

**College of Basic and Applied Sciences  
2007-2009 Upper Division Form  
Department of Mathematical Sciences**

Student name \_\_\_\_\_ Student # \_\_\_\_\_  
 Major     **MATHEMATICS**     Minor \_\_\_\_\_  
 Concentration     **ACTUARIAL SCIENCE**     E-mail \_\_\_\_\_

**Instructions: For students graduating in Fall 2007 or later. One (1) copy signed by major and minor advisors should be filed with the Graduation Coordinator, Jones Hall 115, three semesters prior to graduation. An Intent to Graduate Form should accompany this form.**

General Education	Course	Semester	Grade	Notes	Credit Hours
<b>COMMUNICATION</b> (9 hours)	ENGL 1010				3
	ENGL 1020				3
	COMM 2200				3
<b>HISTORY</b> (6 hours) Choose two: HIST 2010, HIST 2020, HIST 2030					3
					3
<b>HUMANITIES AND/OR FINE ARTS</b> (9 hours) Choose one: ENGL 2020, 2030, HUM 2610. Choose two (different rubrics): ANTH 2210, ART 1030, 1910, or 1920, DANC 1000, HIST 1010, 1020, 1110, 1120, MUS 1030, PHIL 1030, THEA 1030					3
					3
					3
<b>MATHEMATICS</b> (3 hours)	<b>MATH 1910</b>			Will need 1730 Pre-Calculus first if do not have a 26 Math subscore on ACT. Also considered part of the major.	3
<b>NATURAL SCIENCES</b> (8 hours) Choose two (different rubrics): ASTR 1030/1031, BIOL 1030, BIOL 1110, 2010, 2020, CHEM 1010, CHEM 1030, CHEM 1110, GEOL 1030/1031, GEOL 1040, PHYS 2010/2011, PHYS 2110/2111, PSCI 1030					4
					4
<b>SOCIAL/BEHAVIORAL SCIENCES</b> (6 hours) Choose one: AAS 2100, ANTH 2010, EMC/JOUR/RIM 1020, GEOG 2000, HLTH 1530/5131, PS 1010, 2010, PSY 1410, SOC 1010 or 2010, WMST 2100, GS 2010	<b>ECON 2410</b>				3
					3
<b>Hours Required</b>					<b>41</b>

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

Supporting and Elective Courses				
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
<b>Hours Required</b>				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
<b>Hours Required</b>				15-18
<b>Signed:</b>				
	<b>Minor Advisor</b>			<b>Date</b>

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. Remedial/developmental courses do not count toward the 120-hour requirement or cumulative degree GPA.

<b>Signed:</b>			
	<b>Major Advisor</b>		
	<b>Date</b>		

**Mailing address where the College Graduation Coordinator will send correspondence:**

**Street, route no., or P.O. Box** \_\_\_\_\_

**City, state, zip** \_\_\_\_\_