

**PROGRAM REQUIREMENTS FOR
BIOLOGY MAJOR WITH
TEACHER CERTIFICATION IN BIOLOGY EDUCATION**

(Rev. 5/12/06)

CORE COURSES	COURSE	Cr.	SEMESTER TAKEN
Individual and Community	IC101	3	
College Writing I	IC105	3	
College Writing II	IC106	3	
Integrated Science I and II OR Biology I and II OR Biology I and AN 102 Human Origins OR General Chemistry I and II OR General Geology I and II OR General Physics I and II	IC110/IC111 or BI101/BI102 or BI101/AN102 or CH101/CH102 or GL101/GL102 or PH101/PH102	4/4	_____ _____
(Mathematics requirement met in Major)			
Experiencing the Arts OR Music in Our World	IC205 or IC206	3	_____
The American Experience	IC210	3	
Challenge of Business in Society	IC212	3	
The Twentieth Century	IC260	3	
Science of Society I	IC305	3	
The Ancient and Medieval Worlds OR Reason and Romanticism	IC310 or IC360	3	_____
		38/ 35	Total Credits

EDUCATION REQUIREMENTS	COURSE	Cr.	SEMESTER TAKEN
Educational Psychology	ED105	3	
Foundations and Issues in Education	ED112	3	
Classroom Organization and Management	ED221	3	
Curriculum I	ED224	3	
Field Experience I	ED255	1	
Field Experience II	ED256	1	
Field Experience III	ED257	1	
Teaching Students with Special Needs	ED312	3	
Principles of Secondary School Teaching	ED360	3	
Student Teaching Seminar	ED487	1	
Student Teaching	ED492	14	
		36	Total Credits
Certification Portfolio			
Minimum 2.5 GPA			
No Grade Below C in ED Courses			
Praxis I			
Praxis II			

BIOLOGY REQUIREMENTS (Recommended Bachelor of Arts Track)	COURSE	Cr.	SEMESTER TAKEN
Biology I	BI101	4	
Biology II	BI102	4	
Genetics	BI211	4	
Ecology	BI218	4	
Cellular Biology OR Microbiology	BI212 or BI325	4	_____
General Chemistry I	CH101	4	
General Chemistry II	CH102	4	
Mathematics Course (MT151 or MT 221)	MT_ _ _	3-4	
Mathematics Course (MT152 or MT222 or MT260)	MT_ _ _	3-4	
<i>Suggested electives for Certification. See advisor for substitutions</i>			
Vertebrate Zoology	BI312	4	
Animal Behavior	BI231	4	
Human Anatomy and Physiology I	BI 260	4	
Human Anatomy and Physiology II	BI261	4	
Introduction to Plant Biology	BI250	4	
Ecophysiology	BI355	4	
<i>BI 480 Junior Year Seminar (spring yr.3) <u>waved</u> if student on certification track.</i>			
<i>BI 481/460 <u>substituted</u> for ED492 student teaching</i>			
		123	Total Credits