SCED Secondary Education

SCED 3237 Science Methods
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
Designed to assist students in understanding the purpose of science in the secondary school curriculum and becoming familiar with trends in science instruction. Skills are developed in using classroom laboratory and field trip experiences in planning and evaluating science instruction. Major emphasis is placed on planning and presentation of skills and on developing strategies to facilitate working with the diverse student populations present in public schools.
Prerequisite(s): Admission to Teacher Education Program.

SCED 3337 Methods of Teaching Language Arts in the Secondary School
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A study of methods and materials appropriate in teaching composition, literature, and oral expression in the secondary school English program. Emphasis will be placed on the writing process, teaching grammar through writing, and literature for grades 7-12. Includes a field-based component which requires teaching language arts in a secondary school classroom.
Prerequisite(s): Admission to Teacher Education Program.

SCED 3437 Social Science Methods
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
A study of the social sciences in in the secondary schools with emphasis on curriculum issues, planning social science instruction, methods and materials appropriate for older adolescents and topical issues in teaching social sciences. Includes a field-based component which requires teaching social science in a secondary school classroom.
Prerequisite(s): Admission to Teacher Education Program.

SCED 3537 Methods of Teaching Mathematics in Secondary School
3 Credit Hours. 2 Lecture Hours. 3 Lab Hours.
A study of teaching methods and materials, curriculum content, and trends in secondary school mathematics.
Prerequisite(s): Admission to Teacher Education Program.

SCED 4137 Methods of Teaching in the Secondary School
3 Credit Hours. 3 Lecture Hours. 2 Lab Hours.
This course is designed to assist students in understanding, planning and teaching practices in the secondary school and in becoming familiar with best practices in secondary instruction. Skills are developed in planning, conducting, and evaluating instruction using classroom and practicum experiences. Major emphasis is placed on planning, presentation, and assessment skills, and on developing strategies to facilitate working with the diverse student populations present in public schools.
Corequisite(s): EDUF 3234, SCED 4138, and SCED 4731.

SCED 4138 Secondary Curriculum
3 Credit Hours. 3 Lecture Hours. 2 Lab Hours.
Addresses the linear curriculum design model for use in designing secondary school curriculum. Emphasis is placed on designing an instructional unit focusing on the selection of appropriate learning objectives related to specific knowledge and skills, selection of interactive learning activities and appropriate assessment of student progress. Consideration is given to research based effective teaching behavior. Includes a field-based component which requires planning and teaching an instructional unit in a secondary school classroom in the student's teaching field.
Corequisite(s): EDUF 3234, SCED 4137, and SCED 4731.

SCED 4731 Secondary School Practicum
3 Credit Hours. 0 Lecture Hours. 3 Lab Hours.
This supervised practicum is a field-based teaching experience in a secondary school classroom. Candidates will complete structured observations and plan and teach an instructional unit in one's teaching field. Emphasis is placed on lesson and unit planning, a variety of instructional strategies for diverse populations of students, classroom management, multiple assessment strategies that enhance student learning, the selection and use of instructional technology, and professional reflection.
Corequisite(s): EDUF 3234, SCED 4138.

SCED 5799 Student Teaching in Secondary Education
9 Credit Hours. 0 Lecture Hours. 0 Lab Hours.
A period of guided teaching during which the candidate, under the direction of a clinical supervisor, takes increasing responsibility for leading the school experiences of a given group of learners over a period of consecutive weeks and engages more or less directly in many of the activities which constitute the wide range of a teacher's assigned responsibilities.
Cross Listing(s): SCED 5799G.