

Contents

School of Education

Undergraduate Course Descriptions

Teacher Education Courses

EDUC 105 - Freshman Pedagogy Seminar

Education majors only. Addresses observation skills focusing on classroom dynamics, i.e., what is teaching/learning, changing roles of teachers, learning styles, study skills, mentoring, journal writing/analysis, and the use of portfolios.

Credits: 1.00

College: School of Education

Department: School of Education

Restrictions:

Must be enrolled in one of the following Program Level(s):

Undergraduate Quarter

Must be enrolled in one of the following Major(s):

Teacher Education

Must have the following Classification(s):

Freshman

EDUC 112 - Integrative Instr: Wld Geog

Through the study of geography, encourages students to find a meaningful framework for understanding the system of human culture as it exists over the surface of Earth. Explores the use of technology in education.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

Must be enrolled in one of the following Major(s):

Teacher Education

EDUC 114 - Science Teaching Methods

This course bridges theory and practice, providing hands-on experience in the application of constructivist learning theory to designing and delivering effective classroom experiences in the area of science.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

EDUC 201 - Instructional Issues

This course explores and offers in-depth analysis of relevant theories relating to contemporary application of instructional issues, systems and design. The purpose is to provide theoretical, experimental and critical perspectives on instructional issues and design as it is applied in a number of educational venues.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

Must be enrolled in one of the following Program Level(s):

Undergraduate Quarter

EDUC 203 - Design of Instructional Materials

This course provides an examination of instructional materials and their use in instructional programs for topics of their choosing. Discussion of current media and instructional equipment for effectiveness, specification and purchasing is included.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

Must be enrolled in one of the following Program Level(s):

Undergraduate Quarter

EDUC 205 - Sophomore Pedagogy Seminar

Education majors only. Builds on the freshman seminar and incorporates service learning as an instructional strategy.

Credits: 1.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

Must be enrolled in one of the following Major(s):

Teacher Education

Must have the following Classification(s):

Pre-Junior

Sophomore

EDUC 216 - Diversity and Today's Teacher

This course explores major issues related to the increasing diversity of students in elementary and secondary classrooms in the United States. The multifaceted challenges of teaching heterogeneous student populations.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

EDUC 218 - Math: Methods & Content

Course emphasizes diagnostic instruction in mathematics by allowing students to complete problems that their students will be expected to work, noting the error and correction process, as well as gaining an awareness of student difficulties in mathematics.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

Must be enrolled in one of the following Major(s):

Teacher Education

EDUC 301 - Introduction to Personalized Systems of Instruction

The student should be coaching or tutoring while taking this course.

Covers the theory and practice of the Personalized System of Instruction and the Heuristic Diagnostic Learning approach. Includes emphasis on empowering students in teaching and learning by studying coaching strategies, instructional strategies, learning styles, student-coach interactions, current research, and applying PSI. Requires three hours per week of service comprised of one-to-one academic coaching. Students keep a weekly log of their coaching activities and a reflective journal about the academic coaching experience.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

May not have the following Classification(s):

EDUC 302 - Adv Sem In Person Sys Ins

An advanced seminar for students with coaching experience. Covers content knowledge, pedagogical knowledge, and curricular knowledge issues; management of students and problems encountered in coaching; instructional planning design; and issues such as individual differences in learning and motivation. Students maintain a weekly journal of their teaching experience and engage in a critical analysis of their teaching/coaching experiences.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

May not have the following Classification(s):

Pre-Requisites: EDUC 301 Minimum Grade: B

EDUC 305 - Junior Pedagogy Seminar

Education majors only. Continues further exploration of relationships among service learning, content knowledge, pedagogy knowledge, learner characteristics utilizing generic influences, special needs students, and motivation techniques.

Credits: 1.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

Must be enrolled in one of the following Major(s):

Teacher Education

Must have the following Classification(s):

Junior

EDUC 310 - Computer Applications in Teaching

Studies the unique characteristics of the microcomputer as an instructional tool in elementary and secondary school instruction. Provides students with an understanding of the instructional versatility and limitations of microcomputing through hands-on experience with applications in their subject-matter fields. Addresses issues concerning techniques for integrating computing into instruction.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

May not have the following Classification(s):

EDUC 311 - Computer Apps Curr Dvlpmt

This course presents major instructional design concepts that students will use in developing their own curricular materials. It describes various kinds of teacher-developed instructional tools in relation to appropriate instructional task or learning environment.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

Pre-Requisites: EDUC 310 Minimum Grade: B

EDUC 320 - Professional Studies in Instruction

Offers field placement with practitioners in classroom environments appropriate to the student's certification area to provide instruction and experience in methodology, classroom management, and discipline, and the opportunity to apply results of current research on effective teaching. Addresses issues including the application to classroom instruction of developmental and learning theories, developmental reading and reading in the content areas, student motivation, the interrelationships among diverse populations within the school setting, and identification of instructional resources. This is a writing intensive course.

