

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

Student name _____ Student # _____
 Major **MATHEMATICS** Minor _____
 Concentration **APPLICATIONS OF MATH – INDUSTRIAL TRACK** 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 of 4
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, GEOL 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 (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
Calculus III	MATH 3110				4
Differential Equations I	MATH 3120				3
STAT 3150 – Mathematical Stat. I or MATH 2050 – Prob. & Stat.	MATH 3460				3
Differential Equations II	MATH 3260				3
Foundations of Higher Mathematics	MATH 3460				3
Theory of Calculus	MATH 4250				3
Numerical Analysis I	MATH 4310				3
Advisor approved Math elective	_____				3
Hours Required					33 (36)

Supporting and Elective Courses				
Course	Semester	Grade	Notes	Credit Hours
PHYS 2120/2121 (recommended)				4
MATH 4990 Seminar in Mathematics				3
Complete 9 hours from : MATH 4230, 4270, 4320, 4601, 4700; STAT 4190				3
				3
				3
CSCI 1170 (can be counted toward CSCI minor)				4
CSCI 2170 (can be counted toward CSCI minor)				4
Elective				4
Hours Required				28

Minor <i>(Must be chosen from: Computer Science, Physics, Chemistry, Biology, Aerospace, or Industrial Technology)</i>				
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. Remedial/developmental courses do not count toward the 120-hour requirement or cumulative degree GPA.

Signed:			
	Major Advisor		

Mailing address where the College Graduation Coordinator will send correspondence:

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

City, state, zip _____