		
		TIBI 4826 Teaching Internship in the Secondary School*	6		
Additional General Requirement for Teachers		HLTH 2513 Principles of Personal Health	3		

*Requires Admission to the Teacher Education Program

Last Modified: 5/27/2020