

CURRICULUM GUIDE

**Wildlife Management, B.S. (Conservation Management Concentration)
2019-2020**

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Department of Biological Sciences

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	Fall Semester	Spring Semester
Freshman Year	SCO 100B	BIO 111
	BIO 112	CHE 102
	⁶ CHE 101 (fulfills Gen. Ed. 4)	CHE 102L
	CHE 101L	⁶ MAT 120, 211, <u>or</u> 234 (fulfills Gen. Ed. 2)
	⁶ GEO 210 (fulfills Gen. Ed. 4)	Gen. Ed. 1B (ENG 102)
	Gen. Ed. 1A (ENG 101)	
TOTAL	15	TOTAL 14-15
Sophomore Year	AGR 215 (AGR 216 Lab not required)	BIO 316
	BIO 318	BIO 319
	GEO 353	‡ GEO 325 <u>or</u> 453
	STA 215 <u>or</u> 270	Gen. Ed. 3A (Arts)
	Gen. Ed. 1C (Oral Comm.)	Gen. Ed. 6 (Diversity)
	TOTAL	16-17
Junior Year	† ⁶ BIO 553, 554, <u>or</u> 556	BIO 335
	WLD 381	⁶ BIO 558 <u>or</u> 561
	WLD 382	⁶ WLD 585
	Gen. Ed. 5A (History)	Gen. Ed. 3B (Humanities)
	Gen. Ed. 6 (Diversity)	Gen. Ed. 5B (Soc. & Behav. Sci.)
	TOTAL	16
Senior Year	BIO 495	BIO 520
	BIO 532	†BIO 553, 554, <u>or</u> 556
	BIO 557	‡ GEO 325, 453, <u>or</u> WLD 587
	WLD 489W	WLD 586
	Free Elective	
	TOTAL	12-13
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>	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)
[⁶ 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)
⁶ MAT 120 <u>or</u>	Trigonometry (3)
⁶ * MAT 211 <u>or</u>	Calculus with App. for Science (3)
⁶ MAT 234 <u>or</u>	Calculus I (4)
⁶ GEO 210	Intro. to Physical Geography (3)
* GEO 353	Geographic Information Systems (3)
⁶ STA 215 <u>or</u>	Intro. to Statistical Reasoning (3)
⁶ * STA 270	Applied Statistics I (4)
Bracketed items must be taken concurrently.	
FREE ELECTIVES (2-4)	

⁶ Denotes that 3 credit hours from this course are/can be applied to fulfill a Gen. Ed. requirement.