

CURRICULUM GUIDE

Wildlife Management, B.S. (Conservation Management Concentration) 2023-2024

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The schedule below is an **EXAMPLE** of how you can arrange your class schedule.
Please consult your advisor for specific changes that may need to be made.

	Fall Semester		Spring Semester	
Freshman Year	SCO 100B	1	BIO 111	4
	BIO 112	4	° MAT 120 <u>or</u> higher (fulfills Gen. Ed. 2)	3-4
	° CHE 101 (fulfills Gen. Ed. 4)	3	Gen. Ed. 1B (ENG 102)	3
	CHE 101L	1	Gen. Ed. 3A (Arts)	3
	° GEO 210 (fulfills Gen. Ed. 4)	3	Gen. Ed. 6 (Diversity)	3
	Gen. Ed. 1A (ENG 101)	3		
	TOTAL	15	TOTAL	16-17
Sophomore Year	AGR 215 (AGR 216 Lab not required)	3	BIO 316	4
	BIO 318	4	BIO 319	4
	GEO 353	3	‡ GEO 325 <u>or</u> 453	3
	STA 215 <u>or</u> 270	3-4	Gen. Ed. 6 (Diversity)	3
	Gen. Ed. 1C (Oral Comm.)	3		
	TOTAL	16-17	TOTAL	14
Junior Year	†♣ BIO 553 (fall only) <u>or</u> Gen. Ed. 5B (Soc. & Behav. Sci.)	3	BIO 335 (spring only) <u>or</u> Gen. Ed. 5A (History)	3
	WLD 381 (fall only)	3	BIO 532 (spring only)	3
	WLD 382 (fall only)	4	♣ BIO 558 <u>or</u> 561 (spring only)	3
	Gen. Ed. 5A (History) <u>or</u> BIO 536 (fall only)	3	BIO 554 <u>or</u> 556 (spring only) <u>or</u> Gen. Ed. 5B (Soc. & Behav. Sci.)	3
	Free Elective	2-4	♣ WLD 585 (spring only)	3
	TOTAL	15-17	TOTAL	15
Senior Year	BIO 495	1	BIO 520 (spring only)	3
	BIO 557 (fall only)	3	†BIO 554, <u>or</u> 556	3
	WLD 489	3	‡ GEO 325, 453, <u>or</u> WLD 587	3
	WLD 588 (fall only)	1	WLD 586 (spring only)	4
	Gen. Ed. 3B (Humanities)	3		
	Free Elective	3		
	TOTAL	14	TOTAL	13
TOTAL HOURS TO DEGREE COMPLETION				120

* **PREREQUISITES:** Consult with your advisor and/or the University catalog regarding prerequisites for upper division BIO and WLD courses. ENG 102 and/or 105; GEO 210; GLY 107, 108, 109, 172, and/or 304; MAT 105; STA 215 and/or 270; WLD 381 and/or 382.

♣ **500 Level Courses:** Approval to enroll in a 500-level course before a student has attained senior status (90 or more hours) requires approval from the dean of the college offering the course.

Upper division courses: All students are required to have a minimum of 42 hrs. upper division (300-level or above) courses distributed throughout Major/Supporting/Gen Ed/Free Electives categories.

Refer to the University Catalog at <http://www.catalogs.eku.edu/> regarding University and General Education Requirements.

Course Number	Course Name
GENERAL EDUCATION & UNIVERSITY REQUIREMENTS (37)	
SCO 100B	Student Success Seminar in Biology (1)
CORE COURSE REQUIREMENTS (51)	
BIO 111	Cell and Molecular Biology (4)
BIO 112	Ecology and Evolution (4)
BIO 316	Ecology (4)
BIO 318	Botany (4)
BIO 319	Zoology (4)
BIO 335 <u>or</u> BIO 536	Plant Systematics (3) (spring only) Dendrology (3) (fall only)
BIO 495	Evolutionary Application & Theory (1)
BIO 532	Conservation Biology (3) (spring only)
BIO 557	Ichthyology (3) (fall only)
BIO 558 <u>or</u> BIO 561	Freshwater Ecology (3) (spring only) Fisheries Biology (3) (spring only)
WLD 381	Principles of Wildlife Management (3) (fall only)
WLD 382	Wildlife Population Analysis (4) (fall only)
WLD 489	Wildlife Research & Writing (3)
WLD 585	Wildlife Resource Policy & Admin. (3) (spring only)
WLD 586	Wetland Wildlife Management (4)
WLD 588	Fire Ecology and Management (1) (fall only)
CONSERVATION MANAGEMENT CONCENTRATION REQUIREMENTS (15)	
BIO 520	Invasive Species Management (3)
†PLUS TWO (2) COURSES selected from:	
BIO 553	Mammalogy (3) (fall only)
BIO 554	Ornithology (3)
* BIO 556	Herpetology (3)
‡PLUS TWO (2) COURSES selected from:	
GEO 325	Environmental Land Use Planning (3)
GEO 453	Advanced Geographic Information Systems (3)
GEO 456	Remote Sensing (3)
WLD 587	Urban Wildlife Management (3)
SUPPORTING COURSE REQUIREMENTS (10-12)	
AGR 215	Principles of Soils (3)
{ ° CHE 101 CHE 101L	Introductory Chemistry I (3)
	Introductory Chemistry Lab I (1)
° MAT 120 <u>or</u> higher	Trigonometry (3)
° GEO 210	Intro. to Physical Geography (3)
* GEO 353	Geographic Information Systems (3)
° STA 215 <u>or</u> ° * STA 270	Intro. to Statistical Reasoning (3) Applied Statistics I (4)
Bracketed items must be taken concurrently.	
FREE ELECTIVES (5-7)	

° Denotes that 3 credit hours from this course are/can be applied to fulfill a Gen. Ed. requirement.