

2009 - 2010
University of South Alabama
College of Education
Alternative Master's Program – Secondary Mathematics

Name _____ Student Number _____
 Advisor _____ Term Entered _____

Minimum semester hours required: 45

I. Curriculum and Teaching (9 hours)	Hours	Sem.	Grade
SED 555 Curriculum and Teaching in Secondary School	3	___	___
SED 559 Advanced Instructional Techniques	3	___	___
SED 554 Teaching Mathematics in Secondary Schools (spring only) (Prerequisites: SED 555)	3	___	___
II. Foundations of Education (6 hours)			
EDF 515 Multicultural Education	3	___	___
EPY 502 Psychological Principles of Learning	3	___	___
III. Evaluation of Teaching and Learning (3 hours)			
EPY 525 Assessment and Research in Education	3	___	___
IV. Technology (3 hours)			
EDM 510 Microcomputing Systems in Education	3	___	___
V. Reading in the Content Areas (3 hours)			
RED 541 Literacy in the Content Areas	3	___	___
VI. Mathematics Teaching Field (15 hours, 500 level)			
_____	3	___	___
_____	3	___	___
_____	3	___	___
_____	3	___	___
_____	3	___	___
VII. Internship (6 hours)			
SED 598 Internship in Secondary Education Math (Prerequisites: SED 554, 555, 559 & Praxis II 0061)	6	___	___

All certification programs require an introductory special education course SPE 500 if not previously completed. This is in addition to the requirements above.

VIII. **Special Education** 0-3 ___ ___

* Specific admission prerequisites are listed on the back of the program sheet.

Alternative Master's Program – Secondary Mathematics

Prerequisite Coursework and Tests for Admission

Academic major or 32 semester hours/19in upper division in Mathematics including the equivalent of the following:

<u>Course number</u>	<u>Title</u>	<u>Semester Hours</u>
MA 125, 126 & 227	Calculus I, II & III	12
MA 237	Linear Algebra	3
MA 321	Elementary Geometry	3
MA 410	History of Mathematics	3
MA 413	Abstract Algebra	3

***MA 238 Differential Equations is highly recommended, as it is covered on the Praxis II.*

Official GRE test scores including the analytical writing section, satisfactory performance on all three components of the APTT, passing score on the prescribed Praxis II subject assessment of the APTTP and a clear SDE background check are required for admission.

Additional Information

1. Keep a copy of this program checklist and maintain it. You **must** complete all program requirements for graduation and teacher certification. Course substitutions are not permitted. Also, note course prerequisites and follow them. You will be withdrawn from a course if you do not meet the stated prerequisites.
2. Teaching field courses must be consistent with your area of certification. Your advisor must approve your choices for this requirement.
3. Successful completion of PRAXIS II test (0061 Mathematics: Content Knowledge) appropriate to the grade level of certification sought is required **prior to admission**.
4. You **must** take a comprehensive end-of-program examination during the semester in which you complete your degree requirements. Application forms can be obtained from Student Services, UCOM 3020 or online at <http://www.southalabama.edu/coe/forms/compsapp.pdf>.
5. Graduation deadlines are posted on bulletin boards in UCOM hallways and are listed in class schedules and the University Bulletin. Application forms are available in the Office of the Registrar.
6. Class 'A' teaching certificate applications are available in the Student Services office, UCOM 3020.
7. Confer with your assigned advisor when you have questions concerning your program. Remember that advisors give advice, they are not responsible for your program. That is your personal responsibility.