UNION
C O L L E G E

Mathematics Major
Bachelor of Science Curriculum Plan
43 Hours

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Student   ID#   Advisor

Program Curriculum (43 Hours)

Required Course	Hours	Transfer/Substitution/Notes	Final Grade
MATH 133: Trigonometry & Analytic Geometry	3		
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.			
MATH 241: Differential Calculus & Analytic Geometry	4		
MATH 242: Integral Calculus & Analytic Geometry	4		
MATH 243: Multivariate Calculus & Analytic Geometry	4		
MATH 321: Discrete Mathematics	3		
NOTE: MATH 321 is a prerequisite to all remaining MATH 300/400 level courses.			
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		