



Department of Biological Sciences
College of Science, Technology, Engineering,
and Math (2025-26)

**Suggested Curriculum Guide for B.S. in Wildlife Management Conservation Management
Concentration**

Freshman (1st Semester) 17 hrs

GSD 101- Foundations in Learning	3
BIO 112/L- Ecology and Evolution/Lab	4
⁶ CHE 101 (<i>fulfills Gen. Ed. 4</i>)- Introductory Chemistry I	3
CHE 101L- Introductory Chemistry I Lab	1
⁶ GEO 210 (<i>fulfills Gen. Ed. 4</i>)	3
Gen. Ed. 1A (<i>ENG 101</i>)	3

Sophomore (1st Semester) 16-17 hrs

AGR 215 (<i>AGR 216 Lab not required</i>)- Principles of Soils	3
BIO 318- Botany	4
GEO 353- Geographic Information Systems	3
STA 215 <u>or</u> 270- Intro. to Statistical Reasoning <u>or</u> Applied Statistics	3-4
Gen. Ed. 1C (<i>Oral Comm.</i>)	3

Junior (1st Semester) 15-17 hrs

^{†*} BIO 553 (<i>fall only</i>) <u>or</u> Gen. Ed. 5B (<i>Soc. & Behav. Sci.</i>)- Mammalogy <u>or</u> Gen. Ed. 5B	3
Gen. Ed 3B Course 1	3
WLD 382 (<i>fall only</i>)- Wildlife Population Analysis	4
Gen. Ed. 5A (<i>History</i>) <u>or</u> BIO 536 (<i>fall only</i>)- Dendrology	3
Free Elective	2-4

Senior (1st Semester) 14 hrs

BIO 495- Evolutionary Theory and Application	1
BIO 557 (<i>fall only</i>)- Ichthyology	3
WLD 489 (<i>fall only</i>)- Wildlife Research & Writing	3
WLD 588 (<i>fall only</i>)- Fire Ecology and Management	1
Gen. Ed. 3B (<i>Humanities</i>) Course 2	3
Free Elective	3

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

Freshman (2nd Semester) 16-17 hrs

BIO 111/L- Cell and Molecular Biology/Lab	4
⁶ MAT 120 <u>or</u> higher (<i>fulfills Gen. Ed. 2</i>)- Trigonometry	3-4
Gen. Ed. 1B (<i>ENG 102</i>)	3
Gen. Ed. 3A (<i>Arts</i>)	3
Gen. Ed. 5B course 1	3

Sophomore (2nd Semester) 14 hrs

BIO 316- Ecology	4
BIO 319- Zoology	4
[‡] GEO 325 <u>or</u> 453- Environmental Land Use Planning <u>or</u> Advanced Geographic Information Systems	3
WLD 381 (<i>spring only</i>)- Principles of Wildlife Management	3

Junior (2nd Semester) 15 hrs

BIO 335 (<i>spring only</i>) <u>or</u> Gen. Ed. 5A (<i>History</i>)- Plant Systematics	3
BIO 532 (<i>spring only</i>)- Conservation Biology	3
[*] BIO 558 <u>or</u> 561 (<i>spring only</i>)- Freshwater Ecology <u>or</u> Fisheries Biology	3
BIO 554 <u>or</u> 556 (<i>spring only</i>) <u>or</u> Gen. Ed. 5B (<i>Soc. & Behav. Sci.</i>)- Ornithology <u>or</u> Herpetology	3
[*] WLD 585 (<i>spring only</i>)- Wildlife Resource Policy & Admin.	3

Senior (2nd Semester) 13 hrs

BIO 520 (<i>spring only</i>)- Invasive Species Management	3
[†] BIO 554, <u>or</u> 556- Ornithology <u>or</u> Herpetology	3
[‡] GEO 325, 453, <u>or</u> WLD 587- Environmental Land Use Planning, Advanced Geographic Information Systems, <u>or</u> Urban Wildlife Management	3
WLD 586 (<i>spring only</i>)- Wetland Wildlife Management	4

UNIVERSITY GRADUATION REQUIREMENTS.

General Education.

Foundations in Learning (GSD 101; waived for transfers with 30+ hrs).

39 hours

36 hours

3 hours

MAJOR REQUIREMENTS

Core Courses

BIO 111/111L, BIO 112/112L, BIO 316, BIO 318, BIO 319, BIO 335 or BIO 536, BIO 495, BIO 532, BIO 557, BIO 558 or BIO 561, WLD 381, WLD 382, WLD 489, WLD 585, WLD 586, WLD 588

51 hours

Concentration Requirements

BIO 520

15 hours

[†]PLUS TWO (2) COURSES selected from:

BIO 553, BIO 554, * BIO 556

[‡]PLUS TWO (2) COURSES selected from:

GEO 325, GEO 453, GEO 456, WLD 587

Supporting Course Requirements

AGR 215, ⁶CHE 101, CHE 101L, ⁶MAT 120 or higher, ⁶GEO 210, * GEO 353, ⁶STA 215 or ⁶* STA 270

10-12 hours

Free Electives

3-5 hours

Total Curriculum Requirements

120 hours

7.30.25