



Mathematics Major  
Bachelor of Science Curriculum Plan  
43 Hours

Student

ID#

Advisor

**Program Curriculum (43 Hours)**

Required Course Prerequisite for MATH 241	Hours	Transfer/Substitution/Notes	Final Grade
MATH 133: Trigonometry & Analytic Geometry	3		
<b>NOTE: MATH 133 is not part of the Math Major, but should be taken prior to MATH 241 by anyone that has not completed a specific trigonometry course in high school or college.</b>			
MATH 241: Differential Calculus & Analytic Geometry (MATH 133 Prerequisite)	4		
MATH 242: Integral Calculus & Analytic Geometry	4		
MATH 243: Multivariate Calculus & Analytic Geometry	4		
MATH 321: Discrete Mathematics	3		
<b>NOTE: MATH 321 is a prerequisite to all remaining MATH 300/400 level courses.</b>			
MATH 331: Introduction to Linear Algebra	3		
MATH 341: Differential Equations I	3		
MATH 403: Introduction to Analysis	3		
MATH 433: Introduction to Abstract Algebra	3		
PHYS 211/ PHYS 213: General Physics/ General Physics Laboratory I	5		
PHYS 212/ PHYS 214: General Physics II/ General Physics Laboratory II	5		
Choose one of the following:			
MATH 301: Principles of Geometry	3		
COMP 250: Intro. Programming	3		
MATH 372: Probability & Stats	3		
Choose one of the following:			
MATH 332: Linear Algebra	3		
MATH 342: Differential Equations II	3		
MATH 402: Functions of a Complex Variable	3		