

**2010 - 2012**  
**University of South Alabama**  
**College of Education**  
**Alternative Master's Program – Secondary General Science Composite**

Name \_\_\_\_\_ Student Number \_\_\_\_\_  
 Advisor \_\_\_\_\_ Term Entered \_\_\_\_\_

**Minimum semester hours required: 45**

I. <b>Curriculum and Teaching</b> (9 hours)	Hours	Sem.	Grade
SED 555 Curriculum and Teaching in Secondary School	3	___	___
SED 559 Advanced Instructional Techniques	3	___	___
SED 556 Teaching Science in Secondary Schools (offered fall only) (Prerequisites: SED 555, EPY 525)	3	___	___
II. <b>Foundations of Education</b> (6 hours)			
EDF 515 Multicultural Education	3	___	___
EPY 502 Psychological Principles of Learning	3	___	___
III. <b>Evaluation of Teaching and Learning</b> (3 hours)			
EPY 525 Assessment and Research in Education	3	___	___
IV. <b>Technology</b> (3 hours)			
EDM 510 Microcomputing Systems in Education	3	___	___
V. <b>Reading in the Content Areas</b> (3 hours)			
RED 541 Literacy in the Content Areas	3	___	___
VI. <b>Science Teaching Field</b> (minimum 15 hours, 500 level)			
BLY 585 Evolutionary Biology ( <b>Spring term only</b> )	3	___	___
CH 514 & CH 514L Environmental Chemistry and Lab ( <b>Fall only</b> )	4	___	___
GY 590 Special Topics in Geology (Fall term only)	3	___	___
_____ Graduate level Science Elective	3	___	___
_____ Graduate level Science Elective	2	___	___
VII. <b>Internship</b> (6 hours)			
SED 597 Internship in Secondary Education General Science Composite (Prerequisites: SED 556, 555, 559, EPY 525 & PRAXIS II # 0435 )	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.

"Please be aware that students admitted in the Non-Degree status are not eligible for financial aid."

**Alternative Master's Program – Secondary Science  
 Prerequisite Coursework and Tests for Admission**

Academic major in any science or engineering or 32 semester hours/19 in upper division in Biology, Chemistry, Physics, Geology or Composite Science courses. Additionally the applicant must have six of the nine courses listed below or the equivalent, including a Biology course and two of the three other areas represented (Chemistry, Earth and Space Science and Physics):

<u>Course number</u>	<u>Title</u>	<u>Semester Hours</u>
GEO 101 & 101L	Atmospheric Processes and Patterns	4
GY 111 and 111L	Physical Geography	4
PH 101 & 101L	Introduction to Astronomy	4
BLY 121 & 121L	General Biology I (for majors)	4
BLY 122 & 122L	General Biology II (for majors)	4
CH 131 & 131L	General Chemistry I (for majors)	4
CH 132 & 132L	General Chemistry II (for majors)	4
PH 114 & 114L	Physics with Algebra & Trig. I	4
PH 115 & 115L	Physics with Algebra & Trig. II	4

**Official GRE test scores including the analytical section, satisfactory performance on all three components of the APTT, passing score on the prescribed Praxis II subject (General Science) assessment of the APTTP and a clear SDE background check are required for admission. Candidates must have an earned bachelor's or higher degree with a minimum grade point average (GPA) overall of (2.50) as documented on the official transcript of the degree granting institution (regionally approved) and must be used as a basis for the degree. See Bulletin for complete list of admission requirements.**

#### **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 (0435 General Science: 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 responsibility.