



2007-2008

*Degree Requirements for New Biology majors as of Fall '05

Bachelor of Science in Biology

Student Advisement Record

Name:

KSU ID#:

GENERAL EDUCATION COURSES		HRS.	44 Credit Hours
Anth 2105 or Geog 2105 or Psyc 2105 or Soci 2105 (1101 or 2201 courses may be used)	2		
Art 1107 or Musi 1107 or TPS 1107	3		
Com 1109 or FI 1002 or Phil 2200	3		
Economics 1100	3		
English 1101	3		
English 1102	3		
English 2110	3		
History 1110	3		
History 2112	3		
Math 1113 (higher math may be substituted)	3	Pre-calculus OR Math 1111 AND Math 1112	
Math 1190 (higher math may be substituted)	4	Calculus	
Political Science 1101	3		
Chemistry 1211/1211 Lab (Co-requisite w/Math 1112 or 1113)	3/1	General Chemistry I and Lab "C" or better required	
Chemistry 1212/1212 Lab (Co-requisite w/Math 1190)	3/1	General Chemistry II and Lab "C" or better required	
LOWER DIVISION MAJOR REQUIREMENTS		18 Credit Hours	
Biology 2101	3	Intro Culture & Methods Biology	
Biology 2107	4	Biological Principles I	
Biology 2108	4	Biological Principles II	
Physics 1111 or 2211	4	Introductory Physics I or Principles of Physics I	
Math 2107 (STATS 3125 as of Spr 08)	3	Biostatistics	
PHYSICS REQUIREMENT		4 Credit Hours	
Physics 1112 OR Physics 2212	4	Introductory Physics II OR Principles of Physics II	
UPPER DIVISION MAJOR REQUIREMENTS		26 - 27 Credit Hours	
CHEMISTRY			
Chemistry 3361/3361 Lab	3/1	Organic Chemistry I and Lab "C" or better required	
Chemistry 3362/3362 Lab	3/1	Organic Chemistry II and Lab "C" or better required	
BIOLOGY			
Biology 3300	4	Genetics	
Biology 3370	4	Ecology	
Biology 3380	3	Evolution	
ANATOMY AND PHYSIOLOGY (Choose one course)			
Biology 3320	4	Plant Morphology	
Biology 3350	4	Comparative Vertebrate Anatomy	
Biology 4420	4	Plant Physiology and Lab	
Biology 4431	4	Human Physiology and Lab	
CELL AND MOLECULAR BIOLOGY (choose one course)			
Biology 3338	4	Histology and Lab	
Biology 3340	4	Microbiology	
Biology 4410	3	Cell & Molecular	
Biology 4465	3	Immunology	



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BIOLOGY ELECTIVES	12 – 13 Credit Hours
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Choose 12 - 13 semester hours from any of the following 3000-4000 level courses in Biology or those not taken as upper level requirements listed on the other side of this page. (A student must have a minimum of four laboratory classes: Biology 3300/3300Lab, Biology 3370/3370Lab, one laboratory course chosen from among those listed in the anatomy and physiology area plus any other upper-level biology or biotechnology laboratory course of the student's choosing.)

Biology 3310	4	Biology 4427	3
Biology 3315	4	Biology 4431	4
Biology 3327	3	Biology 4465	3
Biology 3335	4	Biology 4450	1-4
Biology 3371	4	Biology 4460	4
Biology 3372	4	Biology 4475	3
Biology 3373	4	Biology 4486	3
Biology 3375	4	Biology 4490	1-4
Biology 3390	4	Biology 4610	1-4
Biology 3398	3	Biology 4620	1-4
Biology 3399	1	Biology 4630	1-4
Biology 4400	1-4		
Biology 4415	3	BTEC 3301	4
Biology 4420	4	BTEC 4460	3
		BTEC 4490	3-4

RELATED STUDIES	3 Credit Hours
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3 semester hours. Any course for which prerequisites have been met from among any upper-level biology, biotechnology, chemistry or math or selected GIS required courses, or from the following courses.

Physics 3300	3	Science 3360	4
Physics 3305	3	Science 3365	3
Physics 3312	3		
Physics 3340	4	English (WRIT) 3140	3
Astronomy 3320	3	History 3377	3
Astronomy 3321	3	Political Science 4456	3
Chem 3500	3		

FREE ELECTIVES	12 Credit Hours
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12 semester hours. Any credit courses in the university curriculum.

INSTITUTIONAL REQUIREMENT	3 Credit Hours
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HPS 1000	3	Fitness for Living	
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TOTAL HOURS FOR B.S. 123

Comments: