

ELEMENTARY EDUCATION (EDU)

EDU 103 CHILD AND ADOLESCENT DEVELOPMENT AND EDUCATION: AN INTRODUCTION

3, 3/0; SS23

An introduction to child and adolescent development, a broad overview of current educational trends in early childhood, childhood, and secondary education -- as they relate to child development. The course is to assist prospective teachers in choosing which age group of students they are interested in teaching. Offered occasionally.

EDU 121 TUTORING STUDENTS WITH A DIVERSE LANGUAGE BACKGROUND

3, 3/0

Prerequisite: Completion of all general education/IF cognates in math and English with a minimum grade of C. Develops socio-cultural awareness and trains tutors for community-based experiences. Prepares students for experiences and unique interactions between culture and education while providing strategies to help second-language learners access the core curriculum. Offered occasionally.

EDU 189 TOPIC COURSE

1-3, 1/0

EDU 189

EDU 201 INTRODUCTION TO EDUCATION

3, 3/0

Prerequisite: Major Status (CED, ECE, ECC, or CEDW).

Introduces students interested in the education profession to school teaching. Application of major theories, consideration of developmentally appropriate practices relative to learning standards, an introduction to classroom organization, classroom management and discipline, and participation in the reflective writing process are emphasized. A field experience is required. Offered every semester.

EDU 211 INTRODUCTION TO LITERACY

3, 3/0; IN23

This course is designed to teach students current literacy theories and practices supportive of diverse populations and congruent with federal and state learning standards. Offered every semester.

EDU 220 PROGRAMS FOR INFANTS AND TODDLERS

3, 3/0

Prerequisites: Majors; EDU 201, SPF 202, EDU 211.

Introduction to the field of early childhood education. Familiarity with the developmental needs and program requirements for infants and toddlers. Students plan developmentally appropriate activities to use with these age groups and implement them in a field placement. Special attention is given to the assessment of young children in the fifty hour field placement. Offered every semester.

EDU 304 WOMEN AND MATHEMATICS

3, 3/0; DI23

Prerequisite: CWP 102. The study of women and mathematics as it relates to career development, bias, stereotypes, anxiety and attitude. An examination of successful women mathematicians, past and present. Insights into the challenges faced by women when studying mathematics and in careers involving mathematics. Offered every spring.

EDU 306 TEACHING MATHEMATICAL CONCEPTS BIRTH - GRADE 2

3, 3/0

Prerequisites: EDU 211, MAT 121 or equivalent. Focuses on methods, principles and strategies for teaching math in early childhood settings. Examines mathematical concepts infused in young children's experiences, the use of mathematical tools in young children's learning, methods for adapting math curriculum for learners with diverse abilities, and the relationship of mathematical learning to all areas of the curriculum. Analyzes assessments that encompass both understanding and procedural skills. Offered every semester.

EDU 310 TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL

3, 3/0; DI23

Prerequisite: EDU 211. Provides an opportunity for teacher candidates to critically examine current trends, issues, and practices relating to the professional standards for integrating social studies content into the elementary school curriculum. Teacher candidates will learn concepts, facts, and tools to implement culturally relevant pedagogy in inclusive and equitable classrooms of diverse learners. Offered every semester.

EDU 311 THE TEACHING OF READING AND THE OTHER LANGUAGE ARTS IN THE ELEMENTARY SCHOOL

6, 6/0; RE23

Prerequisite: Majors; Overall cumulative GPA of 2.5 in these courses: EDF/SPF 202, EDF/SPF 203, EDF/SPF 302; EDU 201, EDU 211 (exceptional education students will substitute EXE 360 for EDU 201). EDU 211 must have a C or higher. Builds methodological practice from the theoretical scaffold of literacy knowledge and teaching established in EDU 211 and the survey course EDU 201. Participation in classroom practice while exploring in-depth curricular, theoretical, and practical educational frameworks. Junior participants apply skills and processes they have learned in previous courses to teach language arts across the curriculum. Students plan, implement and evaluate lessons incorporating the NYS and Common Core Standards for English Language Arts; practice and evaluate assessment tools and processes; become reflective practitioners; demonstrate effective techniques for instructional organization in a Professional Development School. Orientation required. Offered every semester.

