

**ALTERNATIVE CLASS A PROGRAM
MASTER OF SCIENCE IN EDUCATION
MAJOR: SECONDARY EDUCATION
TEACHING FIELD: GENERAL SCIENCE (6-12)**

Core Requirements (32 semester hours):

ED 501	Introduction to Graduate Teacher Education (3)
ESE 500	Research and Statistics in Secondary Education (3)
ESE 505	Education Methods, Assessment, and Technology in Secondary Schools (3)
ESE 510	Secondary Practicum One and Tutoring Lab (2)
ESE 523	Teaching General Science (3)
ESE 534	Secondary Practicum Two (3)
ESE 561	Foundations of Secondary Education (3)
ESE 573	Critical Inquiry in Biology and General Science (3)
ESE 567	Literacy Theory and Practice (3)
*ED 595	Internship in Education (3)
ED 596	Reflective Practices in Education (3) (Must be taken concurrently with ED 595.)

*ED 595, Internship in Education, is equivalent to undergraduate student teaching and requires a semester long internship in the public schools. This must be scheduled during the last semester of coursework.

Teaching Field Requirement (15 semester hours):

By faculty advisement, select 15 graduate semester hours from the general science area to include at least one course from two of the following areas: biology, chemistry, Earth and space science, and physics. For Earth and space science courses, see course descriptions in the geography section of this catalog. At least half of the 15 semester hours selected must be numbered at the 500 level. A student may transfer no more than three semester hours in the teaching field. This major requires a minimum GPA of 3.25 in the coursework in the teaching field. Transfer credit cannot be used to raise the GPA in this teaching field coursework to the required 3.25.

Diversity Requirement (3 semester hours):

SPE 500	Survey Course in Special Education (3) Is required unless SPE 300 was satisfied at the undergraduate level. If SPE 300 has already been satisfied at the undergraduate or graduate level, candidates must select the following course to satisfy this diversity program requirement:
EFD 552	Diversity Issues in Education (3)

50 Graduate Semester Hours Required for this Degree

Students must have an undergraduate degree in biology, chemistry, physics, or Earth and space science OR complete 32 semester hours of undergraduate coursework with a minimum of 19 semester hours at the 300-400 levels with any combination of courses from areas covered by the certification OR pass the appropriate Praxis II content exam.

For the degree in the composite field of general science, additional undergraduate coursework must be taken to remove undergraduate course deficiencies in related teaching fields. Deficiencies are determined with a formal evaluation of the students' transcripts.

Students must have the approval of their advisors in professional studies BEFORE registering for undergraduate coursework required to meet the undergraduate requirements/deficiencies specified for the composite degree.

Please Note: All students must apply for graduation by the given deadline of the semester in which they plan to graduate: <http://www.jsu.edu/graduate/graduation.html>.

50-82 Total Undergraduate and Graduate Semester Hours Required for this Degree

Completion of this program leads to eligibility for Master's-level professional educator certification in General Science (6-12).