ALTERNATIVE FIFTH-YEAR PROGRAM
MASTER OF SCIENCE IN EDUCATION
MAJOR: SECONDARY EDUCATION
TEACHING FIELD: GENERAL SCIENCE (6-12)

Core Requirements (32 semester hours):
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 Methods of Teaching Biology and 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)
SPE 500 Survey Course in Special Education (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.)

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 Bulletin. 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 3.0 in the course work in the teaching field. Transfer credit cannot be used to raise the GPA in this teaching field course work to the required 3.0.

*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 course work.

47 Graduate Semester Hours Required for this Degree

Undergraduate Requirements:
ED 300 Introduction to Teacher Education (2)

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

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

Continued on next page.
Students must have the approval of their advisers in professional studies BEFORE registering for undergraduate course work required to meet the undergraduate requirements/deficiencies specified for the composite degree.

49-79 Total Undergraduate and Graduate Semester Hours Required for this Degree

Notes:
Students must meet eligibility requirements for the alternative fifth-year teacher certification program.
Completion of this program leads to eligibility for fifth-year (master’s) teacher certification in general science (6-12).
Candidates admitted (to enroll in courses in a Class A teaching field program) may complete no more than five approved program courses prior to unconditional admission to the program (this includes transfer credit). Exceptions to this rule must be approved by the Dean of the College of Education and Professional Studies and the Dean/Associate Dean of Graduate Studies.
Successful completion of the appropriate Praxis II examination(s) is required prior to internship for all alternative fifth-year programs.
Successful completion of the appropriate Praxis II examination is required prior to internship for all alternative fifth-year programs. Successful completion of the appropriate Praxis II content exam will satisfy the 32/19 content area requirement and/or the 4 x 12 requirement in all Fifth Year Alternative programs. Please see your academic advisor for more information concerning this option.