

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

Student name _____ Student # _____
 Major **MATHEMATICS** Minor **Secondary Education**
 Concentration **MATHEMATICS EDUCATION** 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
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, 1910, 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 (+1)
NATURAL SCIENCES (8 hours) Choose two (different rubrics): ASTR 1030/1031, BIOL 1030/1031, 1110/1111, 2010/2011, 2020/2021, CHEM 1010/1011, 1030/1031, 1110/1111, GEOL 1030/1031, 1040/1041, PHYS 2010/2011, 2110/2111, PSCI 1030/1031					4
					4
SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose one: AAS 2100, ANTH 2010, EMC/JOUR/RIM 1020, ECON 2410, GEOG 2000, HLTH 1530/5131, PS 1010, 2010, PSY 1410, SOC 1010 or 2010, WMST 2100, GS 2010					3
					3
Hours Required					41

Major Courses (Grade of C or better required for Major Courses) (2.5 GPA pre-requisite for Directed Teaching)	Course	Semester	Grade	Notes	Credit Hours
Calculus I	MATH 1910			Three hours count 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
MATH 2050 Probability and Statistics <u>or</u> STAT 3150 Math Statistics (complete concurrently with or before MATH 2110))	_____				3
College Geometry	MATH 3070				3
Calculus III	MATH 3110				4
Foundations of Higher Math	MATH 3460				3
Abstract Algebra I	MATH 4510				3
History and Philosophy of Mathematics	MATH 4620				3
Seminar in Mathematics	MATH 4990				3
MATH elective	MATH _____				3
Hours Required					36

Supporting and Elective Courses	Semester	Grade	Notes	Credit Hours
MATH 2110 Data Analysis (complete concurrently with or after MATH 2050)				1
MATH 3320 Teaching Mathematics in Grades 5-8				3
MATH 3330 Teaching Mathematics in Grades 9-12				3
MATH 4540 Topics in Secondary School Mathematics				3
CSCI 1170 Computer Science I				4
Elective				2
Hours Required				16

Required Secondary Education Minor	Semester	Grade	Notes	Credit Hours
FOED 1110 Education as a Profession				3
FOED 2110 Educational Psychology				3
SPED 3010 Survey of the Exceptional Child				3
SPSE 3220 Technology in Teaching				3
YOED 3500 Instructional Design for Critical Thinking				3
READ 4460 Teaching Reading in the Content Areas				3
YOED 4000 Managing the Classroom for Instruction (3 hours)				
YOED 4110 Directed Teaching (9 hours)			YOED 4110 and YOED 4000 must be taken concurrently	12
Hours Required				30
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. Remedial/developmental courses do not count toward the 120-hour requirement or cumulative degree GPA.

Signed:		
	Major Advisor	Date

Mailing address where the College Graduation Coordinator will send correspondence:

Street, route no., or P.O. Box _____

City, state, zip _____