

Department of Biology Graduation Checklist

LD= _____ Student: _____
 UD= _____ Last First
 Advisor: _____

BACHELOR OF SCIENCE IN BIOLOGY: CONCENTRATION IN ZOOLOGY

		Units	✓	Equiv. Form if any (✓)
Lower Division Requirements (34-35 units)				
BIOL 230	Introductory Biology I	5		
BIOL 240	Introductory Biology II	5		
CHEM 115	General Chemistry I: Essential Concepts of Chemistry	5		
CHEM 130	General Organic Chemistry	3		

Four of the following five courses (16-17):

CHEM 215/216	General Chemistry II: Quantitative Appl. of Chem. Concepts (3/2)			
MATH 226	Calculus I (4)			
MATH 227	Calculus II (4)			
PHYS 111/112	General Physics I and Laboratory (3/1)			
PHYS 121/122	General Physics II and Laboratory (3/1)			

Total lower division requirements:..... 34-35

Upper Division Requirements (32-33 units)

BIOL 337	Evolution	3		
BIOL 355	Genetics	3		
BIOL 458	Biometry	4		

One course from the following (3):

BIOL 630	Animal Physiology (3)			
BIOL 612	Human Physiology (3)			

One course from the following (3-4):

BIOL 350	Cell Biology (3)			
BIOL 357	Molecular Genetics (3)			
BIOL 380	Comparative Embryology (3)			
BIOL 382	Developmental Biology (3)			
BIOL 453	General Parasitology (3)			
BIOL 600	General Animal Behavior (4)			
BIOL 620	Endocrinology (3)			
BIOL 621	Reproductive Physiology (3)			

One course from the following (3-4):

BIOL 482	Animal Ecology (4)			
BIOL 580	Limnology (3)			
BIOL 582	Biological Oceanography (3)			
BIOL 585	Marine Ecology (4)			

Upon advisement, at least one course focused on the taxonomy or whole organism biology of an invertebrate or vertebrate..... 3-4

BIOL 450	Biology of the Protozoa (3)			
BIOL 459	Arthropod Biology (4)			
BIOL 460	General Entomology (4)			
BIOL 461	Insect Taxonomy (4)			
BIOL 464	Medical Entomology (3)			
BIOL 475	Herpetology (3)			
BIOL 478	Ornithology (4)			
BIOL 480	Mammalogy (4)			
BIOL 555	Marine Invertebrate Zoology (4)			
BIOL 570	Biology of Fishes (4)			

Upon advisement, electives from the alternates not used in fulfilling the requirements listed above or any other upper division undergraduate biology courses not specifically excluded for majors credit, or any graduate course in biology:..... 7-11

	Required	Completed
Total upper division requirements:	32-33	_____
Total units for major	67	_____