



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 (4) ____

OR

BIO 108 F Honors: Concepts in Bio (5) ____

BIO 323 B Intro Molecular and Cell Bio (3) ____

(BIO 105, CHEM 105 and/or c/enrollment
in CHEM 106, OR CHEM 101, 102 w/B)

BIO 309 B Bacteriology (NS) (BIO 105) (5) ____

Select 1 Lab course from the following:

BIO 313 S Med Bacteriology Lab (NS) (2) ____

(BIO 309, 341, C/312)

BIO 350 F Electron Microscopy (NS) (4) ____

BIO 374 F Cell/Immunology Lab (NS) (3) ____

BIO 377 F Microbial Genetics Lab (NS) (2) ____

(BIO 309, 375)

BIO 390 S* Biotechnology Lab (NS) (BIO309) (2) ____

Electives (11 credits. May include 1 additional lab only course from above list)

BIO 312 S Medical Bacteriology Lecture (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) (3) ____

(BIO 309)

BIO 341 F Immunology (BIO323) (3) ____

BIO 343 B Genetics (BIO 323) (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) ____

S* = Spring odd years.

NOTE: Electives used to fulfill a Biology minor may NOT also be counted toward a microbiology major or minor.

Approved: November 2011

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