

# UTSA BACHELOR OF SCIENCE IN MATHEMATICS GENERAL MATHEMATICAL STUDIES CONC (with teacher certification) 2008-10

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

22 hrs Required ("C" or better):	Semester	Grade	School	6 hrs Acad Foundations:	Semester	Grade	School
MAT 1214 Calculus I				COM 1043 Intro to Comm			
MAT 1223 Calculus II				Free Elective			
MAT 2213 Calculus III				<b>39 hrs Core Curriculum</b> <b>Rhetoric</b> Rhetoric: 6 hrs  <b>Domain IA</b> Mathematics: 3 hrs satisfied in major/support work <b>Domain IB</b> Natural Sci: 6 hrs - Level I Level II  <b>Domain IIA</b> U.S. History: 6 hrs HIS 1043 or 1053 or 2053 <b>Domain IIB</b> Political Sci: 6 hrs POL 1133 or 1213 <b>Domain IIC</b> Soc/Beh Sci: 3 hrs <b>Domain IID</b> Economics: 3 hrs <b>Domain IIIA</b> Literature: 3 hrs <b>Domain IIIB</b> The Arts: 3 hrs <b>Domain IV</b> World Issues & Soc: 3 hrs	See catalog for course selection.		
MAT 2233 Linear Algebra					Course	Grade	School
MAT 3013 Found of Math	Fa/Spr/Sum				WRC 1013		
MAT 3213 Found of Analysis	Fa/Spr/Sum				WRC 1023		
MAT 4213 Real Analysis I	Fa/Spr/Sum						
<b>24 hrs GMS Conc ("C" or better):</b>	Semester	Grade	School				
CS 1063 Intro Comp Prog or CS 2073 Comp Prog w/ E App							
MAT 3103 Data Analysis	Fall						
MAT 3233 Modern Alg or MAT 4233 Mod Abstract Alg	Fa/Spr/Sum Spr						
MAT 4013 Graphing Calc	Fall						
MAT 4113 Comp Math Topics	Spr/Sum						
MAT 3123 Modern Geo or MAT 4263 Geometry	Fall Spr						
MAT 4303 Capstone*	Fall						
MAT 3XX3**							

\*preferably the semester before student teaching

\*\*MAT 3253, STA 3533 & STA 3543 **may not** be used

Q's? See Teacher Cert advisor in MB 3.214 (210-458-6287).

30 hrs for Teacher Cert:	Semester	Grade	School
IDS 2013 Intro to Learning or UTE 1011, 1021, 1031			
EDU 2103 Ed In Am Society			
EDP 3203 Learn & Dev Sec			
SPE 3603 Intro Exceptnality			
BBL 3403 Cult & Ling Divers			
EDP 4203 Assessmt & Eval			
RDG 3773 Content Area			
C&I 4203 Models of Teaching			
C&I 4646 or 4656 Std Teach			

Check with the Math Dept for when courses will be offered.

Notes: 120 hrs are required for BS/GMS, including 39 UD.  
This plan shows 121 hrs b/c extra hr required by Teacher Cert.  
All other provisions of the catalog must be met.  
Some UD Math courses are offered ONLY 1x/year or 1x/2yrs.  
Only one (non-transfer) MAT sub is permitted: only in the semester of graduation and only if the required course is not offered.