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**The School of Education**  
**2011-2012 Undergraduate Course Descriptions**

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## Geography Education Courses

### EDGE 210 - Geography Education

This course is an introduction to geographic concepts, themes and elements; designed to build a foundational understanding and analytical tools to examine the world from a geographic perspective. The course emphasizes the unique qualities of world regions, and the spatial interaction of people, elements, and regions, as well as major regional and global problems and prospects.

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

Repeat Status: Not repeatable for credit

### EDGE 211 - Geography Education: Teacher Laboratory

A teaching methods and techniques laboratory designed to prepare pre-service PK-12 teachers to effectively help their future students better understand and analyze their world utilizing geographic concepts, themes and elements. The weekly labs correspond directly to the content represented in EDGE210:Geography Education.

Credits: 1.50

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: EDGE 210 Minimum Grade: D

Repeat Status: Not repeatable for credit

## Teacher Education Courses

### EDUC 101 - Foundations in Education I: A Historical and Philosophical Perspective

In this course students are introduced to pedagogical and philosophical concepts, theories, methods and procedures in the historical context of education in America. Students develop an understanding of how schools work and of the teaching/learning dynamic through required mentoring activities.

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

Repeat Status: Not repeatable for credit

### EDUC 102 - Foundations in Education II: Contemporary Issues

In this course students continue their exploration into the pedagogical and philosophical concepts, theories, methods and procedures in the context of contemporary education in America. Students develop an understanding of how schools work and of the teaching/learning dynamic through required mentoring activities.

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

Repeat Status: Not repeatable for credit

### 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

Repeat Status: Course can be repeated 3 time(s)

### EDUC 112 - Integrative Instruction: Focus on World Geography

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

Repeat Status: Not repeatable for credit

### EDUC 113 - Organizational Structure of Secondary Schools

Students will explore the organizational structure of high school programs and acquire competence in designing learner-oriented communities of practice in the classroom to foster student achievement and overall well-being.

Credits: 3.00

College: School of Education

Department: School of Education

Restrictions:

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

Pre-Requisites: EDUC 123 Minimum Grade: D

Repeat Status: Not repeatable for credit

### EDUC 115 - Reasoning about Numbers and Quantity (4-8)

Students will investigate number and quantity concepts, state and national teaching standards and appropriate pedagogical approaches to teaching such topics as; quantities, place value, whole number, fractions and additive reasoning.

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

Repeat Status: Not repeatable for credit

EDUC 120 - Child Development I: Typical Development

This course addresses the multifaceted complexities of child development, through discussion of classic and emerging theories. Students will recognize and apply developmental domains of theory and research in the field of child development.

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

Repeat Status: Not repeatable for credit

EDUC 121 - Child Development II: Atypical Development

Students will apply knowledge of typical growth and development in childhood to those children whose development is atypical. Key topics include newborn screening, patterns in development and cognitive testing. This course requires additional field experience hours.

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 120 Minimum Grade: D

Repeat Status: Not repeatable for credit

EDUC 123 - Adolescent Development

This course addresses the complexities of adolescent development, through discussion of theories. It uses research-based, real-world, and cross-cultural examples. It aims to foster the student's ability to recognize and apply connections among developmental domains, theory, and research with the field of human development. This course requires additional field experience hours.

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

Repeat Status: Not repeatable for credit

EDUC 142 - Special Education Foundations: Referral and Assessment

This course is an introduction to special education with specific emphasis placed on; the history of special education, legal and ethical means of assessment, translating data into the MDE and IEP processes and critical legal issues related to special education.

Credits: 4.50

College: School of Education

Department: School of Education

Restrictions:

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

Continuing Education

Repeat Status: Not repeatable for credit

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

Repeat Status: Not repeatable for credit

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

Repeat Status: Not repeatable for credit

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

Repeat Status: Course can be repeated 3 time(s)

#### Continuing Education

Repeat Status: Not repeatable for credit

#### EDUC 210 - Early Language Development

Provides preservice teachers an overview of language development in the early years of a child's life from birth to age five, in the home and school settings. Topics include; phonological awareness, acquisition of phonetic knowledge, semantic understanding and syntactic use. This course requires additional field experience hours.

