MILLERSVILLE UNIVERSITY

nt Name:	Student ID #							
BIOL	MAJOR REQUIREMENTS FOR A BS DEGREE IN BIOLOGY : ANIMAL BEHAVIOR							
ANBE	Total credit hours required: 120.0 minimum							
REQUIREMEN	ITS AND POLICIES FOR THE BS BIOLOGY MAJOR							
 REQUIREMENTS AND POLICIES FOR THE BS BIOLOGY MAJOR A Policies for Admission to the Major New students (freshmen and transfers) must be admitted to the Biology major by the Office of Admissions upon admission to the University. Admission of Millersville University students to the Biology major (from other departments or und clared status) requires that the student is in satisfactory academic standing as described in the Undergraduate catalog. Students who were dropped from a Biology major also must satisfy the Biology Retention in the Major criteria before being readmitted to a Biology major. Non-degree and continuing education students must be admitted to the Biology major by the Office of Admissions. B Policies for Retention in the Major University requirements for retention must be met. All Biology majors must earn grades of C- (C minus) or higher in all core courses (BIOL 101, 211 221, 343, 362, 364) required for their option. The requirements stated above must be satisfied before completion of 90 Millersville University credit hours. Millersville University students changing majors, or Biology majors changing options within the Biology major, must satisfy the above requirements prior to completion of 45 additional Millersville University credit hours. Note: Students who desire to change their major to Biology major may substitute BIOL 100 for BIOL 101 if they earn a grade of B- (B minus) or higher in thi course. Transfer students with 60 credit hours or more must satisfy the above requirements prior to completion of 45 Millersville University credit hours. Transfer students with 60 credit hours. Transfer students with fewer than 60 credit should refer to the policy for all other majors (part 3 above). Any students failing to meet the abov								
	BS BIOL ANBE REQUIREMEN REQUIREMEN ies for Admission to New students (freshm Office of Admissions of Admission of Millersvi clared status) requires Undergraduate catalo Biology Retention in th Non-degree and conti by the Office of Admis ies for Retention in University requirement All Biology majors mut 221, 343, 362, 364) re The requirements stat credit hours. Millersville University Biology major, must sa Millersville University must refer to the Biolo major may substitute course. Transfer students with completion of 45 Mille should refer to the pol Any students failing to Students who wish to ies for Completion of Completion of all Univ ENGL 312, Technical							

Note to the student: This form is provided as a guide. It is your responsibility to consult regularly with your advisor to be aware of changes and curriculum details which are not incorporated on this form.

MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: BS BIOLOGY

Option: **ANIMAL BEHAVIOR** Major Field Requirements: **46.0 credits**

Other Requirements: 34.0-37.0credits

When applicable, required related courses may be credited toward the Liberal Arts Core, subject to normal substitution rules.

Course N	0.	Short Title	C.H.	Grade	Course N	0.	Short Title	C.H.	Grade
REQUIRED BIOLOGY COURSES (24.0 credits)					REQUIRED RELATED (34.0 - 37.0 credits)				
							(16.0 credits)		
BIOL BIOL		Foundations of Biology	4.0 4.0				Introductory Chemistry I	4.0	
BIOL		Concepts of Zoology Concepts of Botany	4.0 4.0	<u> </u>			Introductory Chemistry II	4.0	
BIOL		Ecology & Evolution	4.0		CHEM	235	Short Course Organic Chen	nistry 4.0	
BIOL		Cell & Development	4.0		СНЕМ	326	Biochemistry I	4.0	
BIOL		Genetics & Molecular Biology			OR				
	001	eeneree a mereedaar Biolog.	y 1.0		CHEM	375	Environmental Chemistry	4.0	
REQUIRED ANIMAL BEHAVIOR COURSES (11.0-14.0 credits)				Note: Students aiming for Veterinary Schools should take CHEM					
Foundations (10.0 credits)					231 and CHEM 232 in lieu of CHEM 235, and should take CHEM				
BIOL 385 Principles of Animal Behavior 3.0				326 rather than CHEM 375.					
BIOL	484	Mechanisms of An. Behavior	3.0						
OR			0.0		Mather	natic	s (4.0-5.0 credits)		
BIOL		Animal Physiology	3.0				Calculus for Management	4.0	
					OR		0		
BIOL		Behavioral Ecology	3.0		MATH	161	Calculus I	4.0	
BIOL		Applied Ethology	3.0		OR				
BIOL	403	Applied Ethology	3.0		MATH	163	Honors Calculus	5.0	
BIOL	472	Seminar on Animal Behavior	1.0						
Practic	al Exn	erience in Animal Behavior (1.0)-4 0 crec	lite)	Statist	ics (3	3.0 credits)		
		with your advisor, select a Co-or			BIOL	375	Biometry	3.0	
		ect in animal behavior.	,	np, or	OR		-		
BIOL		400 or 500 Co-op	3.0			235	Survey of Statistics	3.0	
BIOL	489	Honors Independent Study	1.0-4.0)	OR				
BIOL		Independent Study in Biology			PSYC	211	Statistics & Exper Design I	3.0	
BIOL	499	Honors Thesis in Biology	1.0-4.0)					
BEOLU						s (8.)	0 - 10.0 credits)		
1		ELECTIVES (9.0-11.0 credits		- f		•		4.0	
In consultation with your advisor, select additional courses from Foundations, above, or from the list below that will best prepare			PHYS PHYS	131	, .	4.0			
		rea of interest in animal behavior.		repare	ГПТЗ	132	Physics II with Algebra	4.0	
ļ	·				PHYS	231	_	5.0	
-		sed Biology			PHYS			5.0	
BIOL		Marine Invertebrates	3.0			202		0.0	
BIOL BIOL		Ornithology	3.0 3.0		Dura		(2,0) are diff.		
BIOL		Ichthyology Mammology	3.0 3.0				(3.0 credits)	2.0	
BIOL		Entomology	3.0		PSCI	100	General Pyschology	3.0	
BIOL		Aquatic Entomology	3.0						
	110	, iquallo Entomology	0.0						
Mechanisms of Behavior				Note: Students may consider completing a minor in Pyschology. Particularly appropriate courses for biology majors include the					
BIOL 318 Compar Vertebrate Anatomy 4.0					SYC 216, PSYC 315 and PSYC				
BIOL		Nutritional Science	3.0			g		010.	
BIOL	437	Endocrinology	3.0				ote: Students interested in Veter	inary Scho	ool should
BIOL	438	Neurobiology	3.0		also tak	ke BIC	DL 461 General Microbiology.		
1	Other Relevant Electives								
BIOL		Plant-Insect Interactions	3.0						
BIOL	443	Conservation Biology	3.0						