College of Basic and Applied Sciences
Upper Division Form 2014-2015 Catalog

Student name _____   Student # _____

Major   **MATHEMATICS**   Minor _____

Concentration   **ACTUARIAL SCIENCE**   E-mail _____

Instructions: For students graduating in Fall 2014 or later. *One (1) copy signed by major and minor advisors should be filed in Jones Hall 115 three semesters before anticipated graduation.   An Intent to Graduate form should also be filed in Jones Hall 115 at the time of Upper Division Form submission.*

General Education	Course	Semester	Grade	Notes	Credit Hours
COMMUNICATION (9 hours)	ENGL 1010				3
	ENGL 1020				3
	COMM 2200				3
HISTORY (6 hours) Choose two: HIST 2010, HIST 2020,HIST 2030					3
					3
HUMANITIES AND/OR FINE ARTS (9 hours) Choose one: ENGL 2020, 2030, HUM 2610. Choose two (different rubrics): ANTH 2210, ART 1030 or 1920, DANC 1000, HIST 1010, 1020, 1110, 1120, MUS 1030, PHIL 1030, THEA 1030					3
					3
					3
MATHEMATICS (3 hours)	MATH 1910			Will need 1730 Pre-Calculus first if do not have a 26 Math subscore on ACT. Also considered part of the major.	3 of 4
NATURAL SCIENCES (8 hours) Choose two (different rubrics): ASTR 1030/1031, BIOL 1030/1031, BIOL 1110/1111,BIOL 2010/2011,BIOL 2020/2021, CHEM 1010/1011, CHEM 1110/1111, GEOL 1030/1031,GEOL 1040/1041, PHYS 1110, PHYS 2010/2011,PHYS 2110/2111, PSCI 1030/1031, PSCI 1130/1131					4
					4
SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose one: AAS 2100, ANTH 2010, GEOG 2000,GS 2010, HLTH 1530/1531, EMC/JOUR/RIM 1020, PS 1010, PS 1005, PSY 1410, RS 2030, SOC 1010, SOC 2010, WGST 2100	ECON 2410				3
					3
				Hours Required	41

Major Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
Calculus I – (4 hours)	MATH 1910				1(+3)
Calculus II – (4 hours)	MATH 1920				4
Calculus III – (4 hours)	MATH 3110				4
STAT 3150 (3 hrs) *or both* MATH 2010 and MATH 2050 (6 hrs)					3-6
Mathematical Foundations of Actuarial Science	ACSI 4140				3
Intro to Math of Investment	ACSI 4200				3
Mathematics of Pricing Theory	ACSI 4220				3
Mathematics of Compound Interest	ACSI 4230				3
Actuarial Mathematics I	ACSI 4330				3
Choose 2 from: **ACSI 4240, 4340, 4630, 4640; STAT 4200**	____ ____				6
	____ ____				
				Hours Required	33 (36)

Revised 3.10.2014

Supporting and Elective Courses (2.0 GPA required)				
Course	Semester	Grade	Notes	Credit Hours
ACTG 3000				3
CSCI 1170				4
CSCI/INFS elective				3
ECON 2420				3
FIN 3610				3
MATH 4990 – Seminar in Mathematics				3
STAT 4190				3
STAT 4320				3
Elective				0-6
			Hours Required	25-31

Required Minor in the College of Business (Insurance minor strongly suggested)				
Course	Semester	Grade	Notes	Credit Hours
				3
				3
				3
				3
				3
				0-3
			Hours Required	15-18

Signed:		
	Minor Advisor	Date

1. Degrees require a minimum of 120 semester hours (12 of the last 18 at MTSU) with a 2.0 GPA, a minimum of 42 upper-division hours (30 at MTSU) with a 2.0 GPA, and a minimum of 60 senior college hours.
2. Learning Support courses do not count toward the 120-hour requirement or cumulative degree GPA.

Signed:		
	Major Advisor	Date

Local Address: _____   Phone: _____

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