

UTSA Bachelor of Science in Mathematics - GMS concentration
Four-Year Plan **with Teacher Certification**
2008-2010 **starting with MAT 1093**

FALL		FIRST YEAR		SPRING		
MAT 1093	Precalculus	3		MAT 1214	Calculus I	4
CS 1063 OR 2073	Comp Programming	3		CORE	Domain IIIA: Literature	3
WRC 1013	Freshman Composition I	3		COM 1043	Intro to Communications	3
CORE	Domain I: Science Level I	3		WRC 1023	Freshman Composition II	3
CORE	Domain IIA: History	3		UTE 1021	U Teach Math/Sci II	1
UTE 1011	U Teach Math/Sci I	1				
TOTAL		16		TOTAL		14
SUMMER						
MAT 1223	Calculus II	3		CORE	Domain IIIB: Arts	3
SECOND YEAR						
MAT 2213	Calculus III	3		MAT 3213	Foundations of Analysis***	3
MAT 3103	Data Analysis^^	3		MAT 2233	Linear Algebra	3
MAT 3013	Foundations of Math***	3		CORE	Domain I: Science Level II	3
UTE 1031	U Teach Math/Sci III	1		CORE	Domain IIB: Politics	3
EDU 2103	Education in American Soc	3		EDP 3203	Learning & Dev Sec School	3
TOTAL		13		TOTAL		15
THIRD YEAR						
MAT 4213	Real Analysis I**	3		MAT 4263	Geometry* OR	3
MAT 3233	Modern Algebra*** OR	3		MAT 3123	Modern Geometry^^	
MAT 4233	Modern Abstract Algebra*			MAT 3XX3	Upper-division Math Elective	3
BBL 3403	Cultural & Linguistic Diversity	3		EDP 4203	Assessment & Evaluation	3
POL 1013	Domain IIB: Politics	3		SPE 3603	Intro to Exceptionalities	3
CORE	Domain IIC: Soc/Beh Science	3		CORE	Domain IID: Economics	3
TOTAL		15		TOTAL		15
SUMMER						
MAT 4113	Computer Math Topics^^^	3		CORE	Domain IIA: History	3
FOURTH YEAR						
MAT 4013	Graphing Calculator Topics^^	3		C&I 4646	Student Teaching Secondary	6
RDG 3773	Intro to Content Area	3				
C&I 4203	Teaching Secondary School	3				
CORE	Domain IV: World Society	3				
MAT 4303	Capstone Course for Math#	3				
TOTAL		15		TOTAL		6

Total hrs for BS/MAT- GMS WITH Certification is 121, including 39 at UD level.

Total hrs listed here: 121

Notes: It is understood that all other provision of the catalog must be met.

*offered spring only

***offered spring, fall and summer

**offered in fall and spring

^offered in summer and fall only

^^offered in spring and summer

^^offered fall only

scheduled to be offered in fall but subject to change

Students seeking secondary certification should see a CoEHD advisors during their sophomore year.

Some upper-division MAT courses are offered only once a year. Check with Math Dept for scheduling.

Only one (non-transfer) MAT sub per student is permitted: only in semester of graduation & only if required course is not offered.