2008/2009 B.S. BIOLOGICAL SCIENCES CURRICULUM – PREPHARMACY EMPHASIS

Freshman Biol. Courses (8 cr.)		**SEM/Yr**	**Grade**
BIOL 103/105	4(3,3) [1]		
BIOL 104/106	4(3,3) [1]		
Req. Science Courses (39 cr.)			
BIOCH 301 **OR** 305	3(3,0)		
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 **OR** GEN 300	3(3,0)		
GEN 303 **OR** GEN 301	1(0,3)		
MTHSC 106	4(4,0)		
MTHSC 108	4(4,0)		
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]		
Economics Requirement [4]			
ECON 200 **OR** 211 **OR** 212	3(3,0)		
Social Sciences			
_____	3(3,0) [3]		
Required Major Courses (37-38 cr.)			
BIOSC 101	1(1,0)		
BIOSC 102	1(1,0)		
BIOSC 315	4(3,3)		
BIOSC 335	3(3,0)		
BIOSC 461	3(3,0)		
BIOSC 462	2(1,2)		
BIOSC 493	2(2,0)		
MICRO 305	4(3,3)		
Animal Diversity [5]			
BIOSC 302/306 **OR** 303/307	3(3,0) **&** 1(0,3)		
Plant Diversity [5]			
BIOSC 304/308 **OR** 305/309 **OR** 320/L320 **OR** 406/407	3(3,0) & 1(0,3) **OR** 4(2,4)		
Ecology [5]			
BIOSC 443/444, 441/445, 446/447, **OR** 470/471	3(3,0) **&** 2(1,2)		
Physiology [5]			
BIOSC 316, 459/460 **OR** 475/476	4(3,3) **OR** 3(3,0) & 2(1,2)		
Other Major Courses (19-20 cr.) [6]			
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_____			
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_____			
_____			

Total Semester Hours = 124

Other Courses	**SEM/Yr**	**Grade**
LIBRARY 100		
CCA [7] _____		
STS [7] _____		
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[1] Prepharmacy programs require BIOL 103/105 and 104/106 or equivalent; however, BIOL 110 and 111 may substitute. The additional 1–2 credit hours will be subtracted from Major Requirement credits.

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

[3] See General Education Requirements on page 34 in the Undergraduate Announcements.

[4] Select one course.

[5] Select one lecture/lab combination.

[6] The remaining credits must be selected from BIOCH 302, MTHSC 301, or BIOSC, BOT, or MICRO courses at the 300 level or higher.

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