

BS MICROBIOLOGY

2009-2011

updated 06.15.09

Units Required 180

NAME _____
 STUDENT ID _____
 MINOR _____

DEGREE DATE	Earned Hours	Quality Hours	Quality Points	GPA
Transfer				
Cal Poly				
Transcript Totals				
	<= Units that are NOT Degree Applicable			
	<= Degree Applicable Units			

Major GPA at least 2.00 _____ [] YES [] NO
 US Cultural Pluralism Met++ [] YES [] NO
 60 Units Upper Division Met Taken/Remaining [] YES [] NO
 GWR Met [] YES [] NO
 Upper Div GE Met Taken/Remaining [] YES [] NO
 Free Electives Met [] YES [] NO

* = Courses satisfy GE requirement
 Note: No Major or Support courses may be taken Credit/NoCredit.

MAJOR COURSES (69)	Units	Grade	GrdPts
BIO 160 Diversity & the History of Life	4		
BIO 161 Intro Cellular & Molecular Biology (B2&B4)*	4		
BIO 263 Intro Ecology & Evolution	4		
BIO 351 Principles of Genetics	5		
BIO/ZOO 426 Immunology	4		
BIO 452 Cell Biology	4		
MCRO 224 Gen. Microbio. I (B3&B4)*	5		
MCRO 225 General Microbiology II	5		
MCRO 402 General Virology	4		
MCRO 423 Medical Microbiology	5		
MCRO 424 Microbial Physiology	5		
BIO 461 or BIO 462	2		
¹ Advisor approved electives	18		

²SUPPORT COURSES (47)

CHEM 127 General Chemistry I (B3&B4)*	4
CHEM 128 General Chemistry II	4
CHEM 129 General Chemistry III	4
³ CHEM 316 Intro Organic Chemistry I	5
³ CHEM 317 Intro Organic Chemistry II	5
⁴ CHEM 371 Biochemical Principles	5
MATH 161 Calc for Life Sci I (B1)*	4
PHYS 121 College Physics I (B3&B4)	4
PHYS 122 College Physics II (B3&B4)	4
PHYS 123 College Physics III	4
STAT 218 Appl Stats-Life Sci (B1)*	4

¹ To be pre-approved by consultation with the student's major advisor; advisor approved elective form required. Limited to a total of 4 units from BIO 400, 450, 462. At least 10 units must be upper division.
² Students planning to attend graduate or professional schools are strongly advised to meet with their advisors to ensure they meet necessary prerequisites for entry into these programs. Additional courses in math and chemistry may be necessary.
³ Or transfer equivalent to CHEM 217 or 218.
⁴ CHEM 313 may be substituted, with advisor approval, for students not planning to pursue graduate school or a health professions career.

GENERAL EDUCATION (GE) 56

72 units required; 16 of which are specified in Major/Support.
 →Minimum of 12 units required at the 300 level.

Area A Communication	12
A1 ENGL 133/134	4
A2 COMS 101/102	4
A3 Reason, Argu, & Writ	4
Area B Science and Mathematics (no add'l units req'd)	0
Area C Arts and Humanities	20
C1 Literature	4
C2 PHIL 230/231	4
C3 Fine/Performing Arts	4
C4 Upper-division elective	4
C1-C4 elective	4
Area D/E Society and the Individual	20
D1 Amer. Experience (40404)	4
D2 Political Economy	4
D3 Comparative Social Institutions	4
D4 Self Development (CSU Area E)	4
D5 Upper-division elective	4
Area F Technology (upper div)	4

Add'l GE Units (if needed) _____

O = Work in progress	@ = possible credit by Dept review
() = not allowed for degree credit	# = GE Certification
R = Repeat of course content	* = Also satisfies GE requirement
<> = Hours not earned (failed)	++ = Meets USCP

ELECTIVES 8