

**Requirements for the Major in Mathematics - B.A.  
(PENDING APC APPROVAL-2007)**

**Mathematics Courses**

<b>Course</b>	<b>Name</b>	<b>Cr Hrs</b>	<b>Prerequisite</b>	<b>Pre or Co Req</b>	<b>Available</b>	<b>Other</b>
MATH-11000	Calculus I	4	Group 1 MP		F-S, Y	2b
MATH-11200	Calculus II	4	MATH-11100		F-S, Y	2b
MATH-18500	Experimentation	3	Math placement 1	MATH-11100	S, Y	
MATH-21100	Calculus III	4	MATH-11100 & MATH-11200		F-S, Y	2b
MATH-23100	Linear Algebra	3	MATH-11200		F, Y	
MATH-27000	Mathematical Reasoning w/Discrete	3	MATH-23100	MATH-18500	S, Y	
MATH-29100	Sophomore Seminar	1	MATH-11200 & MATH-23100 <b>or</b> MATH-27000	MATH-27000	S, Y	
MATH-30300	Abstract Algebra	4	MATH-27000		F, Y	
MATH-30500	Introduction to Analysis	4	MATH-21100 & MATH-27000		S, Y	
MATH-39700	Junior Seminar	1	MATH-29100		F, Y	
<b>Take either:</b>						
MATH-21400 <b>or</b>	Differential Equations	3	MATH-11200		S, Y	
MATH-21600	Introduction to Mathematical Statistics				F, Y	
*	Electives (See below)	9				
<b>Total</b>		<b>43</b>				

\* Select at least 9 credits at level 3 or above (except for MATH-39100, MATH-39500, MATH-49100, AND MATH-49500). At least 3 of these credits must be at level 4.

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Open Electives 77

<b>Total, B.A. in Mathematics</b>	<b>120</b>
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