

**AS IN NATURAL SCIENCE TO BS IN WILDLIFE, FISHERIES, AND CONSERVATION
EMPHASIS IN FISHERIES**

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	
		HIST 2763 US History to 1876	HIST 2763 The US to 1876		
		HIST 2773 US History since 1876	HIST 2773 The US since 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	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	3	
		MUS 2503 Fine Arts-Music	MUS 2503 Fine Arts Music		
		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	
	Emphasis Area: Fisheries		AGST 3543 Fundamentals of GIS/GPS	3	
			BIO 3013/3011 Genetics and Lab	4	
			BIO 3023 Principles of Ecology	3	
			BIO 3033 Evolution	3	
			BIO 4333 Marine Biology		
			BIO 4021 Biological Seminar	1	
			BIO 4301/4302 Aquatic Entomology and Lab	3	
			BIO 4362 Applied Aquaculture	2	
			BIO 4372 Applied Fisheries		
			BIO 4402/4401 Ichthyology and Lab	3	
			BIO 4413 Wildlife Internship	3	
			BIO 4603/4601 Limnology and Lab	4	
			STAT 3233 Applied Statistics I	3	
			Choose Two of the Following Three		
			BIO 3673 Human Dimensions of Natural Resources	6	
			BIO 4613 Conservation Biology		
			POSC 4533 Environmental Law and Administration		
		Botany Elective (Choose from List in Bulletin)	3-4		
	Zoology Elective (Choose from List in Bulletin)	3-5			
Electives*		Electives	7-9		

*Choose from Botany or Zoology courses not already taken to fulfill Elective Requirement

Last Modified: 5/27/2020

**AS IN NATURAL SCIENCE TO BS IN WILDLIFE, FISHERIES, AND CONSERVATION
EMPHASIS IN WILDLIFE**

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	
		HIST 2763 US History to 1876	HIST 2763 The US to 1876		
		HIST 2773 US History since 1876	HIST 2773 The US since 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	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		
		ART 2503 Fine Arts-Visual	ART 2503 Fine Arts Visual		
	Major Area Requirements	THEA 2503 Fine Arts-Theatre	THEA 2503 Fine Arts Theatre	4	
		MATH 2204 Calculus I	MATH 2204 Calculus I		
		GEOL 1003/1001 Environmental Geology/Lab	GEOL 1003/1001 Environmental Geology/Lab		
BIOL 1033/1031 Biology of Plants/Lab		BIO 1503/1501 Biology of Plants/Lab			
BIOL 1053/1051 Biology of Animals/Lab		BIO 1303/1301 Biology of Animals/Lab			
PHYS 2054 General Physics I		PHYS 2054 General Physics I			
PHYS 2064 General Physics II		PHYS 2064 General Physics II			
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	
	Emphasis Area: Wildlife		AGST 3543 Fundamentals of GIS/GPS	3	
			BIO 3013/3011 Genetics and Lab	4	
			BIO 3023 Principles of Ecology	3	
			BIO 4311/4312 Fisher Biology and Lab	3-4	
			BIO 4603/4601 Limnology and Lab		
			BIO 4402/4401 Ichthyology and Lab	1	
			BIO 4021 Biological Seminar		
			BIO 4373/4371 Animal Ecology and Lab	4	
			BIO 4413 Wildlife Program Internship	3	
			BIO 403V Special Problems in Biology	4	
			BIO 4653/4651 Wildlife Management and Lab		
			BIO 4663/4661 Wildlife Management Investigational Techniques and Lab	4	
			BIO 4704 Plant Systematics	4	
			STAT 3233 Applied Statistics I	3	
			Choose Two of the Following Three		
			BIO 3673 Human Dimension of Nat Resources	6	
			BIO 4613 Conservation Biology		
			POSC 4533 Environmental Law and Admin		
		Choose Two of the Following Three			
	BIO 4352/4351 Mammalogy and Lab	6-7			
	BIO 4412/4411 Herpetology and Lab				
	BIO 4423/4421 Ornithology and Lab				
	ENG 3043 Technical Writing	3			
Zoology Electives		Choose 5-7 hours from the list in the Bulletin	5-7		

*Choose from Botany or Zoology courses not already taken to fulfill Elective Requirement

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