



2009-2010

## Bachelor of Science in Biology

## Student Advisement Record

Name:

KSU ID#:

GENERAL EDUCATION COURSES	HRS.	44 Credit Hours
ANTH 2105 or GEOG 2105 or PSYCH 2105 or SOCI 2105 (or the 1101/2201 version )	2	Anthropology, Geography, Psychology or Sociology
ART 1107, MUSI 1107 or TPS 1107	3	Intro to Art, Music or Theatre
COM 1109 or FL 1002 or PHIL 2200	3	Communications, Foreign Language or Philosophy
ECON 1100	3	World Economics
ENGL 1101	3	English Composition I
ENGL 1102	3	English Composition II
ENGL 2110	3	World Literature
HIST 1110	3	World Civilization
HIST 2112	3	America Since 1890
POLS 1101	3	American Government
MATH 1113 Precalculus OR	3	Math 1111 AND/OR Math 1112
MATH 1190	4	Calculus I
Chemistry 1211/1211 Lab (Co-requisite w/Math1112 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		16 Credit Hours
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
Physics 1112 OR Physics 2212	4	Introductory Physics II OR Principles of Physics II
UPPER DIVISION MAJOR REQUIREMENTS		29 - 30 Credit Hours
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
Stat 3125	3	Biostatistics
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
Biology 4431	4	Human Physiology
CELL AND MOLECULAR BIOLOGY (choose one course)		
Biology 3338	4	Histology
Biology 3340	4	Microbiology
Biology 4410	3	Cell & Molecular
Biology 4465	3	Immunology



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BIOLOGY ELECTIVES			15 – 16 Credit Hours	
Choose 15 - 16 semester hours from <b>any</b> 3000-4000 level BIOL or BTEC courses excluding 3396. (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.) <b>Note:</b> Not all choices are listed.				
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		<b>ANY BTEC Courses you have prereqs for</b>	
Biology 4415	3		BTEC 3301	4
Biology 4420	4		BTEC 34001810	3
			BTEC 3410	3
			BTEC 3420	3
			BTEC 4490	3-4
RELATED STUDIES			3 Credit Hours	
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 Earth Science	4
Physics 3305	3		Science 3365	3
Physics 3312	3			
Physics 3340	4		Writ 3140 Technical Writing	3
Astronomy 3320	3		History 3377 History of Science	3
Astronomy 3321	3		Political Science 4456 Intl Env. Policy	3
Chem 3500 Biochemistry I	3			
FREE ELECTIVES			12 Credit Hours	
12 semester hours. Any credit courses in the university curriculum.				
INSTITUTIONAL REQUIREMENT			3 Credit Hours	
HPS 1000	3		Fitness for Living	
<b>TOTAL HOURS FOR B.S.</b>				<b>123</b>

Comments: