

ZOOLOGY B.S.

All students must meet the University Requirements. (<http://catalogue.uvm.edu/undergraduate/academicinfo/degreerequirements/>)

All students must meet the College Requirements. (<http://catalogue.uvm.edu/undergraduate/artsandsciences/#requirements-text>)

MAJOR REQUIREMENTS

CORE REQUIREMENTS		
Choose 1 of the following options:		4-8
Option A (recommended)		
BCOR 011 & BCOR 012	Exploring Biology and Exploring Biology	
Option B		
BCOR 021	Accelerated Biology	
Option C		
BIOL 001 & BIOL 002	Principles of Biology and Principles of Biology	
BCOR 101	Genetics	3
Choose 1 of the following:		4
BCOR 102	SU:Ecology and Evolution	
BCOR 103	Molecular and Cell Biology	
ANCILLARY REQUIREMENTS		
Chemistry: to be taken in the first year if possible:		
CHEM 031	General Chemistry 1	4
CHEM 032	General Chemistry 2	4
CHEM 141	Organic Chemistry 1	4
CHEM 142	Organic Chemistry 2	4
Choose 1 of the following Math courses:		3-4
MATH 019	QR: Fundamentals of Calculus I	
MATH 021	QR: Calculus I	
At least 15 additional credits in quantitative disciplines from the following list. No more than 3 credits in GEOG can be counted toward this requirement.		15

CS 020, CS 021, CS 064, CS 087, CS 110, CS 120, CS 124, CS 125, CS 204, CS 224, CS 225, CS 237, CS 287, CS 288, GEOG 184, GEOG 185, GEOG 287, GEOL 185, MATH 020, MATH 022, MATH 023, MATH 052, MATH 121, MATH 122, MATH 124, MATH 141, MATH 151, MATH 173, MATH 230, MATH 235, MATH 237, MATH 268, PHYS 011, PHYS 012, PHYS 021, PHYS 022, PHYS 031, PHYS 044, PHYS 051, PHYS 125, PHYS 128, PHYS 152, PHYS 202, PHYS 211, PHYS 213, PHYS 214, PHYS 222, PHYS 256, PHYS 264, PHYS 265, STAT 141, STAT 143, STAT 151, STAT 183, STAT 200, STAT 201, STAT 211, STAT 221, STAT 223, STAT 224, STAT 229, STAT 231, STAT 235, STAT 241, STAT 251, STAT 261, STAT 287, STAT 288	
Note: Most professional schools (e.g., medicine, dentistry, veterinary, physical therapy) require the equivalent of PHYS 012 & PHYS 022 or PHYS 152.	
ADVANCED ELECTIVES	
At least 27 additional credits in zoology or related fields. BCOR 102 or BCOR 103 (whichever was not taken to count for the core requirement) may be applied to the 27 credits. Up to 6 credits of undergraduate research and/or thesis credits in any zoological discipline may be applied to the 27 credits. Up to 8 credits of 100-level courses in the list below may be applied to the 27 credits. Special topics courses of the 295 designation may be applied by approval on a case-by-case basis. Choose from Categories A and B in consultation with your academic advisor. A maximum of 8 credits from Category B may be applied to the major.	27
Category A (recommended courses in topics relevant to animal biology)	
BCOR 102, BCOR 103, BIOL 119, BIOL 188, BIOL 199, BIOL 204, BIOL 205, BIOL 209, BIOL 210, BIOL 217, BIOL 219, BIOL 223, BIOL 242, BIOL 254, BIOL 255, BIOL 256, BIOL 261, BIOL 264, BIOL 265, BIOL 266, BIOL 269, BIOL 270, BIOL 271, BIOL 274, BIOL 276, BIOL 277, BIOL 280, ANTH 140, ANTH 240, PSYS 215, ASCI 141, ASCI 171, ASCI 215, ASCI 216, ASCI 217, ASCI 220, ASCI 272, MMG 223, WFB 130, WFB 131, WFB 141, WFB 224, WFB 232, WFB 275, WFB 283	
Category B (other eligible courses)	
BIOL 256, BIOL 261, BIOL 265, BIOL 280, PBIO 223, PBIO 294, MMG 201, MMG 205, MMG 206, MMG 207, MMG 220, MMG 222, MMG 225, MMG 230, MMG 232, MMG 233, NR 228, NR 250, BIOC 205, BIOC 206, BIOC 207	