

**BACHELOR OF ARTS/SCIENCE
MATHEMATICS with SECONDARY CERTIFICATION
2011-2012**

BA	<input type="checkbox"/>
BS	<input type="checkbox"/>

GENERAL EDUCATION CORE				
SKILLS COMPONENT	REQ	DONE	GRADE	NEED
ENGL 101 & 102	6			
ENGL 109				
COMM 101, 202, 203, 204, 205		3		
MATH 170	4			
HUMANITIES one Lit and one Art course (6 cr. required)				
ENGL 150, ENGL 257, ENGL 258, HUM 301	3			
ART 100, HUM 101, HUM 150, MUS 101, THEA 101	3			
NATURAL SCIENCES two courses required (7 cr. required)				
NS 150	3			
PHYS 211	4			
SOCIAL SCIENCE three courses required (9 cr. required)				
PSYC 205	3			
<i>and two of the following:</i>				
ANTH 102, 120, 170	6			
ECON 101, 102, 201, 202				
GEOG 102				
HIST 101, 102, 111, 112, 115				
HRPT 184, 185				
POLS 101, 285				
PSYC 101				
SOC 101, 102				
SS 150, 184, 185				
INTEGRATIVE COMPONENT one course required				
ID, HUM, NS, SS 350 or 351	3			
TOTAL	38			

FOREIGN/HERITAGE LANGUAGE	REQ	DONE	GRADE	NEED
101	0			
102	Take 16 credits of language if selecting Bachelor of Arts degree.	0		
201		0		
202		0		
TOTAL		0		

SUMMARY	REQ	DONE	GRADE	NEED
GENERAL EDUCATION CORE	38			
ELECTIVES	8			
LANGUAGE	0			
MATHEMATICS PROGRAM	45			
SECONDARY EDUCATION	37			
TOTAL	128			

128 Total Credits (minus remedial):
36 Upper Division Credits:
32 Resident Credits (LCSC):

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or Professional Foundations course. No grade lower than a "B-" will be accepted in any Professional Studies or Professional Internship secondary education course.

MATHEMATICS PROGRAM				
LOWER DIVISION	REQ	DONE	GRADE	NEED
MATH 170 Calculus I	4			Counted in core
MATH 175 Calculus II				
MATH 186 Discrete Mathematics		3		
MATH 275 Calculus III	4			
PHYS 211 Engineering Physics I	4			Counted in core
PHYS 212 Engineering Physics II				
CS 111 Foundations of Programming		4		
LOWER DIVISION				
MATH 300 Intro to Mathematical Reasoning	3			
MATH 320 Probability and Statistics	3			
MATH 340 Linear Algebra	3			
MATH 386 Postulational Geometry	3			
MATH 460 Abstract Algebra	3			
MATH 480 Real Analysis I	3			
NS 380 Senior Seminar	1			
MAJOR ELECTIVES - 3 credits numbered 200 or above				
MATH	3			
MATH				
SENIOR ELECTIVES - 4 credits of 300/400 level from NS Division				
	4			
TOTAL	45			

SECONDARY EDUCATION CERTIFICATION REQUIREMENTS				
<i>Application for admission to the Teacher Education Program is required after successful completion of Phase I courses.</i>				
PHASE I - Professional Foundations of Education	REQ	DONE	GRADE	NEED
ED 214 Princ of Educ/Field Experience	3			
ED 318 Assessment of Learning	3			
ED 321 Educational Psychology	3			
PHASE II - Professional Studies in Education				
ED 329 Culturally Responsive Classroom	1			
ED 453 Media & Tech for Tchg 6-12	3			
ED 454 Professional Teaching Strategies	3			
ED 456 Content Methods	2			
RE 422 Reading in the Content Area	3			
SE 322 Inclusion Strategies K-12	3			
PHASE III - Professional Internship (taken as your final semester)				
ED 452 Internship Seminar	1			
ED 460 Professional Internship in Educ 6-12	12			
Subtotal Credits - Secondary Ed Certification	37			
TOTAL CREDITS - Math Major & Sec Ed Cert	82			

Additional requirements must be met for teacher certification. See your Education Division advisor for details.

A minimum cumulative GPA of 2.75 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

NOTES, COMMENTS, SUBSTITUTIONS, WAIVERS