

BACHELOR OF SCIENCE IN EDUCATION

Chemistry 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		
Chemistry 9-Adult (2.50 GPA required, with a grade of "C" or better in each course)				
EDUC 318	Content Area Reading	3		
CHEM 101	General Chemistry I General Chemistry Lab	3		
111		1		
102	General Chemistry II General Chemistry Lab	3		
112		1		
210	Chemical Laboratory Safety	1		
331	Organic Chemistry I	4		
332	Organic Chemistry II	4		
351	Analytical Chemistry Analytical Chemistry Lab	3		
357		2		
352	Instrumental Analysis Instrumental Analysis Lab	3		
358		2		
	One course/lab from CHEM 401/407, or CHEM 413/417	3		
220	Laboratory Research Methodology	1		
MATH 250	Calculus w/Analytic Geometry I	4		
BIOL 101	General Biology I	4		

GEOL 101	Earth Processes, Resources and the Environment	4		
PHYS 101 <u>or</u> 102	Introductory Physics or University Physics I	4		
102 or 202	Intermediate Physics or University Physics II	4		
N SC 414A	Special Methods in the Teaching of the Natural Sciences	2		
414C	Secondary Level Science Education	1		

NOTE:

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

REVISED10/4/11