

# WILDLIFE BIOLOGY PROGRAM

## 2017-2018 CURRICULUM- TERRESTRIAL OPTION

Min. 2.5 GPA  
for graduation

COURSE #	AUTUMN DESCRIPTION	CR	COURSE #	SPRING DESCRIPTION	CR
<b>FRESHMAN</b>					

BIOB 160	Principles of Living Systems	3 <sup>A</sup>	CHMY 123	Organic & Biochemistry	3
BIOB 161	Principles of Living Systems Lab	1 <sup>A</sup>	CHMY 124	Organic & Biochemistry Lab	2
CHMY 121	General Chemistry	3	Electives/General Education		<u>7-9</u>
WRIT 101	College Writing I	3			12-14
WILD 180	Careers in Wildlife Biology	2			
M 162	Applied Calculus <sup>1</sup>	4			
Electives/General Education		<u>0-2</u>			
		16-18			

<sup>1</sup>Students should take the Math Placement Exam online ([http://www.umd.edu/oss/for\\_students/mathplacement/](http://www.umd.edu/oss/for_students/mathplacement/)) to determine which Math course is the appropriate place to start.

### SOPHOMORE

BIOB 260	Cell & Molecular Biology	4 <sup>A</sup>	BIOB 272	Genetics & Evolution	4 <sup>S</sup>
STAT 216	Statistics	4	BIOO 335	Rocky Mountain Flora	3 <sup>S</sup>
	<b>or</b>		WRIT 201	College Writing II	3
WILD 240	Intro to Biostatistics/Honors	3 <sup>S</sup>	COMX 111A	Introduction to Public Speaking	3
Experiential Learning <sup>2</sup>		2	Electives/General Education		<u>2-5</u>
Electives/General Education		<u>3-5</u>			15-18
		16-18			

<sup>2</sup>Wildlife Biology students have several options, see info at <https://www.cfc.umd.edu/wbio/undergraduate/degree-requirements.php>

### JUNIOR

BIOE 370	General Ecology	3 <sup>A</sup>	BIOO 470	Ornithology*	4 <sup>S</sup>
BIOE 371	General Ecology Lab	2 <sup>A</sup>	WILD 370	Wildlife Habitat Conservation & Mgmt	4
WILD 346	Wildlife Physiological Ecology	3 <sup>A</sup>	NRSM 360	Rangeland Management	3 <sup>A</sup>
Electives/General Education		<u>5</u>		<b>or</b>	
		13	FORS 347	Multiple Resource Silviculture	3 <sup>S</sup>
			Electives/General Education		<u>5-7</u>
					16-18

### SENIOR

BIOO 340	Biology & Mgmt of Fishes*	4 <sup>A</sup>	WILD 480	Upshot: Applied Wildlife Management**	3
BIOO 475	Mammalogy*	4 <sup>A</sup>	WILD 494	Senior Seminar	1
WILD 470	Conservation of Wildlife Pop	4	Electives/General Education		<u>9-11</u>
NRSM 422***	Natural Resources Policy & Admin	3			13-15
	Electives/General Education	<u>2-4</u>			
		17-19			

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

\*Two out of three required [[BIOO 470](#), [BIOO 475](#), [BIOO 340](#)]

\*\*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

\*\*\*Allowable substitution: [NRSM 427](#) Advanced Water Policy – 3 credits- 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.