

**BACHELOR OF ARTS
MAJOR IN MATHEMATICS
WITH GRADES 7 - 12 CERTIFICATION**

Following is a suggested four-year degree plan. Students are encouraged to see their advisor each semester for help with program decisions and enrollment; responsible for reviewing the **Program of Study Requirements**; and must meet **foreign language** and **writing intensive course** requirements for graduation. See Academic Regulations-Undergraduate online.

*See *Appendix A Core Curriculum and Optional Course Information*.

FALL	HOURS	SPRING	HOURS
FRESHMAN YEAR		FRESHMAN YEAR	
ENGL 1301 English Composition I	3	ENGL 1302 English Composition II	3
HIST 1301 The U.S. To 1877	3	HIST 1302 The U.S. Since 1877	3
MATH 2413 Calculus I	4	MATH 2414 Calculus II	4
UNIV 1101 Learning in a Global Context I	1	UNIV 1402 Signature Course	4
	3	EDCI 1102 Intro to Teaching Profession	<u>1</u>
PYSC 2314 Lifespan Growth&Develop	<u>3</u>		
Total	17		15
SOPHOMORE YEAR		SOPHOMORE YEAR	
PSCI 2305 American National Govt	3	COSC 1136 Funds of Progr Lab	1
MATH 3365 Discrete Mathematics	3	COSC 1336 Fundamentals of Progr	3
MATH 2415 Calculus III	4	MATH 3310 Introduction to Linear Algebra	3
	3	PSCI 2306 American State Govt	3
EDCI 2210 Foundations of Education	2	EDCI 3224 Teaching in Diverse Settings ¹	2
	3	Life&Physical Science*	3
	<u>1</u>	Life&Physical Science Lab	<u>1</u>
Total	19		16
JUNIOR YEAR		JUNIOR YEAR	
MATH 3371 Communications in Math	3	MATH 3325 Geometry	3
MATH 3360 Statistical Analysis	3	MATH 4310 Abstract Algebra	3
MATH 3330 Differential Equations	3	MATH 4335 Advanced Calculus	3
	3	For Lang/Study Abroad ²	3
EDCI 3301 Assessment for Instr Design	3	EDRD 3320 Content Reading	<u>3</u>
EDCI 3302 Tchng English Lang Lrnrs	<u>3</u>		
Total	18		15
SENIOR YEAR		SENIOR YEAR	
MATH 4390 Math Middle/High School	3	EDSE 4350 Incl Pract Exceptl Children	3
EDCI 3315 Eff Instr Diverse Populations	3	EDCI 4693 Student Teaching ³	<u>6</u>
EDCI 4310 Engaging Learners	3		
	<u>2</u>		
Total	11		9

TOTAL SEMESTER CREDIT HOURS: 120

¹Students must apply for admission to the College of Education while enrolled in EDCI 3224.

²Foreign Language/Study Abroad: 6 SCH in course work (not credit by exam) above the university's foreign language graduation requirement. Thus students who meet the university's foreign language graduation requirement by earning 6 hours of credit by exam, may take 6 SCH in the same language but at the intermediate level or above, or they may take 6 SCH of another foreign language at the introductory level. This requirement may also be met by earning 6 SCH in any subject while participating in a TAMU-approved Study Abroad program while living for at least 4 weeks in another country.

³Students are admitted to student teaching only after passing the certification exam to teach secondary mathematics.

*Actual degree plans may vary depending on availability of courses in a given semester.
Some courses may require prerequisites not listed.*