

WILDLIFE BIOLOGY PROGRAM

(STARTING FALL 2023) CURRICULUM — TERRESTRIAL OPTION

COURSE #	AUTUMN DESCRIPTION	CR	COURSE #	SPRING DESCRIPTION	CR
FRESHMAN					
BIOB 160N	Principles of Living Systems	3	CHMY 123	Organic & Biochemistry	4
BIOB 161N	Principles Living Systems Lab	1 ^A	CHMY 124	Organic & Biochemistry Lab	2
CHMY 121N	General Chemistry	4	M 162	Applied Calculus ²	4
WRIT 101	College Writing I ¹	3	COMX 111A	Introduction to Public Speaking	3
WILD 180	Careers in Wildlife Biology	2		Electives/General Education	<u>3</u>
	Electives/General Education	<u>3</u>			16
		16			

¹ Only students whose last names begin with the letters A-L can take WRIT 101 in the fall. Any students may take WRIT 101 in the spring. If M-Z, take COMX 111A during the autumn semester and WRIT 101 in the spring.

² Students should take the Math Placement Exam online at https://www.umt.edu/oss/for_students/mathplacement to determine which Math course is the appropriate place to start.

SOPHOMORE					
BIOB 260	Cell & Molecular Biology	4 ^A	BIOB 272	Genetics & Evolution	4 ^S
WILD 240	Biostatistics	3	WILD 274	Human Dimensions of Wildlife	3 ^S
	or			Intermediate Writing Course	3
STAT 216	Intro to Statistics	4		Electives/General Education	<u>6</u>
WILD 398	Experiential Learning ³	2			16
	Electives/General Education	<u>6</u>			
		15-16			

³ Wildlife Biology students have several options, see info at <https://www.cfc.umt.edu/wbio/undergraduate/degree-requirements.php>

JUNIOR					
BIOE 370/1	Ecology + Lab	5 ^A	WILD 370	Habitat Conservation	4
WILD 346	Wildlife Physiological Ecology	3 ^A	BIOO 335	Rocky Mtn Flora	3 ^S
NRSM 360	Rangeland Management	3 ^A		or	
	or		BIOO 320	General Botany	5 ^A
FOR 347	Multiple Resource Silviculture	3 ^S		Electives/General Education	<u>6</u>
Two of the following three courses:					13-15
BIOO 340	Biology/Mgmt Fishes	4 ^A			
or BIOO 475	Mammalogy	4 ^A			
or BIOO 470	Ornithology	<u>4^S</u>			
		15			

SENIOR					
WILD 470	Conservation Wildlife Populations	4	WILD 494	Senior Seminar	1
One of the following four courses:			One of the following five courses:		
NRSM 422	Nat Resource Policy & Admin	3	WILD 480	Upshot: Applied Wildlife Mgmt	3 ^S
or WILD 410	Wildlife Policy & Biopolitics	3 ^{odd S}	or BIOB 480	Conservation Genetics	3 ^S
or NRSM 427	Water Policy	3 ^{even A}	or BIOM 460	Ecology of Infectious Diseases	3 ^S
or NRSM 428	Climate Policy	3 ^{odd A}	or NRSM 379	Collab Natural Resource Dec Making	3 ^S
			or PTRM 300	Recreation Behavior	3 ^S
	Electives/General Education	<u>8</u>			
		15		Electives/General Education	<u>11</u>
					15

All courses offered both Autumn/Spring except where indicated with (A) Autumn or (S) Spring.

All courses (except WILD 494 and WILD 398) must be taken for traditional letter grade

Recommended Courses: BIOO 105N Introduction to Botany; WILD 230 Conservation Science; FORS 250 Intro to GIS for Forest Mgmt; BIOE 406 Behavior & Evolution; BIOB 435 Comparative Animal Physiology; WILD 472 Wildlife Handling & Chem Immobilization; WILD 280 Fisheries Techniques

Minimum of 120 credits including 39 upper division courses (300/400 level) and minimum cumulative GPA of 2.5 are required for graduation.