Courses

Focus on skills needed to plan, organize, manage, implement, and evaluate appropriate instruction in the elementary classroom. Prerequisite(s): ELEMECML 4150/5150 (210:152g); junior standing. Registration requires full admission to the Teacher Education Program. Must have a cumulative and UNI GPA of 2.50 or higher to enroll in this course. (Fall, Spring, Summer)

Investigation of current textbook series, trends, teaching materials, and appropriate instructional strategies for contemporary elementary school science programs. Prerequisite(s): ELEMECML 4150/5150 (210:152g) or ELEMECML 4151/5151 (210:151g); junior standing. Registration requires full admission to the Teacher Education Program. Must have a cumulative and UNI GPA of 2.50 or higher to enroll in this course. (Fall, Spring, Summer)

Basic methods and materials for teaching the knowledge, skills, attitudes and values in history, geography, political science/civic literacy, economics and behavioral sciences. Prerequisite(s): ELEMECML 4150/5150 (210:152g) or ELEMECML 4151/5151 (210:151g); junior standing. Registration requires full admission to the Teacher Education Program. Must have a cumulative and UNI GPA of 2.50 or higher to enroll in this course. (Fall, Spring, Summer)

Methods of implementing appropriate curriculum for and guidance of very young children, including children with diverse needs in inclusive group settings. Prerequisite(s): ELEMECML 4151/5151 (210:151g); EDPSYCH 4109/5109 (200:109g); junior standing. Must have a cumulative and UNI GPA of 2.50 or higher to enroll in this course. Requires full admission to Teacher Education. Corequisite(s): ELEMECML 4122/5122; SPED 4144/5144. (Fall and Spring)

ELEMECML 4122/5122. Exploring Diversity Among Infants and Toddlers — 1 hr.
Direct and indirect experiences with both typically and atypically developing infants and toddlers in group care, home, and other settings. Requirements include, but are not limited to a minimum of 20 hours of direct experience in child care settings serving infants and toddlers, a minimum of 10 hours of direct experience with atypically developing infants and toddlers and their families and service providers, and a minimum of 5 hours of indirect experiences in settings providing services to atypically developing infants and toddlers. Prerequisite(s): Level II of the Professional Education Requirements: ELEMECML 4151/5151 (210:151g). Corequisite(s): ELEMECML 4121/5121 (210:121g); SPED 4144/5144. Registration requires full admission to the Teacher Education Program. Must have a cumulative and UNI GPA of 2.50 or higher to enroll in this course. (Fall and Spring)

Introduction, exploration and application of various methods for teaching and assessing visual and performing arts integration with content across the elementary curriculum. Prerequisite(s): junior standing. Must have a cumulative and UNI GPA of 2.50 or higher to enroll in this course. (Fall, Spring, Summer)

ELEMECML 4130/5130 (210:130g). Guidance and Instruction in Early Childhood Education — 3 hrs.
Discussion of the role of the teacher in guiding young children in their learning activities. Emphasis on planning and implementing early childhood programs. Prerequisite(s): ELEMECML 4151/5151 (210:151g); junior standing. Corequisite(s): ELEMECML 4192/5192 (210:192g). Registration requires full admission to the Teacher Education Program. Must have a cumulative and UNI GPA of 2.50 or higher to enroll in this course. (Fall and Spring)

ELEMECML 4135/5135 (210:135g). Middle Level Instruction, Differentiation, and Assessment — 3 hrs.
Strategies for instruction, differentiation, and assessment for addressing the cognitive characteristics and needs of young adolescents in grades five through eight. Prerequisite(s): EDPSYCH 3148 (200:148); EDPSYCH 4152/5152 (200:152g); junior standing. Prerequisite(s) or corequisite(s): ELEMECML 4152/5152 (210:150g) or equivalent. Registration requires full admission to the Teacher Education Program. Must have a cumulative and UNI GPA of 2.50 or higher to enroll in this course. (Fall and Spring)

