

# SUGGESTED PROGRAM – BACHELOR OF ARTS IN MATHEMATICS

## FIRST YEAR

<b>Fall Semester Suggested Program</b>	
<b>Courses</b>	<b>Hours</b>
<b>ENGL 1303.</b> First Year Writing I (Communication Core)	3
<b>MATH 1431.</b> Calculus I	4
Foreign Language	5
<b>HIST 1377.</b> The United States to 1877	3
Total	15
<b>Spring Semester Suggested Program</b>	
<b>Courses</b>	<b>Hours</b>
<b>ENGL 1304.</b> First Year Writing II (Communication Core)	3
<b>MATH 1432.</b> Calculus II	4
Foreign Language	5
<b>HIST 1378.</b> The United States Since 1877	3
Total	15

## SECOND YEAR

<b>Fall Semester Suggested Program</b>	
<b>Courses</b>	<b>Hours</b>
<b>MATH 2331:</b> Linear Algebra	3
<b>MATH 2433:</b> Calculus III	4
Natural Science (Must be approved for majors in the discipline.)	3
Foreign Language	3
Social & Behavioral Sciences Core	3
Total	16
<b>Spring Semester Suggested Program</b>	
<b>Courses</b>	<b>Hours</b>
<b>MATH 3330.</b> Abstract Algebra	3
<b>MATH 3331.</b> Differential Equations	3
Natural Science with lab (Must be approved for majors in the discipline.)	4
Foreign Language	3
Writing in the Discipline Core	3

Total	16
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## THIRD YEAR

<b>Fall Semester Suggested Program</b>	
<b>Courses</b>	<b>Hours</b>
<b>MATH 3333.</b> Intermediate Analysis	3
MATH Elective (3000- or 4000-level)	3
<b>POLS 1336.</b> U.S. and Texas Constitutions and Politics or equivalent	3
Humanities Core	3
Free Elective	4
Total	16

  

<b>Spring Semester Suggested Program</b>	
<b>Courses</b>	<b>Hours</b>
<b>MATH 3334:</b> Advanced Multivariable Calculus, or <b>3335:</b> Vector Analysis, or <b>3364:</b> Intro to Complex Analysis	3
MATH Elective (3000- or 4000-level)	3
<b>POLS 1337.</b> U.S. Government: Congress, President and Courts	3
Visual and Performing Arts Core	3
Free Elective	3
Total	15

## FOURTH YEAR

<b>Fall Semester Suggested Program</b>	
<b>Courses</b>	<b>Hours</b>
Math Electives (4000-level)	6
NSM Capstone	3
Free Electives	6
Total	15

  

<b>Spring Semester Suggested Program</b>	
<b>Courses</b>	<b>Hours</b>
<b>MATH 4389.</b> Survey of Undergraduate Mathematics	3
Math Elective (4000-level)	3
NSM Capstone	3
Free Elective	3
Total	12