

MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: **BS BIOLOGY**
 Option: **ANIMAL BEHAVIOR**
 Major Field Requirements: **46.0 credits**
 Other Requirements: **31-38 credits**

When applicable, up to six of the **REQUIRED RELATED** courses may be credited toward the Liberal Arts Core subject to normal distribution rules.

Course No.	Short Title	C.H.	Grade	Q.P.	Course No.	Short Title	C.H.	Grade	Q.P.
REQUIRED BIOLOGY COURSES (24.0 credits)					REQUIRED RELATED (31.0-38.0)				
BIOL 101	Foundations of Biology	4.0	_____	_____	Chemistry (16-20 credits)				
BIOL 211	Concepts of Zoology	4.0	_____	_____	CHEM 111	Intro to Chem I	4.0	_____	_____
BIOL 221	Concepts of Botany	4.0	_____	_____	CHEM 112	Intro to Chem II	4.0	_____	_____
BIOL 343	Ecology & Evolution	4.0	_____	_____	CHEM 235	Organic Chemistry	4.0	_____	_____
BIOL 362	Cell & Development	4.0	_____	_____	NOTE: CHEM 231 & 232 (total of 8 credits) may substitute for CHEM 235 (4 credits)				
BIOL 364	Gen & Molec Biology	4.0	_____	_____	CHEM 326	Biochemistry I	4.0	_____	_____
REQUIRED ANIMAL BEHAVIOR COURSES (7.0-8.0 credits)					NOTE: Those wishing to complete a Chemistry minor must complete CHEM 265 (Quantitative Analysis) in addition to those Chemistry courses listed above.				
BIOL 485	Animal Behavior	3.0	_____	_____	Mathematics (7.0-8.0 credits)				
BIOL 438	Neurobiology	3.0	_____	_____	MATH 151	Calculus for Mgmt, Life, or Ssci	4.0	_____	_____
BIOL 472	Seminar in Biology	1.0	_____	_____	MATH 161	Calculus I	4.0	_____	_____
REQUIRED ELECTIVES (6 Credits)					MATH 163	Honors Calculus	5.0	_____	_____
In consultation with your advisor, select courses from the following lists that will best prepare you for your area of interest in behavior.					AND				
Organism-Based Biology (3 Credits)					BIOL 375	Biometry	3.0	_____	_____
BIOL 295	Marine Inverts	3.0	_____	_____	or				
BIOL 316	Invertebrate Zoology	3.0	_____	_____	MATH 235	Survey of Stats	3.0	_____	_____
BIOL 346	Ornithology	3.0	_____	_____	or				
BIOL 396	Marine Ichthyology	3.0	_____	_____	PSYC 211	Stats & Exp Design	3.0	_____	_____
BIOL 415	Mammology	3.0	_____	_____	Physics (8.0 - 10.0 credits)				
BIOL 416	Entomology	3.0	_____	_____	PHYS 131	Physics I with Algebra	4.0	_____	_____
BIOL 471	Topics: Biol-Marine Mam	3.0	_____	_____	PHYS 132	Physics II with Algebra	4.0	_____	_____
Practical Experience in Animal Behavior (3 credits)					or				
In consultation with your advisor, select a coop, internship, or research project that will give you hands-on experience in animal behavior.					PHYS 231	Physics I with Calc	5.0	_____	_____
BIOL 300	400, or 500 Coop	3.0	_____	_____	PHYS 232	Physics II with Calc	5.0	_____	_____
BIOL 489	Honors Independent Study	1.0-4.0	_____	_____	NOTE: Students are encouraged to take PSYC 100 as G3 elective and to consider completing a minor in Psychology.				
BIOL 498	Independent Study in BIOL	1.0-3.0	_____	_____	General Electives (as necessary)				
BIOL 499	Honors Thesis in BIOL	1.0-4.0	_____	_____	_____	_____	_____	_____	_____
OTHER ELECTIVES (9 credits)					_____	_____	_____	_____	_____
In consultation with your advisor, choose additional courses (including coops or internships) that would count towards a biology major to bring total major field credits to 46 credits.					_____	_____	_____	_____	_____
BIOL _____	_____	_____	_____	_____	_____	_____	_____	_____	_____
BIOL _____	_____	_____	_____	_____	_____	_____	_____	_____	_____
BIOL _____	_____	_____	_____	_____	_____	_____	_____	_____	_____