Pedagogy that facilitates the development of cross-cutting concepts and habits of inquiry within STEM (science, technology, engineering, and mathematics) through authentic, meaningful, and integrative investigations in elementary classrooms. Prerequisite(s): for undergraduate students: junior standing. Prerequisites for graduate students: admission to the Elementary Education Master's Program (MAE) or consent of instructor. (Spring)

ELEMECML 4142/5142 (210:142g). Sustainability Applications in Elementary Science Teaching — 3 hrs.
Resources, content background and materials in elementary science with emphasis on sustainability applications. Special attention to integrating theory and practice with techniques, materials, and equipment. Stresses interrelations between the various sciences and application of skill subjects. Prerequisite(s): junior standing. (Variable)

ELEMECML 4143/5143 (210:143g). Applications/Content in Elementary Social Studies — 3 hrs.
Applying knowledge of current trends, resources, and content as a means of developing, enriching, and expanding the social studies curriculum. Prerequisite(s): ELEMECML 3164 (210:164); junior standing. Registration requires full admission to the Teacher Education Program. (Fall)
Elementary, Early Childhood and Middle Level Education Courses (ELEMECML)

**ELEMECML 4149/5149 (210:149g). Child, Family, School and Community Relationships — 3 hrs.**

Procedures for developing home-community-school relationships to promote the education of each child in reaching her/his maximum potential. Emphasis on preschool-kindergarten level. Prerequisite(s): junior standing. Registration requires full admission to the Teacher Education Program. Must have a cumulative and UNI GPA of 2.50 or higher to enroll in this course. (Fall and Spring)

**ELEMECML 4150/5150 (210:152g). Elementary Curriculum — 3 hrs.**

Recent trends in the curriculum for children in grades K-6. Prerequisite(s): completion of Level I of the Professional Education Requirements - Elementary Education; junior standing. Prerequisite(s) or corequisite(s): Level II of the Professional Education Requirements. Registration requires full admission to the Teacher Education Program. Must have a cumulative and UNI GPA of 2.50 or higher to enroll in this course. (Fall and Spring)

**ELEMECML 4151/5151 (210:151g). Early Childhood Curriculum Development and Organization — 3 hrs.**

Current trends in curriculum for preschool and primary children. Prerequisite(s): EDPSYCH 4109/5109 (200:109g); completion of Level I of the Professional Education Requirements - Early Childhood Education; junior standing. Prerequisite(s) or corequisite(s): Level II of the Professional Education Requirements. Registration requires full admission to the Teacher Education Program. Must have a cumulative and UNI GPA of 2.50 or higher to enroll in this course. (Fall and Spring)

**ELEMECML 4152/5152 (210:150g). Middle Level Curriculum — 2 hrs.**

Examination of middle school design, programs, and practices for meeting the needs of young adolescents in grades 5-8, including middle school philosophy, history, interdisciplinary instruction and teaming, core curriculum, exploratory courses, and advisory programs. Students must be available for a Tuesday field experience. Prerequisite(s): junior standing. Prerequisite(s) or corequisite(s): Level II of the Professional Education Requirements. Registration requires full admission to the teacher education program. Must have a cumulative and UNI GPA of 2.50 or higher to enroll in this course. Students must be available for a 10-hour field experience. (Fall and Spring)

**ELEMECML 4154/5154. The Gifted and Talented — 3 hrs.**

Educational needs of gifted and talented children and youth. Emphasis on characteristics, identification/assessment, special populations, counseling, parenting, and program intervention. Prerequisite(s): full admission to teacher education; junior standing. (Variable)

**ELEMECML 4155/5155 (210:155g). Constructivist Early Education — 3 hrs.**

Overview of theory and practice in constructivist early childhood education. Survey of sociomoral atmosphere (including group time, rule making, voting, social and moral discussion, academics, etc.), physical knowledge activities, group games, and classroom management. Prerequisite(s): junior standing. (Variable)

