

# B.S. Life Science Secondary Certification

General Education Requirements for all Bachelor's degrees

Quality Enhancement Plan (QEP) Requirement

## Teacher Certification Program

This program is designed to train High School Biology teachers, conducted in conjunction with the Education Department. Requirements for certification are listed in the Education section of this *Bulletin*.

*You must make formal application for admittance to the Teacher Education Program. Applications are available at the Education Department Office.*

Content Area + Teaching Certification

## Required Courses

Must include one botany elective and one zoology elective.

Item #	Title	credits
BIOL 111	General Biology I	4
BIOL 112	General Biology II	4
BIOL 230	Ecology	4
BIOL 320	Genetics	4
BIOL 419	Philosophy of Science	3
	BIOL Upper Division Electives (x3-4)	12

## Required Cognates

Item #	Title	credits
CHEM 111	General Chemistry I	4
CHEM 112	General Chemistry II	4
	MATH 141 or 180	3-4
	<b>Total credits:</b>	<b>42-43</b>

## Category Descriptions

### BIOL Upper Division Electives (x3-4)

Credits: 12

Must include one botany elective and one zoology elective.

### MATH 141 or 180

Credits: 3-4

Item #	Title	credits
MATH 141	Introduction to Probability and Statistics	3
MATH 180	Precalculus	4