BACHELOR OF SCIENCE

Mathematics

Name_____ 2007-09 Catalog

128 Semester hours minimum for graduation with a 2.00 average overall

56 hours from a four-year institution

General Studies

No	Title	HRS	CR	QPTS
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				
	Four courses with at least three disciplines represented (SEE CATALOG)	3		
		3		
		3		
		3		
Science and Mathematics				
	Laboratory Science	4		
	Laboratory Science	4		
	Mathematics	3	See Major	
	Lab Science **or** N SC 300C/D; or MATH 105, 201, 211	3/4	See Major	
Foreign Language -Required				
	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.			

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

Mathematics (2.00 GPA required) NOTE: MATH 101, 110, 305, 414 Cannot be used to meet required GPA				
MATH 103	College Algebra	3		
104	College Trigonometry	3		
201	Introduction to Programming I	3		
250	Calculus w/Analytic Geometry I	4		
251	Calculus w/Analytic Geometry II	4		
252	Calculus w/Analytic Geometry	4		
303	Mathematical Probability and Statistics I	3		
307	Introduction to Abstract Algebra	3		
309	College Geometry	3		
310	Abstract Algebra	3		
320	Linear Algebra	3		
451	Advanced Calculus	3		
	3 hours from 403, 404, 452, 460, 470 and 420 (with consent of Chairperson)	3		

RECOMMENDED:

8 hours of Physics; and 6 additional hours of computer programming.

A minor is required-computer science and statistics are acceptable options.

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

REVISED 6/26/07