

Department of Biology Graduation Checklist

LD= _____ Student: _____ E-mail _____
 UD= _____ Last First
 Advisor: _____

BACHELOR OF SCIENCE IN BIOLOGY: CONCENTRATION IN MICROBIOLOGY

Lower Division Requirements (35-36 units)		Units	✓	Equiv. Form if any (✓)
BIOL 230	Introductory Biology I	5		
BIOL 240	Introductory Biology II	5		
CHEM 115	General Chemistry I: Essential Concepts of Chemistry	5		
CHEM 215/216	General Chemistry II: Quantitative Appl. of Chem. Concepts (3-2)	5		
MATH 226	Calculus I	4		

Units selected from the following (3-4):

MATH 124	Elementary Statistics (3)			
MATH 227	Calculus II (4)			
MATH 228	Calculus III (4)			
CSC 210	Intro to Computer Programming (3)			
BIOL 458	Biometry (4)			

PHYS 111/112	General Physics I and Laboratory (3/1)	4		
PHYS 121/122	General Physics II and Laboratory (3/1)	4		

Total lower division requirements:..... 35-36

Upper Division Requirements (33 units)

BIOL 355	Genetics	3		
BIOL 401/402	General Microbiology and Laboratory (3/2)	5		
BIOL 442/443	Microbial Physiology and Laboratory (3/2)	5		
CHEM 333	Organic Chemistry I	3		
CHEM 335	Organic Chemistry II	3		

Units selected from the following (3):

CHEM 340	Biochemistry I (3)			
CHEM 349	General Biochemistry (3)			

Electives (i.e., BIOL 411-454) including at least two laboratory courses with approval of an advisor (11)

Course Num.	Course Title	Units

Total upper division requirements:	Required 33	Completed _____
Total units for major	68-69	_____