

# UTSA BACHELOR OF SCIENCE IN MATHEMATICS

## MATHEMATICS CONC

### 2010-12

Name: \_\_\_\_\_ @ \_\_\_\_\_

<b>24 hrs Required Math:</b>				<b>26-27 hrs Free Electives (including 3 hr UD):</b>			
Semester	C or better	School		Semester	D or better	School	
			MAT 1214 Calculus I				MAT 1073 (if needed)
			MAT 1224 Calculus II				MAT 1093 (if needed)
			MAT 2214 Calculus III				
			MAT 2233 Linear Algebra				
	Fa/Spr/Sum		MAT 3013 Found of Math				
	Fa/Spr/Sum		MAT 3213 Found of Analysis				
	Fa/Spr/Sum		MAT 4213 Real Analysis I				
<b>21-22 hrs MAT Conc Requirements:</b>				<b>CORE CURRICULUM: 39 hrs</b> See catalog for choices.			
			CS 1063, 1073, 1713/1711 OR CS 2073 Comp Programming				Rhetoric (6 hr)
			MAT 3613 Differential Equa I				WRC 1013
	Fa/Sum		MAT 3633 Numerical Analysis				WRC 1023
	Fall		MAT 4223 Real Analysis II	Domain IA: Math (3 hrs satisfied in support work)			
	Fa/Spr		MAT 4233 Modn Abstract Alg				IB: Science (6 hr)- Level I
	Spr		STA 3003 Applied Statistics				Level II
	Fa/Spr		STA 3513 Probability & Stats				IIA: U.S. History (6 hr)
	Fa/Spr						(HIS 1043, 1053 or 2053)
<b>9 hrs Approved* UD MAT/STA Electives:</b>							IIB: Political Sci (6 hr)
<b>(3000/4000 level)</b>							(POL 1133 or 1213)
	Semester	C or better	School				POL 1013
			MAT/STA				IIC: Soc/Beh Sci (3 hr)
			MAT/STA				IID: Economics (3 hr)
			MAT/STA				ECO
							IIIA: Literature (3 hr)
*MAT 3103, 3123, 3253, 4013, 4113, 4123, 4303 may not be used!							IIIB: The Arts (3 hr)
							IV: WSI (3 hr)

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 1 (non-transfer) MAT/STA sub is permitted: only in the semester of grad. & only if the required course is not offered.

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.

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Advisor's Signature

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Date