SECONDARY EDUCATION (EDSC)

Courses

EDSC 207. Development: Theory & Applctn. 3 or 4 Credits.
Participants in this class examine adolescent developmental and learning theories. A Service Learning requirement allows students to apply understanding in the context of instructional settings.
Prerequisites: EDTE 001 or EDFS 002 or instructor permission.

EDSC 209. Practicum in Teaching. 3 or 4 Credits.
Field-experience in secondary setting. Focus on school culture and student needs while documenting effectiveness in one-on-one teaching. Professional attributes/dispositions are critically assessed.
Pre/co-requisite: EDFS 203/EDSC 207.

EDSC 215. Reading in Secondary Schools. 3-4 Credits.

EDSC 216. Curr, Instr&Assmt Sec Schl Tchr. 3 Credits.
Development of methods related to secondary school teaching. Study and application of constructivist learning theory, differentiation, authentic assessment in planning. Focus on cross-disciplinary collaboration.
Co-requisite: EDSC 215.

EDSC 225. Tchg Soc Studies in Sec Schls. 3 Credits.
Includes multiple teaching modes, questioning techniques, micro-teaching laboratory, analysis of historical content to determine students' prerequisite cognitive skills and processes for construction of historical scenarios. Prerequisite: Twelve hours of education and related areas.

EDSC 226. Teaching Internship. 8-12 Credits.
Collaboration with professional teachers in design and implementation of effective instruction, with special focus on developing programs in a high school setting.
Prerequisite: EDSC 203, EDSC 207, EDSC 209, EDSC 215, EDSC 216, and Special Methods.

EDSC 227. Tchg Science in Sec Schls. 3 Credits.
Consideration of science curricula and instructional strategies for grades 7-12. Topics may include: teaching science as problem solving, research in science teaching, affective education through science.
Prerequisite: Twelve hours in education and related areas or Instructor permission.

EDSC 230. Teaching for Results. 3 Credits.
Analysis of planning, curriculum design, teaching, evaluation and classroom management from the perspective of research and practice.
Individual tasks culminate in production of a licensure portfolio.
Co-requisite: EDSC 226.

EDSC 237. Tching Computer Science in Sec. 3 Credits.
Explores theories and practices of teaching, learning and assessing computer science in middle school and high school. Topics include the structure of computer science disciplines, computer science learning standards, best practices of teaching/assessing computer science, and social and ethical issues in computer science.
Prerequisite: EDSC 216.

EDSC 257. QR: Tchg Math in Sec Schls. 3 Credits.
Contemporary secondary school mathematics curricula and instructional strategies for grades 7-12. Topics may include problem solving, research in mathematics education, use of calculators and computers, manipulatives, and evaluation.
Prerequisite: Twelve hours in education and related areas or permission.

EDSC 259. Tchg Foreign Lang in Sec Schls. 3 Credits.
An overview of language teaching methodology. The learning/teaching process as it relates to language learning; techniques used in the teaching and testing of second language skills and culture.
Prerequisite: Acceptance into licensure program.

EDSC 392. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

EDSC 396. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.