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

Repeat Status: Not repeatable for credit

#### EDUC 240 - Proportional Reasoning in Middle School

This course provides middle grade teachers with key mathematical ideas of proportional reasoning. Topics explored in this course include: measurement, quantities, relative thinking, unitizing, sharing and comparing, reasoning up and down, and rational number interpretations.

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

Repeat Status: Not repeatable for credit

#### 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

Repeat Status: Not repeatable for credit

#### EDUC 244 - Inclusionary Practices for Exceptional Students

This course will introduce how to manage instruction for students with diverse learning and behavioral profiles in the inclusive classroom. It will address curricular, instructional, environmental adaptations/modifications and the use of technology to address students' needs. Other topics explored include; collaboration, co-teaching and practical/philosophical approaches to inclusion.

Credits: 4.50

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 142 Minimum Grade: D

Repeat Status: Not repeatable for credit

#### EDUC 223 - Teaching the Middle School Child

This course will explore the middle school environment, developmentally appropriate middle school programs, strategies for supporting students through the transition to middle school, and the impact of peer pressure on the middle school child. The course requires the candidate to apply theories learned in EDUC 123: Adolescent Development to the classroom setting.

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 123 Minimum Grade: D

Repeat Status: Not repeatable for credit

#### EDUC 246 - Literacy and Content Skill Development

This course offers a developmental approach for early identification of at-risk individuals and proceeds through literacy stages. Also, research, theory and practical research-supported instructional strategies will be provided for working with students. Literacy skills related to content areas will also be explored.

Credits: 4.50

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 142 Minimum Grade: D and EDUC 244 Minimum Grade: D

Repeat Status: Not repeatable for credit

#### EDUC 236 - Early Literacy I

This course examines research-validated literacy instruction and literacy interventions. Topics will include phonics, fluency, comprehension, vocabulary, and the reading-writing connection. Emphasis is placed on the socio-cultural aspects of reading. Focus is also placed on literacy instruction across the curriculum.

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 256 - Teaching Writing Grades 4-8

This course prepares the candidate to teach and assess writing effectively in grades 4-8. Formative and summative assessments in multi-genre writing will be learned and applied, including the use of Writing Folders and Portfolios.

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  
Repeat Status: Not repeatable for credit

**EDUC 257 - Content Area Reading (Grades 4-8)**  
This course prepares the pre-service teacher to teach and assess adolescents who are learning to read across multiple subject areas in grades 4-8. Students will explore textbooks, trade books, electronic texts and internet resources. Additional field experience hours are required for this 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  
Repeat Status: Not repeatable for credit

**EDUC 258 - Reading in the Content Areas**  
This introductory course is designed to help all (7-12) teacher candidates improve their students' reading, writing, research and discussion skills in school and for lifetime learning. The course will focus on important formats and strategies for learning to read and write well and to learn in any subject.  
Credits: 3.00  
College: School of Education  
Department: School of Education  
Restrictions:  
Must be enrolled in one of the following Program Level(s):  
Graduate Quarter  
Repeat Status: Not repeatable for credit

**EDUC 265 - Instructing English Language Learners**  
This course explores principles and theory of second language and literacy acquisition, bilingualism, academic language competence and linguistics, and instructional approaches based on these principles. This course requires additional field experience hours.  
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  
Repeat Status: Not repeatable for credit

**EDUC 284 - Teaching Life Science in the Middle School**  
Course designed to provide the developing middle grades teacher with skills to introduce life science content topics to middle school children, assess children's content knowledge, and develop a variety of hands-on strategies, effective pedagogy, and activities, mini-labs, and conceptual problems that can be implemented in middle grade classrooms.

