SECONDARY EDUCATION (EDSC)

Courses
EDSC 011. Ed Tech in Sec Ed Classroom. 3 Credits.  
Students are introduced to a variety of uses for information technology in education with particular applications to stimulate and manage a student-centered classroom.

EDSC 055. Special Topics. 1-18 Credits.  
See Schedule of Course for specific title.

EDSC 092. 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 157. QR: Intro to Teaching Math. 3 Credits.  
Provides an introduction to the field of mathematics education. Explores the knowledge and skills required to teach middle and secondary mathematics, investigate how people learn mathematics, and study current issues and research in mathematics education.

EDSC 196. Special Topics. 1-18 Credits.  
See Schedule of Course for specific title.

EDSC 197. Undergraduate Research. 1-18 Credits.  
Undergraduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

EDSC 198. Teaching Assistantship. 1-3 Credits.  
Undergraduate student service as a teaching assistant, usually in an introductory level course in the discipline, for which credit is awarded. Offered at department discretion.

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.  

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Includes multiple teaching modes, questioning techniques, micro-teaching laboratory, analysis of historical content to determine students’ prerequisite cognitive skills and processes for construction of historical scenarios.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.  

EDSC 237. Tchg 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 240. Teach English: Secondary School. 3 Credits.  
Approaches to teaching composition, literature, and the English language in secondary school. Prerequisite: Acceptance into licensure program.

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 292. 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 296. Special Topics. 1-18 Credits.
See Schedule of Course for specific title.

EDSC 297. Undergraduate Research. 1-18 Credits.
Undergraduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

EDSC 298. Teaching Assistantship. 1-3 Credits.
Undergraduate student service as a teaching assistant, usually in an introductory level course in the discipline, for which credit is awarded. Offered at department discretion.