

UTSA BACHELOR OF SCIENCE IN MATHEMATICS

MATHEMATICS CONC

2008-10

Name: _____ @ _____

22 hrs Required Math:	Semester	Grade	School	6 hrs UD MAT/STA Electives:	(must be approved)		
MAT 1214 Calculus I				(3000/4000 level)	Semester	Grade	School
MAT 1223 Calculus II				MAT/STA			
MAT 2213 Calculus III				MAT/STA			
MAT 2233 Linear Algebra				39 hrs Core Curriculum	See catalog for course selection.		
MAT 3013 Found of Math	Fa/Spr/Sum			Rhetoric	Course	Grade	School
MAT 3213 Found of Analysis	Fa/Spr/Sum			Rhetoric: 6 hrs	WRC 1013		
MAT 4213 Real Analysis I	Fa/Spr/Sum				WRC 1023		
24-25 hrs MAT Conc Requirements:		Grade	School	Domain IA			
CS 1063, 1073, 1713/1711 OR CS 2073 Comp Programming				Mathematics: 3 hrs satisfied in major/support work			
MAT 3243 Calculus with Appls	Fall			Domain IB			
MAT 3613 Differential Equa I	Fa/Sum			Natural Sci: 6 hrs - Level I			
MAT 3633 Numerical Analysis	Fall			Level II			
MAT 4223 Real Analysis II	Fa/Spr			Domain IIA			
MAT 4233 Modn Abstract Alg	Spr			U.S. History: 6 hrs			
STA 3003 Applied Statistics	Fa/Spr			HIS 1043 or 1053 or 2053			
STA 3513 Probability & Stats	Fa/Spr			Domain IIB			
28-29 hrs Free Electives:	Semester	Grade	School	Political Sci: 6 hrs	POL 1013		
including 3 hrs UD (3000/4000)				POL 1133 or 1213			
				Domain IIC			
				Soc/Beh Sci: 3 hrs			
				Domain IID			
				Economics: 3 hrs			
				Domain IIIA			
				Literature: 3 hrs			
				Domain IIIB			
				The Arts: 3 hrs			
				Domain IV			
				World Issues & Soc: 3 hrs			

Notes/Explanations: All required and elective MAT/STA courses must be completed with a grade of "C" or better.

If MAT 1073 or 1093 must be taken as a prereq, the additional hrs may be used as free electives.

Some UD MAT and STA courses are offered ONLY once a year or once every two years. Contact the Math Dept to find out when courses will be offered. It is understood that all other provisions of the catalog must be met.

120 hrs are required for BS/MAT-MATH, including 39 UD hrs. 24 of the last 30 hrs must be completed in residence. Only one (non-transfer) MAT/STA sub is permitted: only in the semester of graduation, and only if the required course is not offered.

Advisor's Signature _____

Date _____