**ELEMECML 4156/5156. Educational Strategies for Gifted and Talented — 3 hrs.**

Current trends in educational programming for the gifted and talented. Prescription, implementation, and evaluation of differentiated curriculum/educational strategies used in the comprehensive program. Prerequisite(s): ELEMECML 4154/5154 or consent of instructor; junior standing. (Variable)

**ELEMECML 4157/5157. Coordinating Programs for the Gifted and Talented — 3 hrs.**

Methods/procedures for coordinating/directing school district PK-12 programs for the gifted and talented. Emphasis on program planning, management, supervision, and evaluation. Prerequisite(s): ELEMECML 4154/5154; ELEMECML 4156/5156; or consent of instructor; junior standing. (Variable)

**ELEMECML 4158/5158. Practicum in Education of the Gifted — 3 hrs.**

Practicum in which curriculum and instructional methods for Education of the Gifted are used with preK-12 students. Prerequisite(s): ELEMECML 4154/5154; 4156; 4157; junior standing. (Variable)

**ELEMECML 4160/5160. Administration of Programs in Early Childhood — 1 hr.**

Overview of knowledge and skills necessary for designing, planning, implementing, assessing, managing, and leading integrated, developmentally appropriate programs for children of diverse backgrounds and abilities, ages birth-8 years. Prerequisite(s): Full admission to Teacher Education; Must have a cumulative and UNI GPA of 2.50 or higher to enroll in this course; junior standing. (Fall and Spring)

**ELEMECML 4161/5161. Field Experience in Early Childhood Curriculum — 1 hr.**

Direct and indirect experiences with both typically and atypically developing preprimary and primary age children in group care. Requirements include, but are not limited to a minimum of 20 hours of direct experience in preprimary or, primary, settings, and a minimum of 10 hours of direct experience with atypically developing children and their families and service providers. Prerequisite(s): junior standing. Corequisite(s): ELEMECML 4151/5151 (210:151g). Registration requires full admission to the Teacher Education Program. Must have a cumulative and UNI GPA of 2.50 or higher to enroll in this course. (Fall and Spring)

**ELEMECML 4192/5192 (210:192g). Experience — 2-4 hrs.**

May be offered in various specialized fields as indicated in Schedule of Classes, but may be taken only twice for credit in the same area. Prerequisite(s): successful completion of TEACHING 2017 and TEACHING 3128; junior standing. Corequisite(s): ELEMECML 4130/5130 (210:130g). Registration requires full admission to the Teacher Education Program. Must have a cumulative and UNI GPA of 2.50 or higher to enroll in this course. (Fall and Spring)

**ELEMECML 6201 (210:201). Issues and Trends in Curriculum — 3 hrs.**

Current ideas influencing the planning and implementation of curriculum. Prerequisite(s): consent of department. (Variable)

**ELEMECML 6204 (210:204). Curriculum Construction — 3 hrs.**

Role of the classroom teacher in curriculum development projects, focusing on educational change process, procedures, and product evaluation. Prerequisite(s): ELEMECML 6201 (210:201) or consent of the head of the Department of Curriculum and Instruction. (Variable)

**ELEMECML 6205. Technology in Early Childhood Education — 3 hrs.**

Current theory and practical strategies for planning and implementing appropriate experiences for young children and families. Students will enhance current understandings regarding race, ethnicity, culture, socio-economic status, and inclusion of children with special needs. Prerequisite(s): consent of department. (Variable)
Current theory and practical strategies for planning and implementing appropriate experiences for young children and families. Students will learn current understandings re: race, ethnicity, culture, socioeconomic status, and inclusion of children with special needs. Prerequisite(s): ELEMECML 6201 (210:201). (Variable)

