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**BS IN MATHEMATICS (WITHOUT SECONDARY  
TEACHING CERTIFICATION)  
FOREIGN LANGUAGE OPTION  
WITH CERTIFICATE IN ACTUARIAL SCIENCE  
ACADEMIC MAP  
CATALOG YEAR: 2016-17**

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The Bachelor of Science with a major in mathematics (without certification) with the Certificate in Actuarial Science prepares students for careers in the financial services industry.

FALL	Hrs.
ENGL 1310/1313 or TECM 1700*	3
MATH 2000	3
MATH 1710	4
PSCI 1040	3
ECON 1100	3
<i>Total Hours</i>	<i>16</i>

**Milestones**

Maintain at least a 2.0 UNT and overall GPA.

SPRING	Hrs.
TECM 2700	3
ECON 1110	3
MATH 1720	3
PSCI 1050	3
CSCE 1010 or 1020 or 1030	3 or 4
<i>Total Hours</i>	<i>15 or 16</i>

**Milestones**

Maintain at least a 2.0 UNT and overall GPA.  
Completion of ECON 1100 and 1110, earning at least a B in both.  
See an advisor for permission to enroll in FINA 3770.

FALL	Hrs.
HIST 2610	3
MATH 2700	3
MATH 2730	3
Lab Science***	4
FINA 3770****	3
<i>Total Hours</i>	<i>16</i>

**Milestones**

Maintain at least a 2.0 UNT and overall GPA.

SPRING	Hrs.
HIST 2620	3
MATH 3000	3
MATH 3680	3
Lab Science***	4
Certificate (RMIN 2500 suggested)	3
<i>Total Hours</i>	<i>16</i>

**Milestones**

Maintain at least a 2.5 UNT and overall GPA.  
Completion of MATH 2700, 2730, and 3000.  
Completion of FINA 3770.

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<b>FALL</b>	<b>Hrs.</b>
MATH 3510	3
MATH 4610	3
Elective	3
FINA 4200	3
Lab Science***	4
<b>Total Hours</b>	<b>16</b>
<b>Milestones</b>	
Maintain at least a 2.0 UNT and overall GPA. Maintain at least a 2.0 GPA in all math courses numbered 3350 and higher	

<b>SPRING</b>	<b>Hrs.</b>
MATH 4650	3
MATH 3410	3
FINA 4210	3
Language, Philosophy, and Culture*	3
LANG 1010 or SPAN 1030****	3
<b>Total Hours</b>	<b>15</b>
<b>Milestones</b>	
Maintain at least a 2.0 UNT and overall GPA. Maintain at least a 2.0 GPA in all math courses numbered 3350 and higher Completion of MATH 4610. Attempt first actuarial exam. At least 15 advanced hours completed.	

<b>FALL</b>	<b>Hrs.</b>
MATH 3740	3
MATH elective 3350 or higher (3350 suggested)	3
LANG 1020 or Elective****	3
ECON 4870	3
Creative Arts*	3
<b>Total hours</b>	<b>15</b>
<b>Milestones</b>	
Maintain at least a 2.0 UNT and overall GPA. Maintain at least a 2.0 GPA in all math courses numbered 3350 and higher. At least 27 advanced hours completed.	

<b>SPRING</b>	<b>Hrs.</b>
Elective	3
MATH elective 3350 or higher (3420 suggested)	3
Certificate (Advanced)	3
Certificate (ECON 4030 suggested)	3
Elective	0 or 1
<b>Total hours</b>	<b>12 or 13</b>
<b>Milestones</b>	
Maintain at least a 2.0 UNT and overall GPA. Maintain at least a 2.0 GPA in all math courses numbered 3350 and higher Attempt second actuarial exam. At least 42 advanced hours completed.	

\*See the [University Core Curriculum](#) section of this catalog for approved list of course options.

\*\*See Arts and Sciences [degree requirements](#) section of this catalog for approved list of course options.

\*\*\*See the mathematics major requirements for an approved list of courses.

\*\*\*\* Math majors pursuing a certificate in actuarial science who earn a C in both MATH 1710 and ECON 1100 may enroll in FINA 3770 without taking ACCT 2010 and 2020. See an advisor for details

\*\*\*\*\* Students who took two or more years of Spanish in high school may take SPAN 1030 instead of two classes in a different foreign language.