

# BS MICROBIOLOGY

2007-2009

updated 05/14/07

Units Required 180

NAME \_\_\_\_\_  
 STUDENT ID \_\_\_\_\_  
 CONCENTRATION \_\_\_\_\_  
 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

Note: No Major, Support or Concentration courses may be taken CR/NC

\*=Courses satisfy GE requirement

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 426 Immunology	4		
BIO 452 Cell Biology	4		
MCRO 224 General Microbiology I	5		
MCRO 225 General Microbiology II	5		
MCRO 402 General Virology	4		
MCRO 423 Medical Microbiology	5		
MCRO 424 Microbial Physiology	5		
MCRO 461 or BIO 462	2		
<sup>1</sup> Advisor approved electives	18		

<b>GENERAL EDUCATION (GE)</b> .....	<b>56</b>
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72 units required; 16 units are in Major/Support.  
 →Minimum of 12 units required at the 300-400 level.

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

## SUPPORT COURSES (47)

CHEM 127 General Chemistry (B3&B4)* .....	4
CHEM 128 General Chemistry I .....	4
CHEM 129 General Chemistry II .....	4
CHEM 316 Organic Chemistry I ( <i>transfer equivalent</i> <i>CHEM 216</i> ).....	5
CHEM 317 Organic Chemistry II.....	5
<sup>2</sup> CHEM 371 Biochemical Principles .....	5
MATH 161 Calc for Life Sci I (B1)* .....	4
PHYS 121 College Physics I .....	4
PHYS 122 College Physics II .....	4
PHYS 123 College Physics III.....	4
STAT 218 Appl Stats-Life Sci (B1)* .....	4

<sup>1</sup> Advisor Approved Electives to be pre-approved by consultation with the student's major advisor. Credit is limited to a total of 4 units for BIO 400, 450 and 461. At least 10 units must be upper division.

<sup>2</sup> CHEM 313 may be substituted, with advisor approval, for students not planning to pursue Graduate School or a Health Prof. career.

<b>Add'l GE Units (if needed)</b> .....	
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- O = Work in progress
- ( ) = not allowed for degree credit
- Maximum 105 quarter units allowed in transfer from Comm College
- @ = possible credit by Department review
- # = GE Certification
- R = repeat of course content

**ELECTIVES** ..... **8**