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

Student name _____   Student # _____

Major **MATHEMATICS** _____   Minor _____

Concentration **PROFESSIONAL MATH – ADVANCED TRACK** ____   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 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 two: AAS 2100, ANTH 2010, ECON 2410, 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					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
Elements of Linear Algebra	MATH 2010				3
Probability and Statistics (**MATH 2050**) or Math.Stat. I (**STAT 3150**)	____ ____				3
Calculus III	MATH 3110				4
Differential Equations I	MATH 3120				3
Foundations of Higher Mathematics	MATH 3460				3
Theory of Calculus	MATH 4250				3
Abstract Algebra I	MATH 4510				3
Choose one course from List A. Choose a second course from List A or List B. List A: **MATH 4420, MATH 4230, MATH 3260** List B: **MATH 4270, MATH 4530, MATH 4700**	MATH ____				3
	MATH ____				3
				Hours Required	33 (36)

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Supporting and Elective Courses				
Course	Semester	Grade	Notes	Credit Hours
CSCI 1170 Computer Science I				4
MATH 4990 Seminar in Mathematics				3
9 hours upper division MATH/ACSI/STAT courses				3
				3
				3
Electives (Six hours of a foreign language recommended.)				12
Hours Required				28

Minor				
Course	Semester	Grade	Notes	Credit Hours
				3
				3
				3
				3
				3
				3
Hours Required				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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