

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

Student name \_\_\_\_\_ Student # \_\_\_\_\_  
 Major **MATHEMATICS** Minor \_\_\_\_\_  
 Concentration **PROFESSIONAL MATH – ADVANCED 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 be submitted with 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)<br>Choose two: HIST 2010, HIST 2020, HIST 2030  |                  |          |       |  | 3            |
|  |                  |          |       |  | 3            |
| <b>HUMANITIES AND/OR FINE ARTS</b> (9 hours)<br>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 of 4       |
| <b>NATURAL SCIENCES</b> (8 hours)<br>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            |
| <b>SOCIAL/BEHAVIORAL SCIENCES</b> (6 hours)<br>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            |
| <b>Hours Required</b>  |                  |          |       |  | 41           |

| Major Courses  | Course            | Semester | Grade | Notes  | Credit Hours |
|--|-------------------|----------|-------|--|--------------|
| Calculus I   | <b>MATH 1910</b>  |          |       | Three hours counted in Gen. Ed. All 4 hours are also considered part of the major. | 1 (+3)       |
| Calculus II  | <b>MATH 1920</b>  |          |       |  | 4            |
| Elements of Linear Algebra   | <b>MATH 2010</b>  |          |       |  | 3            |
| Probability and Statistics ( <b>MATH 2050</b> ) or Math.Stat. I ( <b>STAT 3150</b> )   | _____             |          |       |  | 3            |
| Calculus III   | <b>MATH 3110</b>  |          |       |  | 4            |
| Differential Equations I   | <b>MATH 3120</b>  |          |       |  | 3            |
| Foundations of Higher Mathematics  | <b>MATH 3460</b>  |          |       |  | 3            |
| Theory of Calculus   | <b>MATH 4250</b>  |          |       |  | 3            |
| Abstract Algebra I   | <b>MATH 4510</b>  |          |       |  | 3            |
| Choose one course from List A. Choose a second course from List A or List B.<br>List A: <b>MATH 4420, MATH 4230, MATH 3260</b><br>List B: <b>MATH 4270, MATH 4530, MATH 4700</b> | <b>MATH _____</b> |          |       |  | 3            |
|  | <b>MATH _____</b> |          |       |  | 3            |
| <b>Hours Required</b>  |                   |          |       |  | 33 (36)      |

| Supporting and Elective Courses                          |          |       |       |              |
|--|----------|-------|-------|--------------|
| Course   | Semester | Grade | Notes | Credit Hours |
| CSCI 1170  |          |       |       | 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           |
|  |          |       |       |              |
|  |          |       |       |              |
|  |          |       |       |              |
| <b>Hours Required</b>                                    |          |       |       | <b>28</b>    |

| Minor                 |               |       |       |              |
|-----------------------|---------------|-------|-------|--------------|
| Course                | Semester      | Grade | Notes | Credit Hours |
|                       |               |       |       | 3            |
|                       |               |       |       | 3            |
|                       |               |       |       | 3            |
|                       |               |       |       | 3            |
|                       |               |       |       | 3            |
|                       |               |       |       | 3            |
| <b>Hours Required</b> |               |       |       | <b>18</b>    |
| 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 \_\_\_\_\_