

**College of Basic and Applied Sciences
Upper Division Form Fall 2015-2016 Catalog**

Student name _____ Student # _____
 Major **MATHEMATICS** Minor _____
 Concentration **PROFESSIONAL MATH – BUSINESS TRACK** E-mail _____

Instructions: For students graduating in Fall 2015 or later. One (1) copy signed by major and minor advisors should be filed in KUC 322 three semesters before anticipated graduation. The Intent to Graduate form should also be filed in KUC 322 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 1030/1031, 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	MATH 1910			Three hours counted in Gen. Ed. All 4 hours are also considered part of the major.	1 (+3)
Calculus II	MATH 1920				4
Calculus III	MATH 3110				4
Elements of Linear Algebra	MATH 2010				3
Foundations of Higher Mathematics	MATH 3460				3
Regression Analysis STAT 4360 <u>or</u> Stat for Forecasting STAT 4200	STAT ____				3
Mathematical Stat. I STAT 3150 <u>or</u> Prob. & Stat. MATH 2050	____ ____				3
Mathematical Statistics II	STAT 4190				3
ACSI 4200 <u>or</u> MATH 4200	____ 4200				3
6 hours of ACSI or STAT electives chosen from : ACSI 4220, 4230, 4630, 4640; STAT 4320, 4380	____ ____				3
	____ ____				3
Hours Required					33 (36)

Supporting and Elective Courses (Grade of C or better required for Supporting Courses)				
Course	Semester	Grade	Notes	Credit Hours
ECON 2420				3
11 hours of CSCI/INFS/QM electives (see notes)			Examples: CSCI 1170, 2170; INFS 2200, 3200, 3500, 4790, 4830; QM 4010	11
ACTG 2110/2120 or 3000				3-6
MATH 4990 Seminar in Mathematics				3
Hours Required				20

Electives (at least 8 credits must be taken at the 3000/4000 level)				
Course	Semester	Grade	Notes	Credit Hours
Hours Required				26

Minor (Optional)				
Course	Semester	Grade	Notes	Credit Hours
Hours Required				
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