

**Min. cumulative
GPA 2.5
required for
graduation**

**WILDLIFE BIOLOGY PROGRAM
2018-2019 CURRICULUM - Terrestrial Option**

AUTUMN			SPRING		
COURSE #	DESCRIPTION	CR	COURSE #	DESCRIPTION	CR
FRESHMAN					
BIOB 160	Principles of Living Systems	3	CHMY 123	Organic & Biochemistry	3
BIOB 161	Principles of Living Systems Lab	1 ^A	CHMY 124	Organic & Biochemistry Lab	2
CHMY 121	General Chemistry	3	COMX 111A	Introduction to Public Speaking	3
WRIT 101	College Writing I ¹	3	M 162	Applied Calculus ²	4
WILD 180	Careers in Wildlife Biology	2	Electives/General Education		<u>3-5</u>
Electives/General Education		<u>0-2</u>			15-17
		14-16			

¹Only 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.

²Students should take the Math Placement Exam online (http://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
STAT 216	Statistics	4	BIOO 335	Rocky Mountain Flora	3 ^S
	or			Intermediate Writing Course	3
WILD 240	Intro to Biostatistics/Honors	3 ^S	Electives/General Education		<u>3-6</u>
Experiential Learning ³		2			13-15
Electives/General Education		<u>3-5</u>			
		12-15			

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

JUNIOR

BIOE 370	General Ecology	3 ^A	WILD 370	Wildlife Habitat Conservation & Mgmt	4
BIOE 371	General Ecology Lab	2 ^A	NRSM 360	Rangeland Management	3 ^A
WILD 346	Wildlife Physiological Ecology	3 ^A		or	
Electives/General Education		<u>6</u>	FORS 347	Multiple Resource Silviculture	3 ^S
		14	Electives/General Education		<u>6-8</u>
					16-18

SENIOR

Two of the following three courses:

BIOO 340	Biology & Mgmt of Fishes	4 ^A	WILD 480	Upshot: Applied Wildlife Management*	3 ^S
or BIOO 475	Mammalogy	4 ^A	WILD 494	Senior Seminar	1
or BIOO 470	Ornithology	4 ^S	NRSM 422	Natural Resources Policy & Admin**	3
Electives/General Education			Electives/General Education		<u>6-8</u>
WILD 470	Conservation of Wildlife Pop	4			13-15
		<u>6-8</u>			
		14-16			

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

**Allowable substitutions: BIOB 480 Conservation Genetics-spring, WILD 491 Ecology of Infectious Diseases-spring, NRSM 379 Collab in Nat Res Decision Making- spring, PTRM 300 Recreation Behavior (with prerequisite waiver)- spring

Recommended Courses: BIOO 105N Introduction to Botany; WILD 230 Conservation Science; GPHY 284 GIS & Cartography; BIOE 406 Behavior & Evolution; BIOL 435 Comparative Animal Physiology; WILD 472 Wildlife Handling & Chem Immobilization

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