BACHELOR OF SCIENCE IN COMPUTER INFORMATION SYSTEMS

Name_____   2011-13 Catalog

120 Semester hours minimum for graduation with a 2.00 average overall
56 hours from a four-year institution

No	Title	HRS	CR	QPTS
General Studies				
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 300; or MATH 105, 201, 211	3	See Major	
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)	3		
		3		

Computer Information Systems (2.00 GPA required)				
ACCT 207	Principles of Accounting	4		
BGEN 222	Business Productivity Software	3		
311	Management Information Systems	3		
MGT 305	Principles of Management	3		
MKT 305	Principles of Marketing	3		
MATH 103	College Algebra	3		
104	College Trigonometry	3		
105	Elementary Statistics	3		
201	Introduction to Programming I	3		
202	Introduction to Programming II	3		
212	Cobol	3		
215	Assembly Language Programming	3		
220	Discrete Mathematics	3		
240	Programming in C++	3		
355	Data Structures (Recommended Only)			
356	Data Base Management	3		
361	Operating Systems	3		
410	Software Engineering Using Java	3		
430	Microcomputer System Design	3		
445	Distributed Processing and Networks (Recommended Only)			
490	Practicum I	3		

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

NOTE:

For non-educational programs - Grades obtained in MATH 101, 110, 305, and 414 cannot be used to meet the GPA requirement. Non-education majors are required to take an assessment test in their field during their senior year.

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