

Department of Mathematics Undergraduate Course Offerings*

m = Main Campus

d = Downtown Campus

x = offered, campus undecided

	2009-2010			2010-2011			2011-2012		
Developmental	F	Sp	Su	F	Sp	Su	F	Sp	Su
MAT 0203 Basic Mathematics	md	md	m	md	md	m	md	md	m
MAT 0213 Intermediate Algebra	md	md	m	md	md	m	md	md	m
Core Curriculum									
MAT 1023 College Algebra w/ Applications	md	md	md	md	md	md	md	md	md
MAT 1033 Algebra w/ Calculus for Business	md	md	md	md	md	md	md	md	md
MAT 1043 Introduction to Mathematics	md	md	md	md	md	md	md	md	md
MAT 1073 Algebra for Scientists & Engineers	md	md	md	md	md	md	md	md	md
MAT 1093 Precalculus	md	md	md	md	md	md	md	md	md
Lower Division									
MAT 1153 Essential Elements in Mathematics I	md	md	m	md	md	m	md	md	m
MAT 1163 Essential Elements in Mathematics II	md	md	m	md	md	m	md	md	m
MAT 1194 Calculus for the Biosciences	md	md	m	md	md	m	md	md	m
MAT 1214 Calculus I	md	md	m	md	md	m	md	md	m
MAT 1223 Calculus II	md	md	m	md	md	m	md	md	m
MAT 2213 Calculus III	md	md	m	md	md	m	md	md	m
MAT 2233 Linear Algebra	md	md	m	md	md	m	md	md	m
Upper Division									
MAT 3013 Foundations of Mathematics	md	md	x	md	x	x	md	x	x
MAT 3103 Data Analysis & Interpretation	m	m		m	m		m	m	
MAT 3123 Fundamentals of Geometry ¹	d	d		x	x		x	x	
MAT 3213 Foundations of Analysis	md	md	md	md	x	x	md	x	x
MAT 3223 Complex Variables		m			m			m	
MAT 3233 Modern Algebra ²	md	d	m	x	x	x	x	x	x
MAT 3243 Calculus for Applications	m			Course removed from catalog.					
MAT 3273 Appl. Math for Science & Engineering	Offered occasionally by request if needed.								

MAT 3613 Differential Equations I	m	m	m		x	x	x		x	x	x
MAT 3623 Differential Equations II		m				x				x	
MAT 3633 Numerical Analysis	m				x				x		
MAT 3653 Stochastic Calculus	Offered occasionally by request if needed.										
MAT 4013 Graphing Calculator Topics	m	m			x	x			x	x	
MAT 4113 Computer Math Topics		m	m			x	x			x	x
MAT 4123 History of Mathematics			m				x				x
MAT 4213 Real Analysis I	md	m			x	x			x	x	
MAT 4223 Real Analysis II	m	d				x				x	
MAT 4233 Modern Abstract Algebra		m				x				x	
MAT 4253 Number Theory	m				x				x		
MAT 4263 Geometry		m				x				x	
MAT 4273 Topology	m				x				x		
MAT 4303 Capstone Course for Mathematics	m	m			x	x			x	x	
MAT 4313 Applied Combinatorics	Offered occasionally by request if needed.										
MAT 4323 Applied Graph Theory	Offered occasionally by request if needed.										
MAT 4353 Mathematical Found. of Cryptography		m				x				x	
MAT 4803 Statistical Quality Control	Offered occasionally by request if needed.										
MAT 4913 Independent Study	Consult with department and course schedule for information about these course offerings.										
MAT 4953 Special Studies in Mathematics											
MAT 4993 Honors Research											

Key

Red

Black

Blue

Green

Any Green

Purple

1

2

Does not earn college credit

Required for GMS and Mathematics Concentrations of the BS in Mathematics

Required for Mathematics Concentration of the BS in Mathematics

Required for the GMS Concentration of the BS in Mathematics

Only applicable for the GMS Concentration of the BS in Mathematics

Required for GMS concentration, applicable to both GMS and Mathematics

MAT 4263 may substitute

MAT 4233 may substitute

***This roster of proposed course offerings is tentative. While it may be used for planning purposes, course sections may be added to or deleted from the schedule at any time without notice as circumstances require. Please check the ASAP Course Schedule for the current status of the schedule.**