

**ASU Beebe (60 credit hours)**

General Education Core – 35 hours

<b>University Requirement (1-3 hours)</b>			<b>ATU equivalent</b>	<b>Hours</b>
UNIV	1001	Principles of Academic Success*	Elective Credit	1
UNIV	1003	Principles of Academic Success	Elective Credit	3

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

<b>English/Communications (9 hours)</b>			<b>ATU equivalent</b>	<b>Hours</b>
ENG	1003	Freshman English I ( <i>Grade C or better</i> )	ENGL 1013 Composition I	3
ENG	1013	Freshman English II ( <i>Grade C or better</i> )	ENGL 1023 Composition II	3
SPCH	1203	Oral Communication	COMM 2003 Public Speaking	3

<b>Math (3 hours)</b>			<b>ATU equivalent</b>	<b>Hours</b>
MATH	1023	College Algebra* ( <i>Grade C or better</i> )	MATH 1113 College Algebra	3

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

<b>U.S. History/Government (3 hours)</b>			<b>ATU equivalent</b>	<b>Hours</b>
POSC	2103	Introduction to U. S. Government <i>or</i>	POLS 2003 American Government	3
HIST	2763	The United States to 1876 <i>or</i>	HIST 2003 U. S. History to 1877	
HIST	2773	The United States since 1876	HIST 2013 U.S. History since 1877	

<b>World History (3 hours)</b>			<b>ATU equivalent</b>	<b>Hours</b>
HIST	1013	World Civilization to 1660 <i>or</i>	HIST 1503 World History to 1500	3
HIST	1023	World Civilization since 1660	HIST 1513 World History since 1500	

<b>Fine Arts (3 hours)</b>			<b>ATU equivalent</b>	<b>Hours</b>
ART	2503	Fine Arts – Visual <i>or</i>	ART 2123 Experiencing Art	3
MUS	2503	Fine Arts – Musical <i>or</i>	MUS 2003 Introduction to Music	
THEA	2503	Fine Arts – Theatre <i>or</i>	TH 2273 Introduction to Music	
THEA	2513	Fine Arts – Film <i>or</i>	GEFA 2XXX Gen. Ed. Fine Arts Credit	
HUM	2003	Intro. to Humanities I: Greece and Rome <i>or</i>	GEHM 2XXX Gen. Ed. Humanities Credit	
HUM	2013	Intro. to Humanities II: Europe	GEHM 2XXX Gen. Ed. Humanities Credit	

<b>Literature (3 hours)</b>			<b>ATU equivalent</b>	<b>Hours</b>
ENG	2003	World Literature I <i>or</i>	ENGL 2003 Intro. to World Literature	3
ENG	2013	World Literature II	GEHM 2xxx Gen. Ed. Humanities Credit	

<b>Social Sciences (3 hours)</b>			<b>ATU equivalent</b>	<b>Hours</b>
		Social Sciences Elective <sup>1</sup> <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**

BIOL	1014	Principles of Biology	BIOL 1114 Principles of Biology	4
CHEM	1014	General Chemistry I	CHEM 2124 General Chemistry I	4

**ASU Beebe****Associates Degree Requirements & Electives (25-26 credit hours)****ASU Beebe Course****ATU equivalent****Hours**

ASU Beebe Course	ATU equivalent	Hours	
ECON 2313	Principles of Macroeconomics	ECON 2003 Principles of Economics I	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 Intro. To Geographic Information Systems	3
	Directed Elective*	Elective	8

\*Students should choose one of the following: PHSC 1204, PHYS 1014, 2054, 2064, 2074, 2084 or PSSC 2813 and 2811 to satisfy requirements at ATU.

**Arkansas Tech University Courses (60 credit hours)**

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	3084	Ichthyology <i>or</i>	4
FW	3154	Mammalogy <i>or</i> Statistics elective	
FW	3144	Ornithology <i>or</i> Statistics	4
FW	4014	Forest Ecology and Management <sup>W</sup> <i>or</i>	4
FW	4064	Wetland Ecology and Management <sup>3W</sup> <i>or</i> Elective	
BIOL	3004	Plant Taxonomy <sup>3</sup> <i>or</i> Elective <sup>3</sup>	4
FW	3053	Fisheries and Wildlife Administration	3
FW	4003	Principles of Wildlife Management	3
FW	4024	Limnology <sup>2F</sup> <i>or</i> electives <sup>3</sup>	4
FW	4043	Fisheries Techniques <sup>F</sup> <i>or</i> Electives <sup>W</sup>	3
FW	4103	Human Dimensions of Fisheries and Wildlife Management	3
FW	4001	Senior Seminar in Fisheries and Wildlife Biology	1
FW	4013	Wildlife Techniques <sup>W</sup> <i>or</i> Electives <sup>F</sup>	3
FW	4083	Principles of Fisheries Management	3
BIOL	4044	Dendrology <i>or</i> electives <sup>4</sup>	4
		Directed Electives <sup>3</sup>	3
		Statistics <i>or</i> Math <sup>4</sup>	3

<sup>1</sup>See Arkansas Course Transfer System (ADHE-ACTS) for transferable social science courses.

<sup>2</sup>F and W superscripts designate courses required for certification in fisheries and wildlife, respectively. Students seeking wildlife certification must 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. Students seeking fisheries certification must choose FW 3084 Ichthyology *and* FW 4024 Limnology Meeting requirements for

fisheries or wildlife certification is a requirement for graduation.

<sup>3</sup>Must include at least two courses from the biology group (BIOL 3174 Physiological Ecology, BIOL 3034 Genetics, BIOL 4064 Evolutionary Biology, BIOL 3064 Parasitology, 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.

<sup>4</sup>Must include one of the following courses: FW 3173 Biostatistics Biostatistics, STAT 2303 /2000 Statistical Methods/Statistical Packages Lab, STAT 3133 Regression Analysis, STAT 4153 Experimental Design and Analysis Experimental Design, or Calculus.