

# WILDLIFE MANAGEMENT, BACHELOR OF SCIENCE (B.S.)

## Program Requirements

CIP Code: 03.0601

### Major

Code	Title	Hours
<b>University Graduation Requirements</b>		
General Education ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/</a> )		36
<i>Foundations of Learning</i>		
GSD 101	Foundations of Learning	3
Upper division courses (42 hrs. distributed throughout Major/Supporting/Gen Ed/Free Electives categories)		
<b>Major Requirements</b>		
<i>Core Courses</i>		
BIO 111 & 111L	Cell and Molecular Biology and Cell and Molecular Biology Lab	4
BIO 112 & 112L	Ecology and Evolution and Ecology and Evolution Lab	4
BIO 316	Ecology	4
BIO 318	General Botany	4
BIO 319	General Zoology	4
BIO 335	Plant Systematics	3
or BIO 536	Dendrology	
BIO 495	Evolutionary Application and Theory	1
BIO 532	Conservation Biology	3
BIO 557	Ichthyology	3
BIO 558	Freshwater Ecology	3
or BIO 561	Fish Biology and Management	
WLD 381	Principles of Wildlife Management	3
WLD 382	Wildlife Population Analysis	4
WLD 489	Wildlife Management Research and Writing	3
WLD 585	Wildlife Resource Policy and Administration	3
WLD 586	Wetland Wildlife Management	4
WLD 588	Fire Ecology and Management	1
<i>Supporting Course Requirements</i>		
AGR 215	Principles of Soils <sup>1</sup>	3
CHE 101 & 101L	Introductory Chemistry and Introductory Chemistry Lab (Element 4) <sup>G</sup>	
MAT 120	Trigonometry (Element 2) <sup>G</sup>	
or MAT 211	Applied Calculus	
or MAT 234	Calculus I	
GEO 210	Introduction to Physical Geography (Element 4) <sup>G</sup>	
GEO 353	Geographic Information Systems	3
STA 215	Introduction to Statistical Reasoning (Element 2) <sup>G</sup>	
or STA 270	Applied Statistics	
<b>Concentrations</b>		
Students must select at least one of the following Concentrations: <sup>2</sup> 15-16		
Game Management		
Conservation Management		

### Free Electives

Choose from 8-9 hours of free electives	8-9
<b>Total Hours</b>	<b>120</b>

<sup>1</sup> AGR 216 Principles of Soils Laboratory not required<sup>2</sup> Courses used for one concentration may not count toward another concentration.

G Course also satisfies a General Education element. Hours are included within the 36 hr. General Education requirement above.

## Conservation Management Concentration

Code	Title	Hours
<b>Concentration Courses</b>		
BIO 520	Invasive Species Management	3
Choose from two of the following:		6
BIO 553	Mammalogy	
BIO 554	Ornithology	
BIO 556	Herpetology	
Choose from two of the following:		6
GEO 325	Environment Land Use Planning	
GEO 453	Advanced GIS	
GEO 456	Remote Sensing	
WLD 587	Urban Wildlife Management	
<b>Total Hours</b>		<b>15</b>

## Game Management Concentration

Code	Title	Hours
<b>Concentration Courses</b>		
AGR 115	Operation of Agricultural Equipment	3
BIO 553	Mammalogy	3
BIO 554	Ornithology	3
WLD 583	Game Species Management	3
WLD 584	Upland Wildlife Management	4
<b>Total Hours</b>		<b>16</b>