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: (BIO 161 Minimum Grade: D and BIO 162 Minimum Grade: D ) or (BIO 102 Minimum Grade: D and BIO 104 Minimum Grade: D )  
Repeat Status: Not repeatable for credit

**EDUC 285 - Teaching Physical Science in the Middle School**  
This course provides the developing candidate with an introduction to how content topics including physical and chemical changes and properties of matter, motion and forces, sound, light, electricity, and magnetism are taught and assessed in the middle school. Candidates learn how to implement activities such as mini-labs and conceptual problems in the middle school setting.  
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  
Repeat Status: Not repeatable for credit

**EDUC 286 - Teaching Earth & Space Science for Middle School**  
This course is designed to provide an introduction to how content topics of earth, plate tectonics, earthquakes, earth's atmosphere/weather and climate are taught and assessed in the middle school. Students will learn how to design age appropriate activities for the middle school setting.  
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  
Repeat Status: Not repeatable for credit

**EDUC 292 - Science Methods for Middle School**  
This course examines planning science instruction to include inquiry and integrated concepts, developing authentic assessments, involving a variety of tools, creating and maintaining a safe laboratory and a learning environment that meets the needs of diverse learners in science education. This course requires additional field experience hours.  
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 284 Minimum Grade: D and EDUC 285 Minimum Grade: D and EDUC 286 Minimum Grade: D  
Repeat Status: Not repeatable for credit

**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):

Repeat Status: Not repeatable for credit

**EDUC 302 - Advanced Seminar In Personalized Systems of Instruction**  
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

Repeat Status: Not repeatable for credit

**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

Repeat Status: Course can be repeated 2 time(s)

**EDUC 306 - Assessment of Young Children I**

Students will gain an understanding of the role of the assessment process in early education. Students will explore evaluation procedures and classroom-based data collection strategies for young children in inclusive education settings. Course covers 3 major functions of assessment: program planning, program monitoring and program evaluation.

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

Repeat Status: Not repeatable for credit

**EDUC 307 - Assessment of Young Children II**

This course will provide candidates with an in-depth view of formal and informal evaluation procedures for young children and their families. Such procedures will be explored in the context of the function of assessment; screening, diagnosis/eligibility, program planning, and program evaluation.

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

Pre-Requisites: EDUC 306 Minimum Grade: D

Repeat Status: Not repeatable for credit

**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):

Repeat Status: Not repeatable for credit

**EDUC 311 - Computer Applications in Curriculum Development**

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  
Repeat Status: Not repeatable for credit

#### EDUC 314 - 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

Repeat Status: Not repeatable for credit

#### EDUC 315 - Secondary Science Teaching Methods

Methods for teaching middle and secondary school science are explored including strategies and technologies to support student learning as defined by the state and national science standards. Inquiry-based model of learning and assessment emphasized. Theory and practice bridged to provide hands-on experiences in application of constructivist learning theory and effective classroom 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

Repeat Status: Not repeatable for credit

#### EDUC 317 - Math Methods and Content: Early Childhood

Students will know and effectively deliver standards-based academic math content, based on age appropriate understanding, and individual and groups needs including a respect for the unique needs of all types of learners. This course requires additional field experience hours.

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

Co-Requisites: EDUC 217

Repeat Status: Not repeatable for credit

#### EDUC 318 - 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

Repeat Status: Not repeatable for credit

#### EDUC 319 - Teaching Secondary Mathematics

This course emphasizes the major issues in learning and teaching mathematics in the secondary school. Topics will include instructional practices, learning theories, philosophies of assessment, and curriculum in the secondary school. Throughout the course, emphasis will be placed on the appropriate use of technology.

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

Repeat Status: Not repeatable for credit

#### EDUC 320 - Professional Studies in Instruction

This course 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 the opportunity to apply results of current research on effective teaching. This is a writing intensive course.

