2008/2009 B.S. MICROBIOLOGY - BIOMEDICINE CONCENTRATION CURRICULUM

Freshman Biol. Courses (9-10 cr.)		**SEM/Yr**	**Grade**
BIOL 110	5(4,3) [1]		
BIOL 111	5(4,3) [1]		
OR BIOSC 315	4(3,3)		
Req. Science Courses (43-44 cr.)			
BIOCH 301	3(3,0)		
BIOSC 461	3(3,0)		
BIOSC 462	2(I,2)		
CH 101	4(3,3)		
CH 102	4(3,3)		
CH 223	3(3,0)		
& CH 227	1(0,3)		
CH 224	3(3,0)		
& CH 228	1(0,3)		
GEN 302	3(3,0)		
GEN 303	1(0,3)		
MTHSC 106	4(4,0)		
MTHSC 108	4(4,0)		
OR MTHSC 301	3(3,0)		
OR EXST 301	3(3,0)		
PHYS 207, 209	3(3,0), 1(0,2) [2]		
PHYS 208, 210	3(3,0), 1(0,2) [2]		
Req. Non-Science Courses (21 cr.)			
COMM 150, L150	3(2,2)		
ENGL 103, L103	3(3,1)		
ENGL 314	3(3,0)		
Arts & Humanities – Literature	3(3,0) [3]		
Arts & Humanities – Non-Literature	3(3,0) [3]		
Social Sciences			
_____	3(3,0) [3]		
_____	3(3,0) [3]		
Required Major Courses (33 cr.)			
MICRO 101	1(1,0)		
MICRO 305	4(3,3)		
MICRO 401	4(2,6)		
MICRO 411	4(3,3)		
MICRO 412	4(3,3)		
MICRO 414	4(3,3)		
MICRO 415	4(3,3)		
MICRO 416	3(3,0)		
MICRO 417	3(3,0)		
MICRO 493	2(2,0)		
Biomedicine Requirement (6 cr.) [4]			
_____			
_____			
Electives (10 cr.) [5]			
_____			
_____			
_____			
_____			
_____			
_____			
_____			

Total Semester Hours = 122 – 124

[1] BIOL 110 and 111 or BIOSC 315 are strongly recommended. However, BIOL 103/105 may substitute for BIOL 110 and BIOL 104/106 may substitute for BIOL 111 or BIOSC 315; the remaining 1-2 credits required must be satisfied by completing 1-2 extra credits from departmental course offerings at the 300 level or above

[2] Students may choose to take physics with calculus, PHYS 122, 124 & PHYS 221, 223.

[3] See General Education Requirements. Three of the credits must also satisfy the Cross-Cultural Awareness Requirement (CCA).

[4] BIOCH 302, 423, 432, BIOSC 425, 456 & 457, HLTH 380, MICRO 400, 491

[5] Elective hours may be used toward satisfying the requirements of a minor.

[6] Typically Non-Literature Humanities and Social Sciences courses are used to satisfy the Cross-Cultural Awareness and Science and Technology in Society requirements.

Other Courses	**SEM/Yr**	**Grade**
LIBRARY 100	___	_____
CCA[6] _____	___	_____
STS[6] _____	___	_____
_____	___	_____
_____	___	_____
_____	___	_____
_____	___	_____
_____	___	_____
_____	___	_____
_____	___	_____
_____	___	_____