

**BACHELOR OF ARTS
MAJOR IN MATHEMATICS**

Following is one 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*.

**See *Appendix C* for approved list of minors and requirements. Instead of a minor, students may complete 18 SCH of electives, 12 SCH of which must be at the 3000-4000 level, from any discipline, except the major field, outside the College of Nursing and Health Sciences.

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	Life&Physical Science*	3
	<u>1</u>	Life&Physical Science Lab	<u>1</u>
Total	15		18
SOPHOMORE YEAR		SOPHOMORE YEAR	
COSC 1136 Funds of Progr Lab	1	MATH 3360 Statistical Analysis	3
COSC 1336 Fundamentals of Progr	3	MATH 3310 Introduction to Linear Algebra	3
MATH 3365 Discrete Mathematics	3	PSCI 2306 American State Govt	3
MATH 2415 Calculus III	4	Foreign Language/Study Abroad	3
PSCI 2305 American National Govt	3	Creative Arts*	<u>3</u>
	<u>3</u>		
Total	17		15
JUNIOR YEAR		JUNIOR YEAR	
MATH 3371 Communications in Math	3	MATH 4310 Abstract Algebra	3
MATH 3330 Ord Diff Equations	3	Advanced Elective ¹	3
MATH 4335 Advanced Calculus	3	Advanced Elective ¹	3
	3	Minor/General Elective**	3
	<u>3</u>	Minor/General Elective**	<u>3</u>
Total	15		15
SENIOR YEAR		SENIOR YEAR	
General Elective	4	MATH 4345 Complex Variables	3
Adv Elective ¹	3	Adv Elective ¹	3
Adv Minor/Gen Elective**	3	Adv Minor/Gen Elective**	3
Adv Minor/Gen Elective**	<u>3</u>	Adv Minor/Gen Elective**	<u>3</u>
Total	13		12
TOTAL SEMESTER CREDIT HOURS: 120			

¹Electives, select 12 SCH at the 3000-4000 level from arts, economics, humanities, natural sciences and social sciences. Courses must be outside the major and minor unless seeking a double major.

²Foreign Language/Study Abroad, select 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.

NOTE: See [combined BA/MA programs](#) in this section.

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