

College of Letters and Science

## Microbiology Minor 23 credit min

**Effective for Spring 2013** 

Course pre-requisites are in parentheses
C/ means concurrent enrollment allowed
(F= Fall term only, S= Spring term only, B= Both Fall and Spring terms)

Required Courses	
BIO 105 B Biological Concepts  OR	(4)
BIO 108 F Honors: Concepts in Bio	(5)
BIO 323 B Intro Molecular and Cell Bio	(3)
(BIO 105, CHEM 105 and/or c/enrollmer	
in CHEM 106,OR CHEM 101, 102 w/B)	<i>(</i> -)
BIO 309 B Bacteriology (NS) (BIO 105)	(5)
Electives (11 credits to include at least 1 lab only course)	
BIO 312 S Medical Bacteriology Lectur	(2)
(BIO 309, 341 C/312)	
BIO 315 S Virology (BIO 323)	(3)
BIO 321 F Mycology (NS) (1 term gen bio)	(3)
BIO 327 F Microbial Ecology	(3)
(BIO 231 OR 233 OR 309)	
BIO 339 S Public Health & Food Micro (NS) (BIO 309)	(3)
BIO 341 F Immunology (BIO323)	(3)
BIO 343 B Genetics (BIO 323)	(4)
BIO 350 F Electron Microscopy (NS)	(4)
BIO 354 S Parasitology (NS) (BIO 230)	(3)
BIO 375 F Microbial Genetics (BIO 309, 343)	(3)
BIO 389 S Principles of Biotechnology	(2)
BIO 450 F Microbial Physiology(NS)(BIO 309	)(5)
BIO 313 S Med Bacteriology Lab (NS)	(2)
(BIO 309, 341, C/312)	
	(4)
BIO 374 F Cell/Immunology Lab (NS)	(3)
BIO 377 F Microbial Genetics Lab (NS)	(2)
(BIO 309, 375)	(2)
BIO 390 S* Biotechnology Lab (NS) (BIO309) S* = Spring odd years.	(2)
<b>NOTE:</b> Electives used to fulfill a Biology minor may NOT also be	

counted toward a microbiology major or minor.

Approved: November 2011 Printed: February 2013

Must also meet General Education and Degree Requirements to earn BS Degree.