## SED - Secondary Education

SED 201 – Introduction to Lesson Planning (2)

Candidates are introduced to the processes and procedures of planning effective, culturally responsive lessons.

Prerequisite: FNED 246; concurrent with SED 202 or by permission of department chair

Offered: Fall, Spring.

SED 202 – Introduction to Assessment (2)

Candidates are introduced to the purposes, processes and procedures of assessment.

Prerequisite: FNED 246; SED 201 (with minimum grade of B-) and fulfillment of retention requirements, or consent of department chair.

Offered: Fall, Spring

SED 301 – Discourses Literacies, and Technologies of Learning (2)

Candidates learn about educational policy discourses, engage in the literacy practices of their discipline, and enhance their knowledge of digital literacies for teaching and communication. 5 hours clinical preparation.

Prerequisite: SED 201 and SED 202 (with minimum grade of B-), or permission of department chair; concurrent enrollment in SED 302, and fulfillment of retention requirements.

Offered: Fall.

SED 302 – Teaching and Leaning: Humanities in Communities (2)

Candidates will learn to exercise a critical perspective on life and learning in underserved schools/neighborhoods. Candidates will work with local organizations, advocates, and/or schools. 20 hours clinical preparation.

Prerequisite: Concurrent with SED 301; or permission of department chair.

Offered: Fall.

SED 303 – Inquiry into STEM (2)

Candidates learn about and engage in Science, Technology, Engineering and Mathematics activities that can be implemented in secondary math and science classrooms or with youth organizations. 20 hours clinical preparation.

Prerequisite: Concurrent with SED 301; or permission of department chair.

Offered: Fall.

**SED 313 – Critical Writing and Teaching in Schools (4)**

In this practicum course, candidates will learn tools and techniques for writing and teaching writing using the arts and digital literacies.  Focus is on teaching non-native speakers of English.

Prerequisite: Successful completion of SED 301 and 302; English GPA of 3.0

Offered: Spring

**SED 315 – Teaching Mathematics in a Diverse Classroom (4)**

Students adapt mathematics knowledge into thoughtful, engaging, reform-based mathematics lessons to help all students learn using community-building, dialogic practices. Clinical preparation (3 weeks or equivalent).

Prerequisite: SED 303

Offered: Spring

SED 316 – Practicum in Secondary Education: Science (4)

Teacher candidates examine principles, methods, content, and curriculum in the content area so that they can plan and implement lessons within middle/secondary clinical settings.

Prerequisite: SED 303, and completed at least 28 credit hours of required and cognate courses in the major or have the consent of the program advisor.

Offered: Spring

SED 406 - Instructional Methods, Design, and Technology (3)

Students learn the fundamentals of lesson design and methods for integrating instructional technology to enhance content area teaching and learning. Students design and present model lessons in a laboratory setting.

Prerequisite: Admission to a secondary education teacher preparation program or consent of department chair.

Offered: Fall, Spring.

SED 407 - Instructional Methods, Design, and Literacy (3)

Students explore research-based reading and writing strategies for secondary education content teaching and apply these strategies by designing and presenting literacy instruction in a field-based setting.

Prerequisite: SED 406 (with minimum grade of B-) and fulfillment of retention requirements, or consent of department chair.

Offered: Fall, Spring.

SED 411 - Content and Pedagogy in Secondary Education (4)

Students examine principles, methods, content, and curriculum in the content area and prepare lessons and units that incorporate the needs of diverse learners and effective assessment strategies.

Prerequisite: SED 407 (with minimum grade of B-), concurrent enrollment in SED 412, and fulfillment of retention requirements.

Offered: Fall.

SED 412 - Field Practicum in Secondary Education (2)

Teacher candidates, under the supervision of college and clinical instructors, plan, develop, and implement lesson plans within middle/secondary clinical settings, drawing on content developed in SED 411. 4 contact hours.

Prerequisite: SED 407 (with minimum grade of B-), concurrent enrollment in SED 411, and fulfillment of retention requirements.

Offered: Fall.

**SED 413: Social Justice Teaching in English Education (4)**

Students connect *critical* and *culturally relevant* pedagogies to everyday classroom strategies and techniques. Students will focus on community-building, dialogical methods, and the teaching of reading. Clinical preparation (3 weeks or equivalent).

Prerequisite: SED 313

Offered: Fall

**SED 415 – Rethinking Mathematics Teaching and Learning (4)**

Students connect equitable pedagogical approaches to the teaching and learning of mathematics. Focus on mindsets, mathematical problem analysis, visualizing mathematics and incorporating social justice in the mathematics curriculum. Clinical preparation (3 weeks or equivalent).

Prerequisite: SED 315

Offered: Fall

SED 416 – Socio-Scientific Issues in the Classroom (4)

Students examine reform in science education and investigate the interactions between science, technology, and society.

Prerequisite: SED 303

Offered: Fall

**SED 420 – Introduction to Student Teaching (2)**

Teacher candidates will participate in a three-week clinical preparation in the field. This induction phase will orient secondary education teacher candidates to their student teaching semester. Students cannot receive credit for more than one of the following: SED 420, TECH 420, and WLED 420. Graded S, U.

