

Specific Area Endorsement Requirements

Biology

(available to incoming freshmen beginning Fall 2002)

Biology Endorsement Requirements: To be licensed to teach secondary school biology, the student must satisfactorily complete requirements for the baccalaureate degree in an arts and sciences discipline and at least 32 semester hours of credit in biology to include the following or their equivalent.
Revised 6/29/05

Biology Courses		
Course	Course Title	Credits
BIO 114	Organisms	4
BIO 124	Ecology and Evolution	4
BIO 214	Cell and Molecular Biology	4
BIO 224	Genetics and Development	4
Additional Credits to Include: Botany Zoology Anatomy/Physiology		16
Total Minimum Biology Credits		32
Support Courses		
CHEM 131-132	General Chemistry I & II	6
CHEM 131L-132L	General Chemistry Laboratories	2
CHEM 341-342	Organic Chemistry	6
Physics	A Physics course (<i>excluding Astronomy</i>)	3
Geology	A Geology course	3
Mathematics	(to include Introductory Calculus)	6
Total Support Credits		26
Total Endorsement Credits		58