

2008/2009 B.A. BIOLOGICAL SCIENCES CURRICULUM

Freshman Biol. Courses (10 cr.)	SEM/Yr	Grade	
BIOL 110	5(4,3) ¹	_____	¹ BIOL 110 and 111 are strongly recommended. However, BIOL 103/105 may substitute for BIOL 110 and BIOL 104/106 may substitute for BIOL 111; 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.
BIOL 111	5(4,3) ¹	_____	
Req. Science Courses (35-36 cr.)			
BIOCH 301 OR 305	3(3,0)	_____	
BIOCH 302 OR 306 OR CH 228	1(0,3) ²	_____	² Most medical and dental schools require CH 228.
CH 101	4(3,3)	_____	
CH 102	4(3,3)	_____	
CH 201	4(3,3) ³	_____	³ CH 223, 227 and 224 may be substituted for CH 201. Most medical and dental schools require two semesters of organic chemistry with laboratory.
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)	_____	
OR MTHSC 301 OR EX ST 301	3(3,0)	_____	
PHYS 207, 209	3(3,0) & 1(0,2) ⁴	_____	⁴ Students may choose to take physics with calculus, PHYS 122, 124 & PHYS 221, 223.
PHYS 208, 210	3(3,0) & 1(0,2) ⁴	_____	
Req. Non-Science Courses (35 cr.)			
COMM 150, L150	3(2,2)	_____	
ENGL 103, L103	3(3,1)	_____	
ENGL 314	3(3,0)	_____	⁵ Four semesters (through 202) in the same modern foreign language are required.
Foreign Language	4(3,1) ⁵	_____	
Foreign Language	4(3,1) ⁵	_____	
Foreign Language	3(3,0) ⁵	_____	⁶ See General Education Requirements on page 34 in the Undergraduate Announcements
Foreign Language	3(3,0) ⁵	_____	
Arts & Humanities – Literature	3(3,0) ⁶	_____	⁷ Select one lecture/lab combination.
Arts & Humanities – Non-Literature	3(3,0) ⁶	_____	
Social Sciences	3(3,0) ⁶	_____	⁸ Select one lecture course.
_____	3(3,0) ⁶	_____	
Required Major Courses (24-25 cr.)			⁹ The remaining courses may be selected from MICRO 305, or any BIOSC or BOT courses at the 300 level or higher.
BIOSC 101	1(1,0)	_____	
BIOSC 102	1(1,0)	_____	
BIOSC 335	3(3,0)	_____	
BIOSC 461	3(3,0)	_____	¹⁰ Minors as listed under Degree Programs and Minors on page 36 in the Undergraduate Announcements.
BIOSC 493	2(2,0)	_____	
<i>Animal Diversity</i> ⁷			¹¹ Typically Non-Literature Humanities and Social Sciences courses are used to satisfy the Cross-Cultural Awareness and Science and Technology in Society requirements.
BIOSC 302/306 OR 303/307	3(3,0) & 1(0,3)	_____	
<i>Plant Diversity</i> ⁷			
BIOSC 304/308 OR 305/309 OR 320/L320, OR 406/407	3(3,0) & 1(0,3) OR 4(2,4)	_____	
<i>Ecology</i> ⁸			
BIOSC 441 OR 443 OR 446 OR 470	3(3,0)	_____	
<i>Physiology</i> ⁸			
BIOSC 316 OR 401 OR 459 OR 475	3(3,0)	_____	
Other Major Courses (5-6 cr.) ⁹			

Minor Courses (15 cr.) ¹⁰			

Total Semester Hours = 125 – 126			

Other Courses	SEM/Yr	Grade
LIBRARY 100	_____	_____
CCA ¹¹	_____	_____
STS ¹¹	_____	_____
_____	_____	_____
_____	_____	_____