Prerequisite: Concurrent enrollment in SED 421 and SED 422. To be admitted into SED 420, SED 421, and SED 422, the student must have completed all other required courses.

Offered: Early Spring.

SED 421 - Student Teaching in the Secondary School (7)

In this culminating field experience, candidates complete a teaching experience in a middle or senior high school under the supervision of cooperating teachers and college supervisors. This is a full-semester assignment. Students cannot receive credit for more than one of the following: SED 420, TECH 420, and WLED 420. Graded S, U.

Prerequisite: Concurrent enrollment in SED 420 and SED 422; completion of all program requirements and all required education courses, with a minimum grade of B, prior to student teaching; satisfactory completion of all courses in the major prior to student teaching; a recommendation from the practicum instructor; undergraduate, second degree, and RITE students must have a cumulative GPA of 2.50 a full semester prior to student teaching; graduate students must have a cumulative GPA of 3.00 a full semester prior to student teaching; undergraduate and second degree students must complete the community service requirement; passing score(s) on the Praxis II, approved mini-teacher candidate work sample; and a negative result from the required tuberculin test.

Offered: Spring.

SED 422 - Student Teaching Seminar in Secondary Education (3)

This is an integrative and culminating experience in the professional program in secondary education. Students reflect on their initial experience as classroom teachers. Students cannot receive credit for more than one of the following: SED 420, TECH 420, and WLED 420. Graded S, U.

Prerequisite: Concurrent enrollment in SED 420 and SED 421. .To be admitted into SED 420, SED 421, and SED 422, the student must have completed all other required courses.

Offered: Spring.

SED 444 - Teaching Adolescent Literature (3)

This is a blending of the academic appreciation of young adult literature with pedagogical strategies for its classroom use. Students read widely in the field and develop individualized demonstration projects for use in the secondary English class.

Offered: Fall and/or Summer.

SED 445 - The Teaching of Writing in Secondary Schools (4)

Study includes the evaluation of aims and objectives, selection and organization of content, principles and methods of writing instruction, and current research and practice in the teaching of writing.

Prerequisite: Admission to the Secondary Education Teacher Preparation Program.

Offered: Fall, Spring.

## TECH – Technology Education

TECH 408 - Practicum in Technology Education (Grades Seven through Twelve) (4)

Three major instructional units in technology education are presented. Topics include the principles and practices of technology education, selected technology learning activities, and laboratory planning and management concepts.

Prerequisite: Admission to the technology education teacher preparation program.

Offered: Fall.

TECH 420 – Introduction to Student Teaching (2)

Teacher candidates will participate in a three-week clinical preparation in the field. This induction phase will orient secondary education teacher candidates to their student teaching semester. This course will involve student teaching in PK-12 settings. Students cannot receive credit for more than one of the following: SED 420, TECH 420, and WLED 420. Graded S, U.

Prerequisite: Concurrent enrollment in TECH 421 and TECH 422. To be admitted into TECH 422, the student must have completed all other required courses.

Offered: Early Spring.

TECH 421 – Student Teaching in Secondary Education (7)

In this culminating field experience, candidates complete a teaching experience in a PK-12 school under the supervision of cooperating teachers and college supervisors. This is a full-semester assignment. This course will involve student teaching in PK-12 settings. Students cannot receive credit for more than one of the following: SED 421, TECH 421, and WLED 421. Graded S, U.

Prerequisite: Concurrent enrollment in TECH 420 and TECH 422; completion of all program requirements and all required education courses, with a minimum grade of B, prior to student teaching; satisfactory completion of all courses in the major prior to student teaching; a recommendation from the practicum instructor; undergraduate, second degree, and RITE students must have a cumulative GPA of 2.75 a full semester prior to student teaching; graduate students must have a cumulative GPA of 3.00 a full semester prior to student teaching; undergraduate and second degree students must complete the community service requirement; all candidates must have passing score(s) on the Praxis II, approved mini-teacher candidate work sample; and a negative result from the required tuberculin test. To be admitted into TECH 421, and TECH 422, the student must have completed all other required courses.

Offered: Spring.

TECH 422 – Student Teaching Seminar in Secondary Education (3)

This is an integrative and culminating experience in the professional program in world languages education. Students reflect on their initial experience as classroom teachers. This course will involve discussion of student teaching in PK-12 settings. Students cannot receive credit for more than one of the following: SED 422, TECH 422, and WLED 422. Graded S, U.

Prerequisite: Concurrent enrollment in TECH 420 and TECH 421. To be admitted into TECH 421, and TECH 422, the student must have completed all other required courses.

Offered: Spring.

TECH 430 - Internship in Applied Technology (6)

Exploratory internships offered for the purpose of professional development and advancing career goals. Learning experiences in work environments help students transition from the role of student to the professional. 12 contact hours.

Prerequisite: Senior standing; All content courses must be completed; 27 credits in content area; 2.75 GPA in content area.

Offered: As needed.