EDU 312 THE TEACHING OF SCIENCE AND MATHEMATICS

6, 6/0

Prerequisites: Majors; overall cumulative GPA 2.5 or higher; cumulative GPA of 2.5 in the professional sequence, and a C or higher in EDU 311W. Basic curriculum course for elementary teachers. Students participate in classroom practice while exploring in-depth curricular, theoretical, and practical educational frameworks. Students plan, implement, and evaluate lessons incorporating the NYS and professional organization standards for mathematics, science and technology; practice and evaluate assessment tools and processes; become reflective practitioners; demonstrate effective techniques for instructional organization in a Professional Development School. Offered every semester.

EDU 313 TEACHING SCIENCE IN EARLY CHILDHOOD AND CHILDHOOD SETTINGS

3, 3/0

Prerequisites Grade of C or better in EDU 211. Explore the teaching of science to elementary students guided by learning theory and current practices. Effective science instruction strategies guided by current standards, will be developed and practiced. Offered every semester.

EDU 314 TEACHING READING AND THE OTHER LANGUAGE ARTS IN THE ELEMENTARY SCHOOL

6, 8/0

EDU 314

EDU 315 THE TEACHING OF SOCIAL STUDIES, SCIENCE, AND MATHEMATICS

6, 3/0

EDU 315

EDU 316 TEACHING ELEMENTARY SCHOOL MATHEMATICS

6, 3/0

Pre-requisites: Full majors only; overall minimum GPA of 2.5; professional sequence minimum GPA of 2.5; EDU 311 or EDU 322, for SCE majors only, with a grade of C or better; Math 122 or higher. Basic curriculum course for elementary teachers. Students participate in classroom practice while exploring in-depth curricular, theoretical, and practical educational frameworks. Students plan, implement, and evaluate lessons incorporating the NYS standards for mathematics, science and technology; practice and evaluate assessment tools and processes; become reflective practitioners; demonstrate effective techniques for instructional organization in a professional development school. Offered every semester.

EDU 322 LITERACY INSTRUCTION IN THE ELEMENTARY SCHOOL

3, 3/0; RE23

Prerequisites: EDU 211. Corequisites: EXE 321. Develops knowledge, skills and dispositions to extend the reading and other communication abilities of diverse populations congruent with federal learning standards. Builds upon current theories and practices of literacy instruction introduced in EDU 211 to prepare teacher candidates to implement appropriate literacy methods and instructional strategies in a field setting. Includes development of curricula for children within a balanced literacy philosophy and approach to teaching. Designed to develop observant and reflective practitioners.

EDU 323 FIELD PLACEMENT IN LITERACY METHODS FOR CHILDREN WITH AND WITHOUT DISABILITIES

3, 0/0

Corequisites: EXE 321 and EDU 322. Prerequisites: EXE 100 (minimum grade of C or higher); EXE 221 (minimum grade of C or higher); EDU 211 (minimum grade of C or higher); Exceptional Education Major Status; 2.6 overall GPA; CWP 102; 1 from: ECO 305, MAT 103, MAT 114, MAT 122, MAT 124, MAT 126, MAT 161, MAT 311, PHI 107. Field experience course in literacy methods emphasizing assessment and instructional design and delivery. Includes effective practices for students with typical development, at-risk and with disabilities. Offered every semester.

Equivalent Course: EXE 323

EDU 326 EARLY LITERACY AND LANGUAGE DEVELOPMENT

3, 3/0

Prerequisites: ECE or ECC Majors; Overall and Professional Sequence GPAs of 2.5 or higher, EDU 220, C or higher in EDU 311W. May be taken concurrently with EDU 329. Exploration of principles, practices and materials for providing children, Birth-Preschool, with strong foundation to support early literacy skills and language development. Examines theoretical influences on language development, relationship between oral language and early literacy, children's literature, curriculum and assessment. Consideration of implications for enhanced literacy and language outcomes for all children. Offered every semester.

EDU 327 FUNDAMENTALS OF PLAY

3, 3/0

Prerequisites: EDU 211 and EDU 220. Understanding the essence of play from a socio-cultural perspective. Play's definition and its tenets as they parallel the New York State Common Core Standards for Early Childhood. Play's categories, social stages, and types of development.

EDU 329 INTEGRATED THEMATIC INSTRUCTION FOR YOUNG CHILDREN

6, 6/0

Prerequisites: ECE or ECC Majors; Overall and Professional Sequence GPAs of 2.5 or higher, EDU 211, EDU 220, EDU 311W with a grade of C or higher. Use of knowledge of child development and learning to provide opportunities that support the physical, social, emotional, cognitive, and aesthetic development of preschool, kindergarten, and primary-grade children. Lessons are taught in a Professional Development School. Offered every semester.

