FISHERIES AND WILDLIFE SCIENCE - WILDLIFE OPTION, BACHELOR OF SCIENCE

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Curriculum

Course	Title	Hours	Completed
Freshman			
Fall			
BIOL 1114	Principles of Biology	4	_____
ENGL 1013	Composition I	3	_____
FW 1001	Orientation to Fisheries and Wildlife Science	1	_____
MATH 1113	College Algebra	3	_____
SS 1XXX	Social Science Courses [1]	3	_____
	Hours	**14**	
Spring			
BIOL 2124	Principles of Zoology	4	_____
Select one of the following:		4	
CHEM 1113 & CHEM 1111	A Survey of Chemistry and Survey of Chemistry Laboratory		_____
CHEM 2124 & CHEM 2120	General Chemistry I and General Chemistry I Lab		_____
ECON 2003	Principles of Macroeconomics	3	_____
ENGL 1023	Composition II	3	_____
	Hours	**14**	
Sophomore			
Fall			
BIOL 2134	Principles of Botany	4	_____
CHEM 2204	Organic Physiological Chemistry	4	_____
FW 2013	Natural Resources Communications	3	_____
Select one of the following:		4-3	
Statistics [2]			_____
FW 3154	Mammalogy [3]		_____
	Hours	**15-14**	
Spring			
CM 1XXX	Communication [1]	3	_____
FW/GEOG 2833	Introduction to Geographic Information Systems	3	_____
FW 3114	Principles of Ecology	4	_____
Select one of the following:		3-4	
FW 3144	Ornithology [3]		_____
Statistics [2]			_____
USHG 1XXX	U.S. History and Government [1]	3	_____
	Hours	**16-17**	
Junior			
Fall			
Select one of the following:		4	

BIOL 4044	Dendrology		_____
Elective [4]			_____
Select one of the following:		4	
FW 4014	Forest Ecology and Management [3]		_____
FW 4064	Wetland Ecology and Management [3]		_____
Elective [4]			_____
Select one of the following:		3	
Statistics [2]			_____
Math [5]			_____
Elective [4]		3	
	Hours	**14**	
Spring			
Select one of the following:		4	
BIOL 3004	Plant Taxonomy [3]		_____
Elective [4]			_____
FAH 1XXX	Fine Arts and Humanities Courses [1]	3	_____
FW 3053	Fisheries and Wildlife Administration	3	_____
FW 4003	Principles of Wildlife Management	3	_____
Elective		4	
	Hours	**17**	
Senior			
Fall			
FW 4103	Human Dimensions of Fisheries and Wildlife Management [6]	3	_____
Elective [4,6]		12	
	Hours	**15**	
Spring			
FAH 1XXX	Fine Arts and Humanities Courses [1]	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	_____
Elective [4,6]		5	
	Hours	**15**	
	Total Hours	**120**	

1 See appropriate alternatives or substitutions in "General Education Requirements (https://catalog.atu.edu/undergraduate/general-education-requirements/)". One of the social sciences must be ECON 2003 Principles of Macroeconomics.

2 Statistics 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.

4 Must 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.

5 Must include one of the following courses: FW 3173 Biostatistics, STAT 2304 Programming Languages for Data Science, STAT 3113 Regression Analysis, STAT 4153 Experimental Design and Analysis or Calculus.

6 This 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.