

Early Childhood Education

ECE 545. Curriculum for Young Children: Math Science and SS. 3-6 Hours.

Basic knowledge of curriculum and concepts of mathematics, science, and social studies for young children. Child growth and development as basis for planning and teaching mathematics, science, and social studies to young children. Teaching methods and use of instructional media. Practicum experience required.

ECE 546. Comm Arts/Reading Young Child. 3-6 Hours.

Nature of reading and language arts experiences for children grades Pre-K-3. Media, materials, experiences, programs, and strategies to facilitate development of communicative abilities with emphasis on preserving and maintaining creative expression. Integration of learning in areas of listening, speaking, reading, composition, literature, handwriting, spelling, and other communication arts. Laboratory experiences required.

ECE 548. Infant/Toddler Development. 3 Hours.

Study of human development within an ecological context from before birth to three years of age. Course covers social-emotional, physical, cognitive, language, and creative development of the infant and toddler in the home and also in programs for very young children.

ECE 549. Edu Environment: Inf/Todd/Par. 3-6 Hours.

Study of infant (or toddler) development as it relates to the organization of a parent/infant (or toddler) educational program. Information concerning program management, observation of parent/infant (or toddler) interaction, development and sequencing of activities, creation and evaluation of materials, and an examination of techniques and procedures for parent involvement and education. Actual experience in working with a parent/infant (or toddler) program will be an integral part of the course. Prerequisite: ECE 548 or equivalent.

Prerequisites: ECE 548 [Min Grade: C]

ECE 620. Introduction to Curriculum and Teaching in Cultural & Familial Contexts. 3 Hours.

Developing knowledge of early childhood curricula for young children and their families in a variety of cultural contexts. Relationship of child growth and development and family empowerment in planning and implementation of curriculum.

ECE 630. Cognitive Curriculum ECE. 3 Hours.

Mathematics and science for young children based on constructivism. Topics include children's thinking, particularly in physical-knowledge, group games, and situations in daily living. Development oral autonomy is also included. Field experiences required.

ECE 631. Programs for Young Children. 3 Hours.

Basic knowledge of organizing and administering early childhood programs, infancy through third grade, in a variety settings. Provides an overview of functions of program administration including pedagogy, accreditation, organizational development and systems, human resources, collaboration, and advocacy. Field experiences required.

ECE 632. Young Children and Their Literature. 3 Hours.

Literature for children infancy through third grade; selection, use, and integration of literature in total curriculum. Using literature for reading and writing instruction. Field experiences required.

ECE 633. Social and Emotional Development of the Young Child. 3 Hours.

Topics include the study of social and emotional development, the child's ability to react to and interact with the social environment, temperament, attachment, emotional regulation, and social competence. Field experiences required.

ECE 670. Studying the Young Child in School. 3 Hours.

This course provides an overview of key issues related to analysis of child study in school and the values and limitations of assessment. Candidates will engage in in-depth experiences in evaluating the growth and development of children.

ECE 690. Infant-Toddler Practicum. 1-6 Hour.

Early Childhood Practicum in birth to age three settings.

ECE 691. Practicum Supervision in ECE. 1-3 Hour.

Supervision of practicum students.

ECE 692. Practicum in Primary Education. 1-9 Hour.

Early Childhood Practicum in Kindergarten to third grade settings.

ECE 693. Internship in Early Childhood Education. 3-9 Hours.

Full-time internship for 10 weeks (300 clock hours).

ECE 694. Practicum in Play-based Education for the Young Child. 3 Hours.

Investigate the intrinsic nature of play in the lives of young children; engage in play observations, analyze contemporary theories of play & development, and plan and implement a play-based curriculum inclusive of creativity, curiosity, play, social negotiation, and problem-solving.

ECE 730. Doctoral Seminar I: Issues in Development Theory. 3 Hours.

Special Topics in Early Childhood and Development Studies. Specific topic announced in class schedule.

Prerequisites: GAC Z

ECE 731. Doctoral Seminar II: Children and Society. 3 Hours.

Special Topics in Early Childhood and Development Studies. Specific topic announced in class schedule.

Prerequisites: GAC Z

ECE 732. Doctoral Seminar III: History of Early Childhood Education. 1-3 Hour.

Survey of historical, philosophical, and sociocultural foundation of early childhood programs and policies.

Prerequisites: GAC Z

ECE 733. Doctoral Seminar IV: Advanced Research Design in ECE. 3 Hours.

Evaluation and planning of research in preparation for dissertation.

ECE 734. Logic and Scientific Inquiry. 3 Hours.