EDU 342 TEACHING ELEMENTARY SCHOOL MATHEMATICS

3, 3/0

Pre-requisites: Math 122 or higher; EDU 322 with a grade of C or better; EXE majors only; overall minimum GPA of 2.6; Concurrent enrollment in EXE 344. Mathematics curriculum course for elementary teachers. Students explore in-depth curricular, theoretical, and practical educational frameworks for teaching mathematics. Students plan and evaluate mathematics lessons incorporating the state and national standards for mathematics; explore links among mathematics, science and technology; evaluate mathematics assessment tools and processes; become reflective mathematics teaching practitioners; demonstrate effective techniques for instructional organization in an elementary school. Students read and explain current research in mathematics education at the elementary level. Offered every semester.

EDU 343 FIELD PLACEMENT FOR TEACHING ELEMENTARY SCHOOL MATHEMATICS

3, 3/0

Prerequisite: EXE 321 (minimum grade of C or higher); EDU 322 (minimum grade of C or higher; EXE/EDU 323 (minimum grade of C or higher); Exceptional Education Major Status; 2.6 overall GPA. Corequisites: EDU 342; EXE 344. Field experience course in elementary school mathematics. Students plan, implement, differentiate, and evaluate mathematics lessons; administer and evaluate assessment tools and processes; become reflective practitioners; and demonstrate effective techniques for instructional organization in an elementary school. Students design and implement plans that address elementary student deficits in mathematics.

EDU 349 MIDDLE CHILDHOOD DEVELOPMENT, CURRICULUM AND LEARNING

3, 3/0

Prerequisites: SPF 202 or SPF 303. Explores early adolescence as a unique transition period. Examines middle level student characteristics and critical transformations that take place during these years. Details research-based curriculum for diverse students in Grades 5-9 to promote cognitive, social, emotional and physical development. Analyzes interdisciplinary models and methods for middle-level teaching in content areas. Offered fall and spring.

EDU 375 INTEGRATION OF TECHNOLOGY IN EDUCATION

3, 3/0

Prerequisites: Majors; EDU 211. Provides the pre-service teacher with an awareness of the current range of instructional and adaptive technologies. Emphasis on curricular integration of technology within the general and special education classroom, and connections between instructional technology and the broader role of technology in society. Offered every semester.

EDU 380 INTERNATIONAL PROFESSIONAL DEVELOPMENT SCHOOLS STUDY ABROAD AND SERVICE LEARNING

3, 3/0

Prerequisites: GPA 2.5 or better. This course provides opportunities to globalize understanding and experience of education including education of language learners through study about and travel to an international destination. Topics include history, geography, language, and culture of the target country; pedagogical tools for working with language learners; intercultural competency; political and global interactions; comparative education study; keys to reflective practice. Offered each semester in conjunction with extended-semester study away initiative.

EDU 389 TOPICS IN CHILD ABUSE: THE ROLE OF THE CLASSROOM TEACHER

1-3, 0/0

EDU 389

EDU 400 PRACTICUM IN ELEMENTARY TEACHING I

6, 0/6

Prerequisites: Majors; Minimum overall cumulative GPA of 2.5; minimum grade of C in teaching methods courses related to specific major (EDU 311 or EDU 311W, and EDU 316 or EDU 329). Minimum GPA of 2.5 in major courses, successful completion of English composition/basic communication and mathematics competency requirements. Intended as the teacher candidate's culminating experience. This is the first supervised teaching experience of two school settings at two developmental levels five full days a week for approximately seven to eight consecutive weeks. Teacher candidates are required to effectively demonstrate content knowledge, pedagogical preparation, instructional delivery, classroom management, knowledge of student development, collaboration with school professionals, and reflective practice. Extension teacher candidates will take EDU 404 and their extension student teaching course. Exceptional Education majors will take EDU 404 and their EXE student teaching course. Early Childhood and Combined Early Childhood/ Childhood majors will take EDU 400 and EDU 410. Offered every semester.

EDU 401 PRACTICUM IN TEACHING: INTERMEDIATE
6, 0/6

Prerequisites: Majors . Minimum cumulative GPA of 2.5; minimum grade of C in methods courses related to respective major (EDU 310, EDU 311, EDU 312 or EDU 316); minimum cumulative 2.5 GPA in major courses; successful completion of English composition/basic communication and mathematics competency requirements. Intended as the teacher candidate's culminating experience. Supervised teaching in elementary grades five full days a week for approximately seven to eight consecutive weeks. Individual conferences and seminars with college supervisor. Tutorial and group instruction. Daily and long-range planning, teacher-pupil planning, unit teaching, audiovisual aids, classroom management, record keeping, evaluation techniques. Offered every semester.

