

**Mathematics**  
(Department of Mathematical Sciences)

Major Requirements

<u>Major Courses</u>	<u>Credits</u>	<u>Semester Completed</u>
<a href="#">[COSC 181]</a> Computer Programming I	3	
<a href="#">[MATH 111]</a> Calculus I	4-7	
(or <a href="#">[MATH 109]</a> Calculus I, Part I (4) and <a href="#">[MATH 110]</a> Calculus I, Part II (3))		
<a href="#">[MATH 112]</a> Calculus II	4	
<a href="#">[MATH 195]</a> First-Year Mathematics Seminar	3	
<a href="#">[MATH 211]</a> Calculus III	4	
<a href="#">[MATH 261]</a> Linear Algebra	3	
<a href="#">[MATH 362]</a> Algebraic Structures	3	
<a href="#">[MATH 412]</a> Introduction to Real Analysis	3	
<a href="#">[MATH 494]</a> Senior Mathematics Seminar	3	
<a href="#">[PHYS 211]</a> General Physics I	4	
<a href="#">[PHYS 212]</a> General Physics II	4	
<a href="#">[STAT 291]</a> Statistics for Mathematical Sciences I	3	
<i>One of the following:</i>	3	
<a href="#">[COSC 182]</a> Computer Programming II (3)		
<a href="#">[STAT 292]</a> Statistics for Mathematical Sciences II (3)		
Twelve additional credits of approved MATH/STAT 3xx/4xx courses	12	

General Education requirements on reverse side

August 2009

**Mathematics**  
(Department of Mathematical Sciences)

General Education Requirements

<u>Courses</u>	<u>Credits</u>	<u>Semester Completed</u>
First Year Seminar	3	
Oral Communications	3	
Created and Called for Community	3	
Mathematical Sciences ( <a href="#">[MATH 111]</a> or <a href="#">[MATH 112]</a> or <a href="#">[MATH 211]</a> )	3 or 4	<u>met by major</u>
Laboratory Science ( <a href="#">[PHYS 211]</a> or <a href="#">[PHYS 212]</a> )	3 or 4	<u>met by major</u>
Science, Technology & the World		<u>waived</u>
<b>Two</b> of the following:	6	
Social Science (3 credits)		
European History (3 credits)		
United States History (3 credits)		
Literature	3	
Philosophy and Religion	3	
Arts	3	
Language/Cross Cultural		
First Semester of Language	3	
Second Semester of Language	3	
Third Semester of Language or Cross Cultural	3	
Non-Western Studies	2 or 3	
Bible	3	
Christian Beliefs	3	
Health and Physical Fitness		
Introduction to Wellness	2	
Activity Course	1	
<b>One</b> of the following:	3	
Ethics (3 credits)		
World Views (3 credits)		
Pluralism in Contemporary Society (3 credits)		
Writing Enriched Course		

SUMMARY OF DEGREE REQUIREMENTS:

General Education	47-48
Major Requirements	56-59
Free Electives	16-20
<b>Total</b>	<b>123</b>

Major requirements on reverse side

August 2009