Credits: 9.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

May not have the following Classification(s):

Freshman

EDUC 321 - Non-Field Experience Professional Studies in Instruction

Study of learning and developmental theories, developmental reading and reading in the content areas, student motivation, and the interrelationships among diverse populations within the school setting, and identification of instructional resources.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

Must be enrolled in one of the following Program Level(s):
Undergraduate Quarter

EDUC 322 - Evaluation of Instruction

Permits students to acquire competence in new evaluation techniques, including portfolios, journals, performance assessments, individual and collaborative projects, and presentations. Covers qualitative and quantitative assessment used in measuring student achievement. Teaches techniques for grading and reporting pupils' classroom performance in cognitive, affective, and (where appropriate) motor tasks. The course is directed toward instruction in elementary and high school settings.

Credits: 4.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

May not have the following Classification(s):

Freshman

EDUC 323 - Diagnostic Teaching

Requires students to integrate and apply theories of learning, curriculum, and pedagogy to instruction and heuristic diagnostic teaching. Focuses on the individual learner. Covers processes involved in learning mathematics and science in particular, and studies their applications in relation to individual differences among learners. Emphasizes developing strategies that prevent learning problems. This is a writing intensive course.

Credits: 4.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

May not have the following Classification(s):

Freshman

Pre-Requisites: EDUC 320 Minimum Grade: B

EDUC 324 - Current Research in Curriculum & Instruction

Examines the theories and assumptions underlying various approaches to instruction for elementary and high school teaching. Included are areas such as a) knowledge acquisition and critical reasoning in mathematics and science, b) teaching general and specific skills as related to content material, c) study skills and abilities to learn, and d) the roles of memory and metacognition in learning. Explores these processes of human cognition and learning with particular attention to how conditions that foster them might be built into materials, pedagogy, and learning environments.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

May not have the following Classification(s):

EDUC 325 - Multimedia in Instructional Design

Imparts skills in selecting, using, and evaluating a range of instructional media, including interactive multimedia formats, in relation to educational goals and learner characteristics. Emphasizes presentation skills when using a variety of media to deliver instruction. Students design and write a software prototype as a group design project.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

May not have the following Classification(s):

Freshman

Pre-Requisites: EDUC 310 Minimum Grade: B

EDUC 326 - Language Arts Processes

Studies the nature of language, including phonetic, semantic, and syntactic aspects of language development, and theories of language development. Applies contemporary research to processes and problems in teaching oral and written communication. Assumes that listening, speaking, writing, and reading in the content area are integrated processes and should be taught as such. This is a writing intensive course.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

May not have the following Classification(s):

Freshman

EDUC 327 - Learning Disabilities

Course will address issues such as definition of learning disability, various types of learning disabilities and the general approaches to the assessment and treatment of learning disabilities.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

EDUC 337 - Learning Disabilities II

The focus of this course is to teach teachers how to manage instruction for students with special needs in the inclusive classroom. Inclusion of students with special needs is now the norm. The course will address curricular and instructional modifications and the use of technology in addressing learning needs. Legal issues pertaining to special education law will be a critical component.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

Continuing Education

EDUC 405 - Senior Pedagogy Seminar

Education majors only. Focuses on the teacher as a researcher. Presents descriptions of collaborations between university faculty and faculty from K-12 schools and discusses student involvement in learning and pedagogy issues.

Credits: 1.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

Must be enrolled in one of the following Major(s):

Teacher Education

Must have the following Classification(s):

Senior

EDUC 410 - Student Teaching

A 12-week field experience that approximates full time classroom teaching and related activities; it is designed to allow the candidate to demonstrate competencies necessary for certification

Credits: 9.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

May not have the following Classification(s):

Freshman

Pre-Requisites: EDUC 323 Minimum Grade: B

EDUC 412 - Student Teaching

A 12-week field experience that approximates full-time classroom teaching and related activities; it is designed to allow the candidate to demonstrate competencies necessary for certification. This is a writing intensive course.

Credits: 12.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

Undergraduate Quarter

Must be enrolled in one of the following Major(s):

Teacher Education

Must have the following Classification(s):

Senior

Pre-Requisites: EDUC 323 Minimum Grade: B

EDUC 428 - Cultural and Historical Significance of Mathematics

This course provides mathematics content and pedagogy for the teacher preparation program. Course is part of a state approved certification program.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

EDUC 436 - Distance Learning

This course is intended to address issues surrounding distance learning and pedagogy, and help teachers become more intelligent creators of, more informed participants in, and all-around better users of distance education tools.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

EDUC 475 - Special Studies Teacher Educ

Covers various topics of particular interest to teacher education students.

Credits: 12.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

May not have the following Classification(s):

Freshman

EDUC 499 - Independ St - Teach Educ

Covers various topics of particular interest to teacher education students, explored individually under guidance from instructional team member.

Credits: .50 to 12.00

College: School of Education

Department: School of Education

Restrictions:

May not be enrolled in one of the following Program Level(s):

Continuing Education

May not have the following Classification(s):

Freshman