

# WILDLIFE MANAGEMENT, BACHELOR OF SCIENCE WITH A CONCENTRATION IN CONSERVATION MANAGEMENT (B.S.)

## Program Requirements

CIP Code: 03.0601

### Summary Checklist for General Education

Code	Title	Hours
<b>Element 1</b>		
A:	Written Communication ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/</a> )	3
B:	Written Communication ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/</a> )	3
C:	Oral Communication ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/</a> )	3
<b>Element 2</b>		
	Quantitative Reasoning ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-2/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-2/</a> )	3
<b>Element 3</b>		
A:	Arts ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/</a> )	3
B:	Humanities ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/</a> )	3
<b>Element 4</b>		
	Natural Sciences ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-4/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-4/</a> )	6
<b>Element 5</b>		
A:	Historical Science ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/</a> )	3
B:	Social Behavioral Science ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/</a> )	3
<b>Element 6</b>		
	Diversity of Perspectives Experiences ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-6/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-6/</a> )	6
<b>Total Hours</b>		<b>36</b>

Students are expected to complete Elements 1 and 2 within their first 60 hours of college credit.

## Major

Code	Title	Hours
<b>University Graduation Requirements</b>		
General Education		36
<i>Student Success Seminar</i>		
SCO 100B	Student Success Seminar in Biology (waived for transfers with 30+ hrs.)	1
Upper division courses (42 hrs. distributed throughout Major/Supporting/Gen Ed/Free Electives categories)		
<b>Major Requirements</b>		
<i>Core Courses</i>		
BIO 111	Cell and Molecular Biology	4
BIO 112	Ecology and Evolution	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	Fisheries Biology	
WLD 381	Principles of Wildlife Management	3
WLD 382	Wildlife Population Analysis	4
WLD 489W	Wildlife 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>		
Game Management		
Conservation Management		15
<i>Free Electives</i>		
Choose from 11 hours of free electives		11
<b>Total Hours</b>		<b>120</b>

1

AGR 216 Principles of Soils Laboratory not required

2

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.

**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>