

BACHELOR OF SCIENCE IN EDUCATION

Biological Sciences 9-Adult

2011-13 Catalog

Name _____

120 Semester hours minimum for graduation with a 2.75 average overall

56 hours from a four-year institution

No Title HRS CR QPTS

General Studies (2.00 GPA required)

English				
101	Composition and Rhetoric I	3		
102	Composition and Rhetoric II	3		
203	World Literature I	3		
204	World Literature II	3		
Communication Arts				
101	Fundamentals of Speech	3		
The Arts - Two Courses				
101	Introduction to Visual Arts	3		
101	Introduction to Music	3		
102	Introduction to Theatre	3		
Physical Education				
101	Personal Wellness	2		
Social Sciences				
HIST	Four courses with at least three disciplines represented (SEE CATALOG)	3		
		3		
		3		
		3		
Science and Mathematics				
	Laboratory Science	4	See Field	
	Laboratory Science	4	See Field	
	Mathematics	3	See Field	
	4 hour Lab Science <u>or</u> N SC 300C/D <u>or</u> Math 105, 201, 212	3/4	See Field	
Foreign Language - Optional				
	Two courses may be substituted for any two general studies courses except ENGL 101-102 and general Studies Math. Only ONE substitution per discipline. See Catalog. (Not required in teaching fields)			

RESIDENCE CREDIT:

36 hours at Concord

16 of last 32 hours at Concord

Note: In some degree programs, this would be previous to entering professional training.

9 hours in Major, Teaching Fields

Professional Education Component (2.75 GPA required with a "C" or better in each course)				
EDUC 210	Foundations of Education	2		
301	Educational Technology	3		
305	Psychology of Teaching & Learning	3		
306	Instructional Process/Strategies	3		
310	Assessment and Evaluation	2		
SPED 303	Introduction to Special Education	3		
309	Strategies for the Inclusive Environment	3		
EDUC 456	Supervised Directed Teaching	6		
456	Supervised Directed Teaching	6		
Biological Sciences 9-Adult (2.50 GPA required with a grade of "C" or better in each course))				
EDUC 318	Content Area Reading	3		
BIOL 101	General Biology I	4		
102	General Biology II	4		
201	Ecology and Field Methods	4		
202	Animals as Organisms	4		
301	Plants as Organisms	4		
302	Cell and Molecular Biology	4		
401	Genetics	4		
455	Biology Capstone (May substitute BIOL 452 & 453)	2		
	One of the following: 230 Ornithology, 231 Herpetology or 260 Local Flora (Must complete prior to senior year)	4/3		
CHEM 101 <u>and</u> 111	General Chemistry I General Chemistry Lab	3 1		
102 <u>and</u> 112	General Chemistry II General Chemistry Lab	3 1		

CHEM 210	Chemical Lab Safety	1		
331	Organic Chemistry I	4		
PHYS 101 <u>or</u> 201	Introductory Physics or University Physics I	4		
102 <u>or</u> 202	Intermediate Physics or University Physics II	4		
MATH 103*	College Algebra	3		
104*	College Trigonometry	3		
GEOL 101	Earth Process, Resources, and the Environment	4		
N SC 414A	Special Methods in the Teaching of the Natural Sciences	2		
414C	Secondary Level Science Education	1		

*MATH 103 and/or 104 may be waived for students establishing proficiency.

NOTE:

On transfer credits for classes with a field practicum - **practicum required for course, Division approval must be granted before class will be accepted as transfer credit.**

***Students with a 9-Adult field in Biology are encouraged to complete a teaching field in General Science.**