
**BA IN MATHEMATICS (WITHOUT CERTIFICATION)
WITH CERTIFICATE IN ACTUARIAL SCIENCE
ACADEMIC MAP
CATALOG YEAR: 2016-17**

The Bachelor of Arts 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
LANG 2040**	3
MATH 1710	4
MATH 2000	3
ECON 1100	3
<i>Total Hours</i>	<i>16</i>
Milestones Maintain at least a 2.0 UNT and overall GPA.	

SPRING	Hrs.
English Core (TECM 2700)*	3
LANG 2050**	3
MATH 1720	3
CSCE 1010 or 1020 or 1030	3 or 4
ECON 1110	3
<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.
PSCI 1040	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.
PSCI 1050	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 2.0 UNT and overall GPA. Completion of MATH 2700, 2730, and 3000. Completion of FINA 3770.	

FALL	Hrs.
MATH 3510	3
MATH 4610	3
FINA 4200	3
Lab Science***	4
HIST 2610	3
<i>Total Hours</i>	<i>16</i>
Milestones	
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	

SPRING	Hrs.
MATH 4650	3
Language, Philosophy, and Culture*	3
FINA 4210	3
Creative Arts*	3
HIST 2620	3
<i>Total Hours</i>	<i>15</i>
Milestones	
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. Completion of at least 15 advanced hours.	

FALL	Hrs.
MATH 3740	3
MATH 3350 or 3410	3
ECON 4870	3
Elective	3
Elective	3
<i>Total hours</i>	<i>15</i>
Milestones	
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 at least 27 advanced hours.	

SPRING	Hrs.
Math Elective (3350 or higher)	3
Certificate (advanced; ECON 4030 suggested)	3
Certificate (advanced)	3
Elective	1 or 2
<i>Total hours</i>	<i>10 or 11</i>
Milestones	
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 at least 42 advanced hours. Attempt second actuarial exam.	

*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