



2+2 Degree Plan
Associate of Science Liberal Arts and Science- ASU Beebe
Bachelor of Science – ATU
Options: Wildlife or Fisheries



ASU Beebe (60 credit hours)
 General Education Core – 35 hours

University Requirement (1-3 hours)			ATU equivalent	Hours
UNIV	1001	Principles of Academic Success I*	Elective Credit	1
UNIV	1003	Principles of Academic Success II	Elective Credit	3

*Students enrolled in remedial courses are not eligible for this course.

ENGLISH/Communications (9 hours)			ATU equivalent	Hours
ENGL	10103	Freshman English I (<i>Grade C or better</i>)	ENGL 1013 Composition I	3
ENGL	10203	Freshman English II (<i>Grade C or better</i>)	ENGL 1023 Composition II	3
SPCH	10003	Oral Communication	COMM 2003 Public Speaking	3

Math (3 hours)			ATU equivalent	Hours
MATH	10203	College Algebra* (<i>Grade C or better</i>)	MATH 1113 College Algebra	3

*required to satisfy fisheries and wildlife degree requirements at ATU.

U.S. History/Government (3 hours)			ATU equivalent	Hours
PLSC	20003	Introduction to U. S. Government <i>or</i>	POLS 2003 American Government	3
HIST	21103	The United States to 1876 <i>or</i>	HIST 2003 U. S. History to 1877	
HIST	21203	The United States since 1876	HIST 2013 U.S. History since 1877	

World History (3 hours)			ATU equivalent	Hours
HIST	11103	World Civilization to 1660 <i>or</i>	HIST 1503 World History to 1500	3
HIST	11203	World Civilization since 1660	HIST 1513 World History since 1500	

Fine Arts (3 hours)			ATU equivalent	Hours
ART	10003	Fine Arts – Visual <i>or</i>	ART 2123 Experiencing Art	3
MUSC	25003	Fine Arts – Musical <i>or</i>	MUS 2003 Introduction to Music	
THTR	25003	Fine Arts – Theatre <i>or</i>	TH 2273 Introduction to Music	
THTR	25103	Fine Arts – Film <i>or</i>	GEFA 2XXX Gen. Ed. Fine Arts Credit	
HUMN	20003	Intro. to Humanities I: Greece and	GEHM 2XXX Gen. Ed. Humanities Credit	
HUMN	20203	Rome <i>or</i>	GEHM 2XXX Gen. Ed. Humanities Credit	
		Intro. to Humanities II: Europe		

Literature (3 hours)			ATU equivalent	Hours
ENGL	21103	World Literature I <i>or</i>	ENGL 2003 Intro. to World Literature	3
ENGL	21203	World Literature II <i>or</i>	GEHM 2xxx Gen. Ed. Humanities Credit	
PHIL	11003	Introduction to Philosophy	PHIL 2003 Introduction to Philosophy	

Social Sciences (3 hours)			ATU equivalent ¹	Hours
		Social Sciences Elective ¹ <i>Select one course not already taken from the departments below: HIST, SOC, POSC, ECON, PSY, or GEOG</i>	SS 1XXX Social Science Course	3

Physical and Life Science (8 hours)			ATU equivalent	Hours
BIOL	1014	Principles of Biology	BIOL 1114 Principles of Biology	4
CHEM	1014	General Chemistry I	CHEM 2124 General Chemistry I and CHEM 2120 General Chemistry I Lab	4

Directed Courses			ATU equivalent	Hours
ECON	2313	Principles of Macroeconomics	ECON 2003 Principles of Macroeconomics	3
ZOOL	1204	Principles of Zoology	BIOL 2124 Principles of Zoology	4
BIOL	1104	General Botany	BIOL 2134 Principles of Botany	4
MATH	2233	Applied Statistics	STAT 2163 Introduction to Statistical Methods	3
GEOG	1233	Intro. To Geographic Information Systems	GEOG 2833 Introduction to Geographic Information Systems	3
		Directed Elective*	Elective	8