Credits: 6.00

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

Repeat Status: Not repeatable for credit

#### 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

Repeat Status: Not repeatable for credit

#### 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: 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

Repeat Status: Not repeatable for credit

#### 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

Repeat Status: Not repeatable for credit

#### 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):

Repeat Status: Not repeatable for credit

#### 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

Repeat Status: Not repeatable for credit

#### 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

Repeat Status: Not repeatable for credit

#### 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

Repeat Status: Not repeatable for credit

#### EDUC 328 - Language Arts Processes 4-8

This course develops knowledge and competencies for teaching adolescent literacy in grades 4-8. Students will use supportive contexts, diverse texts, ongoing assessments, and technology to engage learners in developing self-directed, life-long literacy skills across all disciplines.

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

Repeat Status: Not repeatable for credit



### EDUC 335 - Engaging the Learner

This course provides multiple approaches to the critical linked processes of assessment, curriculum development, and inclusive instruction of all young children. Topics of study include: planning and preparation, using appropriate materials, scope and sequence and strategies for student-centered assessments.

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

Repeat Status: Not repeatable for credit

### EDUC 336 - Early Literacy II

This course focuses on teaching strategies that are effective in developing students' writing abilities within a literacy rich environment. The interrelationship between reading and writing will be emphasized. Additional field experience hours are required for this 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

Pre-Requisites: EDUC 236 Minimum Grade: D

Repeat Status: Not repeatable for credit

### 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

Repeat Status: Not repeatable for credit

### EDUC 338 - Expressive Arts for PK-4

The focus of this course is to teach educators to develop and incorporate relevant curriculum for the expressive arts (dance, music, theatre and visual arts) into the PK-4 classroom(s). Students will explore instructional strategies, modern technologies, stages of artistic development and multicultural art forms.

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

Repeat Status: Not repeatable for credit

### EDUC 347 - Special Education Processes

This course focuses on the special education processes, including: screening, assessment, IEP development/monitoring and evaluation. The course will also focus on strategies for problem-solving, communication, collaboration and student monitoring techniques within the special education process.

Credits: 4.50

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 142 Minimum Grade: D and EDUC 244 Minimum

Grade: D

Repeat Status: Not repeatable for credit

### EDUC 348 - Emotional & Behavioral Support

This course focuses on both low and high-incidence emotional and behavioral problems encountered in general and special education environments. Specific emphasis will be on understanding of characteristics and interventions that work with the most challenging students.

Credits: 4.50

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 142 Minimum Grade: D and EDUC 244 Minimum

Grade: D

Repeat Status: Not repeatable for credit

### EDUC 349 - High Incident Disabilities

This course focuses on high-incidence disabilities, specifically learning disabilities and language disorders encountered in general and special education environments. Additional emphasis is placed on an understanding of characteristics and interventions that support these types of students.

Credits: 4.50

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 142 Minimum Grade: D and EDUC 244 Minimum

Grade: D

Repeat Status: Not repeatable for credit

### EDUC 350 - Low Incident Disabilities

The focus of this course is on curriculum development approaches, instructional strategies, and accommodations for students with low incident and moderate/severe disabilities such as; low vision and blindness, hearing impairments and deafness, deaf-blindness, severe health and physical disabilities, and traumatic brain injuries.  
Credits: 4.50

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 142 Minimum Grade: D and EDUC 244 Minimum Grade: D  
Repeat Status: Not repeatable for credit

#### EDUC 351 - Pervasive Developmental Disorders

The focus of this course will be pervasive developmental disorders (PDD), specifically; understanding of characteristics, instructional strategies and effective interventions. The course will also emphasize behavior reduction strategies that are consistent with a positive behavioral support approach for students with PDD.  
Credits: 4.50

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 142 Minimum Grade: D and EDUC 244 Minimum Grade: D  
Repeat Status: Not repeatable for credit

#### EDUC 352 - Integrating Technology for Learning & Achievement

This course is designed to teach educators how to integrate technology into instruction in general education and special education classes, specifically to support reading, writing and mathematics achievement. It also focuses on the use of technology for universal design for learning and using assistive technology with students with disabilities.  
Credits: 4.50

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 142 Minimum Grade: D and EDUC 244 Minimum Grade: D  
Repeat Status: Not repeatable for credit

#### EDUC 353 - Special Education: Methods & Practices

This course will focus on effective instructional strategies to meet the learning needs of students with disabilities. Specific emphasis will be places upon; lesson planning, unit planning, grouping strategies and collaboration with other teachers and staff in all delivery settings.  
Credits: 4.50

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 142 Minimum Grade: D and EDUC 244 Minimum Grade: D  
Repeat Status: Not repeatable for credit

#### EDUC 355 - Social Studies Teaching Methods

This course focuses on the effective, responsible and ethical teaching of social studies in the elementary classroom. Topics include; perspectives of social studies, curriculum standards, unit development, assessment design, integrated curriculum and technology, and teacher decision-making.