ELEMECML 6214 (210:214). Recent Research in Early Childhood Education — 3 hrs.
Review of implications of research to gain techniques for improving instruction and programs for young children. Prerequisite(s): ELEMECML 4151/5151 (210:151g) or equivalent. (Variable)

ELEMECML 6220 (210:220). Administration and Supervision of Programs for Young Children — 3 hrs.
Preparation to plan, organize, and operate public and private programs for young children, including working with families and with other social agencies, obtaining and administering funds, staffing, providing for health and safety, and curriculum decisions. (Variable)

Basic assumptions underlying curriculum for young children to prepare students to improve teaching practices, and provide direction to future decision making on programs and materials. (Variable)

Study of theory, research, and curriculum in constructivist education. Selected theoretical topics. Prerequisite(s): ELEMECML 4155/5155 (210:155g); ELEMECML 6221 (210:221). (Variable)

Comparative study of curricula and programs of early education including the Montessori Method, Bank Street theory and practice, and various programs based on Piagetian theory. Prerequisite(s): ELEMECML 4155/5155 (210:155g); ELEMECML 6221 (210:221). (Variable)

Data-driven applications of skills, methods and strategies for improved personal and systemic professional practices in elementary and middle level classrooms. Preventive, supportive, corrective, adaptive management techniques for meeting the needs of diverse learners. Prerequisite(s): ELEMECML 6201 (210:201) or consent of the head of the Department of Curriculum and Instruction. (Variable)

ELEMECML 6236. Assessment in Early Childhood — 3 hrs.
Uses and interpretations of formal and informal measures to assess physical, social, intellectual and emotional development in young children, including English language learners and children with special needs. Program evaluation will be addressed. Prerequisite(s): ELEMECML 6201 (210:201). (Variable)

Application of current research and national standards regarding attitudes, process skills, inquiry, and essential knowledge to the analysis and improvement of science curriculum including the learning cycle, uniting themes, creativity, and differentiated instruction. Prerequisite(s): admission to the Elementary Education Master's Program M.A.E.) or consent of instructor. (Variable)

Assists teacher in exploring historical and current practices in social studies to create new approaches by using available resources and ideas. Prerequisite(s): ELEMECML 4143/5143 (210:143g) or ELEMECML 4150/5150 (210:152g) or consent of department. (Variable)

ELEMECML 6270 (210:270). Recent Developments in Middle Level Curriculum — 3 hrs.
Recent developments regarding curricular decision making, organizational structures, and instructional strategies appropriate for middle and junior high schools based on the developmental characteristics of young adolescents. (Variable)

ELEMECML 6285 (210:285). Readings in Education — 1-3 hrs. (Fall, Spring, Summer)

ELEMECML 6289 (210:289). Seminar in Education — 3 hrs. Special topics listed in Schedule of Classes. May be repeated to a maximum of 6 hours. (Fall, Spring, Summer)

ELEMECML 6297 (210:297). Practicum — 2-3 hrs. (Fall, Spring, Summer)

ELEMECML 6299 (210:299). Research — 1-6 hrs. Prerequisite(s): consent of department. (Fall, Spring, Summer)

Assists the advanced graduate student in viewing, analyzing, and interpreting the curriculum and instruction program of an educational institution and in developing skills for implementing change. (Variable)

Exploration of systems for program evaluation and revision and the dynamics of change processes. (Variable)

Intensive study and seminar presentations of current issues, trends, procedures, and obstacles to change in curriculum and instructional practice. May be repeated to a maximum of 12 hours. Prerequisite(s): doctoral status or consent of department. (Variable)

ELEMECML 7397 (210:397). Practicum in Curriculum and Instruction — 2-4 hrs.
Supervised practice in working as a co-facilitator and/or as a facilitator in program evaluation and revision and/or instructional design and improvement in an educational setting. May be repeated for maximum of 4 hours. Prerequisite(s): ELEMECML 7352 (210:352); and consent of instructor. (Fall, Spring, Summer)