



2009-2010

Degree Requirements

Bachelor of Science in Biology Education

Student Advisement Record

Leading to Certification for Grades 7-12

Bagwell College of Education

Department of Biology and Physics

(770) 423-6158

The program of study in Biology education leads to a Bachelor of Science degree in Biology Education and provides the students with Biology teaching licensure for grades 7-12 in Biology education. Candidates in the KSU Biology Education program must earn a grade of "C" or above in all required science courses.

NAME:

KSU ID#:

General education courses	Hrs.	44 semester hours
ANTH 2105 or GEOG 2105 or PSYCH 2105 or SOCI 2105 (or the 1101/2201 versions)	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
ENGL 1101	3	English Composition I
ENGL 1102	3	English Composition II
ENGL 2110	3	World Literature
ECON 1100	3	Global Economics
HIST 1110	3	World Civilization
HIST 2112	3	America Since 1890
POLS 1101	3	American Government
MATH 1113 Precalculus (higher Math may be substituted) OR	3	Math 1111 AND/OR Math 1112
MATH 1190 (higher math may be substituted)	4	Calculus
CHEM 1211/1211 Lab (Co-requisite w/Math 1112 or 1113)	3/1	General Chemistry I and Lab "C" or better required
CHEM 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
BIOL 2107	4	Biological Principles I
BIOL 2108	4	Biological Principles II
PHYS 1111 OR PHYS 2211	4	Introduction to Physics I OR Principles of Physics I
PHYS 1112 OR PHYS 2212	4	Introduction to Physics II OR Principles of Physics II
Upper Division Major Biology Requirements		30 semester hours
STAT 3125	3	Biostatistics
BIOL 3300	4	Genetics
BIOL 3310 OR BIOL 3315	4	Invertebrate Zoology OR Vertebrate Zoology
BIOL 3320	4	Plant Morphology
BIOL 3340	4	Microbiology
BIOL 3350 OR BIOL 3390 (pre-req. BIOL 3300) OR BIOL 3338	4	Comparative Vertebrate Anatomy OR Developmental Biology OR Histology
BIOL 3370	4	Ecology
BIOL 3380 (pre-req. BIOL 3300)	3	Evolutionary Biology

**2009-2010** Degree Requirements

Professional Education sequence			33 credit hours	
EDUC 2110	3	Critical and Contemporary Issues in Education		
EDUC 2120	3	Sociocultural Influences on Teaching & Learning		
EDUC 2130*	3	Exploring Teaching and Learning		
EXC 3304	3	Education of Exceptional Students		
BED 4416	6	Teaching Science - TOSS (6-12) [Fall Semester only—MTWThF am open]		
BED 4417	3	Teaching Science Practicum (6-12)		
BED 4475	12	Student Teaching		
Institutional requirement				
HPS 1000	3	Fitness for Living		
TOTAL HOURS FOR B.S.				126

* Prerequisite: Admission to Teacher Education Program