EDU 402 SEMINAR IN EDUCATION

1-3, 1/0

Nature and function of a philosophy of education. Teaching research methods and techniques, crucial issues in education, problems of beginning teachers. To be taken concurrently with EDU 400, EDU 401, EDU 404 and/or EDU 410. Required for all childhood, early childhood, and combined education majors. Offered every semester.

EDU 404 PRACTICUM IN ELEMENTARY TEACHING FOR EX ED & MIDDLE SCHOOL EX STUDENTS
6, 0/0

Prerequisites: Extension and Exceptional Education majors only. Minimum cumulative GPA of 2.5; minimum grade of C in teaching methods courses (EDU 310, EDU 311, and EDU 312 or EDU 316). Minimum GPA of 2.5 in professional sequence/major courses. For elementary education teacher candidates seeking certification in childhood/exceptional education, or childhood with a middle school extension. Intended as the teacher candidate's culminating experience. Supervised teaching experience in an elementary grade setting five full days a week for approximately seven to eight consecutive weeks. Teacher candidates are required to effectively demonstrate content knowledge, pedagogical preparation, instructional delivery, classroom management, knowledge of student development, collaboration with school professionals, and reflective practice. Offered every semester.

EDU 405 PARENT-INFANT EXPERIENCE

3, 3/0

EDU 405

EDU 410 PRACTICUM IN EARLY CHILDHOOD TEACHING

6, 0/6

Prerequisites: Early Childhood and Combined Education Majors only. Minimum cumulative GPA of 2.5; minimum grade of C in methods courses related to respective major (EDU 220, EDU 311, EDU 329); minimum cumulative 2.5 GPA in major courses; successful completion of English composition/basic communication and mathematics competency requirements. Intended as the teacher candidate's culminating experience. Provides supervised teaching experience in an early childhood classroom five full days per week for approximately seven to eight consecutive weeks. Effective demonstration of content knowledge, pedagogical preparation, instructional delivery, classroom management, knowledge of student development, collaboration with school professionals, and reflectivity of practice. Offered every semester.

EDU 411 PARENTS, SCHOOLS, AND COMMUNITY
3, 3/0

Prerequisite: EDU 311 or EDU 311W with a minimum grade of C. Early childhood and combined childhood/early childhood majors only; this course may be taken concurrently with student teaching or in a previous semester. Designed to assist students in building partnerships among parents, schools, and diverse communities. Students will learn how to collaborate with families and implement family involvement strategies during student teaching. Special attention will be given to linking families with services offered in the school and community. Offered every semester.

Equivalent Course: EDU 420

EDU 416 TEACHING LITERACY IN MIDDLE AND SECONDARY SCHOOLS

3, 3/0

Prerequisites: Majors, upper division status. Special problems in reading encountered in middle and secondary schools. Includes the reading process, reading skills, and techniques for assessing developing reading skills. Special emphasis on critical reading in content areas. Offered every semester.

EDU 417 ADOLESCENT LITERACY

3, 3/0

Prerequisites: EDU 416 or equivalent; upper division status. Literacy development of adolescents in multiple contexts. Topics will include adolescents' multiple literacies, assessing literacy abilities, use of technology and materials other than textbooks, integration of literacy across disciplines, and strategies for working with struggling students, English learners, students with disabilities, and advanced students. Offered every semester.

EDU 420 ISSUES IN EARLY CHILDHOOD

3, 3/0

Prerequisites: Junior/Senior Status, EDU 220. Explores current issues and trends in early childhood education, their sources and impact on best practices in the early childhood classroom related to expectations, curricula, assessment, and other initiatives. Evaluates implications for early childhood programs/settings, diverse families and communities. Emphasizes the historical and political context for change and advocacy for sound educational practices and policies for the future.

EDU 483 BSC LED STUDY AWAY PROGRAM

1-15, 0/0

Acceptance into the program required.

EDU 488 INTERNSHIP IN NON-SCHOOL SETTINGS

0, 0/0

EDU 488

EDU 495 SPECIAL PROJECT

1-6, 0/0

EDU 495

EDU 497 SPECIAL COURSE

1-3, 1/0

EDU 497

EDU 499 INDEPENDENT STUDY

3-12, 0/0

Offered occasionally.