Scientific investigation as applied in education. Conceptual issues in research process. Methods of analysis and presentation.

ECE 735. Meaning and Development of Play. 3 Hours.

Nature of play, its importance and how it is nurtured.

ECE 736. Personality Development of the Young Child. 3 Hours.

Theoretical perspectives; review of research, including cross-cultural studies.

ECE 737. Parent Child and School Interface. 3 Hours.

Historical development of parent involvement. Theoretical bases of family-school interactions.

ECE 738. The Consultation Process and the Young Child. 3 Hours.

Skills for working with families, teachers, and professionals in community agencies that serve infants, toddlers, and young children.

ECE 739. Developing Interpersonal Competence for Leaders. 3 Hours.

Relationships with coworkers and subordinates. Various approaches to interpersonal relationships.

ECE 740. Research Apprenticeship. 3-6 Hours.

Planning, implementation, analysis, and presentation of research.

ECE 741. Research Study: Design and Implementation. 3 Hours.

Development of rationale, literature search, collection and analysis of data, and formal written report (according to APA guidelines). Must be completed before admission to candidacy.

Prerequisites: EPR 607 [Min Grade: C] and EPR 608 [Min Grade: C] and EPR 609 [Min Grade: C] and ECE 740 [Min Grade: C]

ECE 742. Piaget: Theory and Research I. 3 Hours.

Jean Piaget's theory, application to early childhood education; physical and social (conventional) knowledge. Representation and memory, logico-mathematical knowledge. Prerequisite: Master's degree and EEC 672.

Prerequisites: EEC 672 [Min Grade: C]

ECE 743. Piaget: Theory and Research II. 3 Hours.

Jean Piaget's theory, application to early childhood education; physical and social (conventional) knowledge. Representation and memory, logico-mathematical knowledge.

ECE 744. Piaget: Theory and Research III. 3 Hours.

Jean Piaget's theory, application to early childhood education; physical and social (conventional) knowledge. Representation and memory, logico-mathematical knowledge.

ECE 745. Piaget: Theory and Research IV. 3 Hours.

Jean Piaget's theory, application to early childhood education; physical and social (conventional) knowledge. Representation and memory, logico-mathematical knowledge.

ECE 746. Contemporary Issues in Science Education. 3 Hours.

Crisis atmosphere surrounding science education in American classroom.

ECE 747. Social Development of Young Children. 3 Hours.

Factors influencing socialization of young children.

ECE 748. Research in Infancy. 3 Hours.

Theoretical and empirical evidence relating to developmental domains for young children.

ECE 749. Advanced Early Childhood Curriculum. 3 Hours.

Historical, philosophical, psychological, and social thought influencing curriculum in early childhood education.

ECE 750. Literacy Before School. 3 Hours.

Written language development of preschool children.

ECE 751. School and Literacy Instruction. 3 Hours.

Primary-level literacy instruction and children's literacy development.

Prerequisites: Admission to doctoral program in early childhood education and two courses in language development.

ECE 752. Theory Research Literacy Development Instruction. 3 Hours.

Philosophical and psychological beliefs regarding literacy development.

ECE 753. John Dewey and the Early Childhood Curriculum. 3 Hours.

Dewey's philosophy, epistemology; relationship to early childhood education and development.

ECE 760. Current Issues in Education. 2-3 Hours.

Current Issues in Early Childhood Education and Advocacy.

ECE 774. Advanced Seminar in Language Development. 3 Hours.

Relationship of thinking and knowing to language development; strategies for analysis; strengths and weaknesses of techniques of examining language development.

ECE 790. Internship in Early Childhood Education and Development. 3-9 Hours.

Internship.

ECE 791. Field Studies in Early Childhood Education. 1-6 Hour.

Individual Field Projects.

ECE 792. Directed Readings in Research. 3 Hours.

Review of research in early childhood education to gain understanding of conceptual and methodological basis.

ECE 793. Individual Research in Early Childhood Education. 3 Hours.

Recent research in early childhood education; systematic solutions to problems in education.

ECE 794. Current Research Topics in Early Childhood Education. 1-3 Hour.

Philosophical aspects of scientific methods in education; functions of paradigms, theories, and models in inquiry; theory development and validation; major types of experimental and nonexperimental inquiry appropriate to study of educational phenomena.

ECE 798. Non-Dissertation Research. 1-12 Hour.

The course provides for supervised research experience under the direction of a graduate faculty member within the School of Education. The topic for an ECE 798 course must relate to the discipline or specializations within early childhood education and child development.

ECE 799. Dissertation Research. 1-12 Hour.

Doctoral research.

Prerequisites: GAC Z