

UTSA Bachelor of Science in Mathematics - GMS concentration
Four-Year Plan **with Teacher Certification**
2008-2010 **starting with MAT 1214**

FALL	FIRST YEAR		SPRING	
MAT 1214 Calculus I	4		MAT 1223 Calculus II	3
CS 1063 OR 2073 Comp Programming	3		MAT 3013 Foundations of Math***	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		CORE Domain IIA: History	3
UTE 1011 U Teach Math/Sci I	1		UTE 1021 U Teach Math/Sci II	1
TOTAL	17		TOTAL	16
SECOND YEAR				
MAT 2213 Calculus III	3		MAT 3213 Foundations of Analysis***	3
MAT 3103 Data Analysis^^	3		MAT 2233 Linear Algebra	3
EDU 2103 Education in American Soc	3		EDP 3203 Learning & Dev Sec School	3
CORE Domain I: Science Level II	3		CORE Domain IIIB: Arts	3
CORE Domain IIIA: Literature	3		CORE Domain IIB: Politics	3
UTE 1031 U Teach Math/Sci III	1			
TOTAL	16		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		ELEC Free Elective	3
FOURTH YEAR				
MAT 4303 Capstone Course for Math#	3		C&I 4646 Student Teaching Secondary	6
MAT 4013 Graphing Calculator Topics^^	3			
RDG 3773 Intro to Content Area	3			
C&I 4203 Teaching Secondary School	3			
CORE Domain IV: World Society	3			
TOTAL	15		TOTAL	6

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

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.