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  
Repeat Status: Not repeatable for credit

#### EDUC 356 - Secondary Social Studies Methods

Students will be able to identify content and appropriate pedagogy strategies for the various National Council for the Social Studies disciplinary standards for history, geography, civics, economics and psychology. Major curriculum movements and teaching diverse learners are also explored. Classroom-based experiences are required.  
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  
Repeat Status: Not repeatable for credit

#### 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

Repeat Status: Course can be repeated 2 time(s)

#### 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  
Repeat Status: Not repeatable for credit

EDUC 411 - Family and Community Partnerships  
This course focuses on the process of family assessment and intervention, issues of family and professional collaboration and diversity, and methods of promoting adult communication and management strategies. It applies knowledge of socio-cultural and political contexts as they relate to the family, culture and society.  
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  
Repeat Status: Not repeatable for credit

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  
Repeat Status: Not repeatable for credit

EDUC 414 - Special Education: Field Placement Seminar  
This course is designed to develop special education teaching knowledge, skills and abilities through field placement, supervision and reflective practice. Activities include; journaling, best practice workshops and reflecting on relevant case studies.  
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  
Pre-Requisites: EDUC 142 Minimum Grade: D and EDUC 244 Minimum Grade: D and EDUC 346 Minimum Grade: D and EDUC 347 Minimum

Grade: D and EDUC 348 Minimum Grade: D and EDUC 349 Minimum Grade: D and EDUC 350 Minimum Grade: D and EDUC 351 Minimum Grade: D and EDUC 352 Minimum Grade: D and EDUC 353 Minimum Grade: D  
Repeat Status: Not repeatable for credit

EDUC 416 - Introduction to Math Teaching Methods (4-8)  
This course provides an introduction to learning and teaching mathematics to students in grades 4-8. Emphasis will be on fundamental ideas of number, operation and measurement. This course requires additional field 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  
Repeat Status: Not repeatable for credit

EDUC 417 - Advanced Math Teaching Methods (4-8)  
In this course, students will view mathematics from the perspective of a teacher; how to represent topics to learners in meaningful ways, analyze a learner's reactions to mathematics instruction, and how to select activities that allow the learners to construct meaning, rather than memorize rules and procedures. This course requires additional field-based hours.  
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 416 Minimum Grade: D  
Repeat Status: Not repeatable for credit

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):  
Continuing Education  
Repeat Status:

EDUC 432 - Algebraic Reasoning  
This course provides middle school teachers with mathematical ideas of algebraic reasoning. Topics include understanding of multiplicative reasoning, integer addition and rational multiplication as algebraic operations, identity and inverse properties. Emphasis will be placed on the processes of thinking, doing, explaining writing and revising.  
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

Repeat Status: Not repeatable for credit

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

Continuing Education

May not have the following Classification(s):

Freshman

Repeat Status: Course can be repeated 99 time(s) for 998.90 credit(s)

EDUC 433 - Functions in Middle School Math

This course is structured to introduce specific content knowledge using a variety of activities and conceptual problems that can be implemented in the middle school classroom. Emphasis will be placed on the process of thinking, doing, explaining, writing and revising 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

Repeat Status: Not repeatable for credit

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

Repeat Status: Not repeatable for credit

EDUC 475 - Special Studies in Teacher Education

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

Repeat Status: Course can be repeated 99 time(s) for 998.90 credit(s)

EDUC 499 - Independent Study in Teacher Education

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: