

**BACHELOR OF ARTS/SCIENCE
MATHEMATICS
2011-2012**

BA
BS

GENERAL EDUCATION CORE	REQ	COMP	NEED
SKILLS COMPONENT			
ENGL 101 & 102	6		
ENGL 109			
COMM 101, 202, 203, 204, 205	3		
MATH 123, 130, 130A & 130B, 137, 143 & 144, 147 157 & 257, 170, 254	3		
ID 123 Math & Science Lit. **	6		
HUMANITIES 1 Lit & 1 Art course (6 cr. required)			
ENGL 150, ENGL 258, ENGL 257, HUM 301	3		
ART 100, HUM 101, HUM 150, MUS 101, THEA 101	3		
NATURAL SCIENCES 2 courses: NS 150 & 1 lab science			
NS 150 **	3		
BIOL 102, 120, 175, 252	4		
CHEM 102, 105, 111			
FSCI 101			
GEOG 100, 120			
NS 100, 171 & 172			
PHYS 111, 205, 211			
SOCIAL SCIENCES min 3 courses from 2 subjects (9 cr. req.)			
ANTH 102, 120, 170	9		
ECON 101, 102, 201, 202			
GEOG 102			
HIST 101, 102, 111, 112, 115			
HRPT 184, 185			
POLS 101, 285			
PSYC 101, 205			
SS 150, 184, 185			
SOC 101, 102			
INTEGRATIVE COMPONENT 1 course required			
NS, HUM, SS, 350	3		
ID, HUM, SS, 351			
TOTAL	37		

FOREIGN/HERITAGE LANGUAGE	REQ	COMP	NEED
101			
102			
201			
202			
TOTAL	0-16		

**ID 123 can be taken to satisfy Core Math and NS 150

128 Total Credits (minus remedial):

36 Upper Division Credits:

32 Resident Credits (LCSC):

NOTES, SUBSTITUTIONS & WAIVERS

--

MAJOR COURSES	REQ	COMP	NEED
CS 111 Foundations of Programming	4		
MATH 170 Calculus I	core		
MATH 175 Calculus II	4		
MATH 275 Calculus III	4		
PHYS 211 Engineering Physics I	core		
PHYS 212 Engineering Physics II	4		

UPPER DIVISION	REQ	COMP	NEED
MATH 300 Intro/Math. Reasoning	3		
MATH 320 Probability & Statistics	3		
MATH 340 Linear Algebra	3		
MATH 460 Abstract Algebra I	3		
MATH 480 Real Analysis I	3		
NS 380 Senior Seminar	1		

MAJOR ELECTIVES - 9 cr. numbered 200 or above	REQ	COMP	NEED
MATH	9		
MATH			
MATH			
MATH			

SENIOR ELECTIVES - 4 cr. of 300/400 level from NS Division	REQ	COMP	NEED
	4		
TOTAL	45		

GENERAL ELECTIVES	REQ	COMP	NEED
TOTAL	46		

SUMMARY	REQ	COMP	NEED
GENERAL EDUCATION	37		
MAJOR	45		
GENERAL ELECTIVES	46		
LANGUAGE	0-16		
TOTAL	128		
Exit Exam			
Exit Interview			