

CURRICULUM GUIDE
Wildlife Management, B.S. (Conservation Management Concentration)
2017-2018

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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	CHE 102 3
	^o CHE 101 (fulfills Gen. Ed. 4) 3	CHE 102L 1
	CHE 101L 1	^o GEO 210 (fulfills Gen. Ed. 4) 3
	^o MAT 120, 211, 234 <u>or</u> 234H (fulfills Gen. Ed. 2) 3-4	Gen. Ed. 1B (ENG 102) 3
	Gen. Ed. 1A (ENG 101) 3	Free Elective 0-1
	TOTAL 15-16	TOTAL 14-15
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. 3A (Arts) 3
	Gen. Ed. 1C (Oral Comm.) 3	Gen. Ed. 6 (Diversity) 3
	TOTAL 16-17	TOTAL 17
Junior Year	†‡ BIO 553, 554, <u>or</u> 556 3	BIO 335 3
	WLD 381 3	‡ BIO 558 <u>or</u> 561 3
	WLD 382 4	‡ WLD 585 3
	Gen. Ed. 5A (History) 3	Gen. Ed. 3B (Humanities) 3
	Gen. Ed. 6 (Diversity) 3	Gen. Ed. 5B (Soc. & Behav. Sci.) 3
	TOTAL 16	TOTAL 15
Senior Year	BIO 495 1	BIO 520 3
	BIO 532 3	†BIO 553, 554, <u>or</u> 556 3
	BIO 557 3	‡ GEO 325, 453, <u>or</u> WLD 587 3
	WLD 489W (ACCT) 3	WLD 586 4
	Free Elective 2-3	
	TOTAL 12-13	TOTAL 13
TOTAL HOURS TO DEGREE COMPLETION 120		

Course Number	Course Name
GENERAL EDUCATION & UNIVERSITY REQUIREMENTS (37)	
SCO 100B	Student Success Seminar in Biology (1)
CORE COURSE REQUIREMENTS (56)	
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	Plant Systematics (3)
BIO 495	Evolutionary Application & Theory (1)
BIO 532	Conservation Biology (3)
BIO 557	Ichthyology (3)
BIO 558 <u>or</u> BIO 561	Freshwater Ecology (3)
BIO 561	Fisheries Biology (3)
WLD 381	Principles of Wildlife Management (3)
WLD 382	Wildlife Population Analysis (4)
WLD 489W	Wildlife Research & Writing (3)
WLD 585	Wildlife Resource Policy & Admin. (3)
WLD 586	Wetland Wildlife Management (4)
†PLUS SIX (6) HOURS selected from:	
BIO 553	Mammalogy (3)
BIO 554	Ornithology (3)
* BIO 556	Herpetology (3)
CONSERVATION MANAGEMENT CONCENTRATION REQUIREMENTS (9)	
BIO 520	Invasive Species Management (3)
‡PLUS SIX (6) HOURS selected from:	
GEO 325	Environmental Land Use Planning (3)
GEO 453	Advanced Geographic Information Systems (3)
WLD 587	Urban Wildlife Management (3)
SUPPORTING COURSE REQUIREMENTS (14 -16)	
AGR 215	Principles of Soils (3)
[^o CHE 101	Introductory Chemistry I (3)
[CHE 101L	Introductory Chemistry Lab I (1)
[CHE 102	Introductory Chemistry II (3)
[CHE 102L	Introductory Chemistry Lab II (1)
^o MAT 120 <u>or</u>	Trigonometry (3)
^o * MAT 211 <u>or</u>	Calculus with App. for Science (3)
^o MAT 234 <u>or</u>	Calculus I (4)
^o MAT 234H	Honors Calculus I (4)
^o GEO 210	Intro. to Physical Geography (3)
* GEO 353	Geographic Information Systems (3)
^o STA 215 <u>or</u>	Intro. to Statistical Reasoning (3)
^o * STA 270	Applied Statistics I (4)
Bracketed items must be taken concurrently.	
FREE ELECTIVES (2-4)	

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

* **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.

‡ Due to variable course hour choices in the concentration requirements, marked free electives may also be variable. Consult with your advisor to ensure you have a minimum of 12 hours per semester to maintain full-time standing and 120 total credit hours for graduation.

‡ **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. All baccalaureate degree seeking students who enter the University are required to successfully complete one writing intensive course following completion of the ENG 102, ENG 105, or HON 102/103. Writing intensive courses are designated with the suffix "W" following the course prefix and number (e.g. HUM 300W).

Applied Critical & Creative Thinking (ACCT) Requirement: Wildlife Management majors will fulfill ACCT with one of the following: BIO 349, 514, WLD 489W or HON 420 with a program-approved thesis topic, a program-approved service-learning course, a program-approved undergraduate scholarly or creative activity, or a program-approved study abroad experience. (Credit hours are incorporated into program requirements.)