Arkansas Tech University Courses (60 credit hours)

Wildlife Option			
BIOL	1011	Orientation to Fisheries and Wildlife	1
FW	2013	Natural Resources Communication	3
CHEM	2204	Organic Physiological Chemistry	4
FW	3114	Principles of Ecology	4
FW	3154	Statistics ² or Mammalogy ³	4
FW	3144	Ornithology ³	4
FW	4014	Forest Ecology and Management ³ or	4
FW	4064	Wetland Ecology and Management ³	
BIOL	3004	Plant Taxonomy ³ or Elective ³	4
FW	3053	Fisheries and Wildlife Administration	3
FW	4003	Principles of Wildlife Management	3
FW	4103	Human Dimensions of Fisheries and Wildlife Management ⁶	3
FW	4001	Senior Seminar in Fisheries and Wildlife Biology ⁶	1
FW	4013	Wildlife Techniques ⁶	3
FW	4083	Principles of Fisheries Management ⁶	3
BIOL	4044	Dendrology	4
		Statistics or Math	3
		Electives	9
Fisheries Option			
BIOL	1011	Orientation to Fisheries and Wildlife	1
FW	2013	Natural Resources Communication	3
CHEM	2204	Organic Physiological Chemistry	4
FW	3084	Ichthyology ³	4
FW	3114	Principles of Ecology	4

BIOL	4044	Dendrology	4
		<i>Select one of the following:</i>	
		Statistics ² or Math ⁵	3
BIOL	3004	Plant Taxonomy ³	4
FW	3053	Fisheries and Wildlife Administration	3
FW	4003	Principles of Wildlife Management	3
FW	4024	Limnology ³	4
FW	4043	Fisheries Techniques ^{3,6}	3
FW	4103	Human Dimensions of Fisheries and Wildlife Management ⁶	3
FW	4001	Senior Seminar in Fisheries and Wildlife Biology ⁶	1
FW	4083	Principles of Fisheries Management ⁶	3
		Electives ^{4,6}	13

¹See appropriate alternatives or substitutions in "General Education Requirements". One of the social sciences must be ECON 2003 Principles of Macroeconomics.

²Statistics must be taken either fall or spring term.

³ Choose one course from each of the following course sequences:

(1) FW 3154 Mammalogy or FW 3144 Ornithology (2) FW 4014 Forest Ecology and Management or FW 4064 Wetland Ecology and Management.

⁴Must include at least two courses from the biology group (BIOL 3174 Physiological Ecology, BIOL 3034 Genetics, BIOL 4064 Evolutionary Biology, BIOL 3064 Parasitology, BIOL 3104 Introduction to Entomology or AGPM 3104 Introduction to Entomology, BIOL 3184 Animal Behavior, BIOL 3004 Plant Taxonomy, BIOL 3033 Bioinformatics, BIOL 4043 Conservation Genetics, BIOL 4044 Dendrology, BIOL 4094 Coastal Ecology) one course from the physical science group elective (any physics course, AGSS 2014 Soils, GEOL 1014 Physical Geology), and three 3000-4000 level fisheries and wildlife elective courses. Sufficient additional electives to produce 120 total credit hours are required for graduation.

⁵Must include one of the following courses: FW 3173 Biostatistics, MATH 2243 Calculus for Business and Economics, MATH 2914 Calculus I, MATH 2924 Calculus II, MATH 2934 Calculus III, STAT 2304 Programming Languages for Data Science, STAT 3113 Regression Analysis, STAT 4153 Experimental Design and Analysis.

⁶This program partners the Bachelor of Science (BS) in Fisheries and Wildlife and the Master of Science (MS) Fisheries and Wildlife. Students in this accelerated program can substitute up to 12 hours graduate level credit hours fisheries and wildlife courses from the following: Four (4) FW 5000 or 6000-level courses can be used to replace undergraduate fisheries and wildlife required or elective requirements.