

# INSTRUCTION AND TEACHER EDUCATION

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## Courses

### EDCS 625 - Solving Practical Problems in School Curriculum (3 Credits)

An introduction to current and promising designs and approaches to curriculum development from grades K-12.

### EDCS 690 - Independent Study (1-3 Credits)

### EDCS 710 - Diversity Training for Staff Development (3 Credits)

Review of the history, concepts, current techniques, skills, and issues in diversity training as it applies to effective staff development.

### EDCS 720 - Introduction to Diversity and the Curriculum (3 Credits)

An introduction to the vast array of differences among children, youth, and adults and the impact of these differences on the curriculum, their learning, and their social and emotional development.

### EDCS 721 - Social Class Diversity and the Curriculum (3 Credits)

The interplay of social class diversity, curriculum development, and success in formal schooling. Promising programs and practices for educating children of poverty are critically examined.

### EDCS 722 - Racial and Ethnic Diversity and the Curriculum (3 Credits)

A critical examination of theories of race and ethnicity and their impact on the curriculum. The dynamics of dominance, issues of social justice, and means of social action are explored.

### EDCS 723 - Understanding Sexual Diversity in Schools and Other Social Institutions (3 Credits)

An examination of issues and concepts relating to sexual diversity as it applies to formal and nonformal educational settings with particular emphasis on curriculum, educational policy, and school practice.

### EDCS 724 - Gender Diversity in Schools and Communities (3 Credits)

A study of gender, culture, and power; research and theory from educational psychology, sociology, history, and current feminist scholarship.

### EDCS 725 - Principles of Curriculum Construction (3 Credits)

Presentation of methods and procedures to design, develop, implement, and evaluate curricula.

### EDCS 726 - Curriculum Leadership (3 Credits)

Study of theory, research, and practice of curriculum leadership as a transformative enterprise with particular focus on embracing diversity and fostering social justice in schools and other social institutions.

**Prerequisites:** EDCS 725.

### EDCS 727 - Curriculum Issues in Practice (3 Credits)

Each student identifies and studies a contemporary curriculum issue pertaining to diversity. Under faculty supervision, observations and interviews in schools and/or community agencies will take place throughout the semester.

**Prerequisites:** EDCS 725 or equivalent.

### EDCS 728 - Curriculum in Higher Education (3 Credits)

A survey of the design and development of post-secondary curriculum.

### EDCS 729 - Organizational Change in Education (3 Credits)

Investigation of the process of diffusion and adoption of innovations and change in schools and communities, with a particular emphasis on the inclusion of and impact on diverse populations.

### EDCS 799 - Thesis Preparation (1-9 Credits)

### EDCS 812 - Principles of Action Research (3 Credits)

Introductory analysis, interpretation, and systematic study, using action research methodology, of a significant question or issue related to teaching or administration in K12 schools, higher education, and/or other social institutions.

### EDCS 813 - Advanced Principles of Action Research (3 Credits)

Advanced analysis, interpretation, and systematic study, using action research methodology, of a significant question or issue related to teaching, administration in K12 schools, higher education, and/or other social institutions.

### EDCS 820 - Advanced Study of Diversity and Curriculum (3 Credits)

The formulation and use of interpretive frameworks to study and understand the relationships among human diversity, school structures, and the curriculum.

### EDCS 821 - Curriculum Theory (3 Credits)

An advanced curriculum course designed to allow students to investigate and analyze curriculum studies discourse and its application to issues of diversity.

### EDCS 822 - Curriculum Classics: Trends and Issues (3 Credits)

The systematic presentation of classic curriculum works as they relate to current theoretical issues in education.

### EDCS 823 - Curriculum Inquiry (3 Credits)

Examination of empirical, critical, and phenomenological methods and issues in conducting curriculum research.

### EDCS 824 - Curriculum Seminar (3 Credits)

Intensive study of a designated topic influencing curriculum theory and/or practice.

### EDCS 890 - Independent Study (3 Credits)

### EDCS 899 - Dissertation Preparation (1-12 Credits)

### EDEC 510 - Parent/Family Dynamics in Early Childhood Education (3 Credits)

Principles, practices, and content of family dynamics, including practicum/service learning.

**Graduation with Leadership Distinction:** GLD: Community Service

### EDEC 540 - The Young Child: Behavior and Development in Early Childhood (3 Credits)

Service-learning and seminar experiences addressing intellectual, physical, social, and emotional development, prenatal through grade three, within an ecological context. Child's critical thinking, creative expression, and diagnosis/assessment emphasized.

### EDEC 546 - Education of Young Children: An Ecological Approach (3 Credits)

An ecological study with emphasis on home-school relations, parent involvement, and community resources. Multicultural perspectives and needs of exceptional children addressed.

**Corequisite:** EDEC 469.

### EDEC 547 - Field Problems: Teaching Mathematics Using Manipulative Materials, Grades K-3 (3 Credits)

Instructional approaches and materials for teaching elementary school mathematics, grades K-3.

**EDEC 570 - Internship in Environments for Teaching and Learning (3 Credits)**

Internship for practice in classrooms appropriate to early childhood education related to curriculum design and assessment. Admission to the professional program in early childhood education.

**Graduation with Leadership Distinction:** GLD: Professional and Civic Engagement Internships

**EDEC 591 - Seminar on Teaching in Early Childhood (3 Credits)**

Exploration of the principles and theories about teaching and learning as they apply to early childhood education in the context of schools in democratic societies.

**Prerequisites:** admission to internship in early childhood education.

**Corequisite:** EDTE 590A, EDTE 590B, and EDTE 590C.

**Graduation with Leadership Distinction:** GLD: Professional and Civic Engagement Internships, GLD: Research

**EDEC 608 - Parent Involvement in Early Childhood Education (3 Credits)**

Analysis of programs and practices for involving parents in early childhood educational settings. Emphasizes objectives, methods, techniques, and materials for program development. Community resources for supporting programs for children in various instructional settings.

**EDEC 690 - Independent Study (1-3 Credits)****EDEC 712 - Practicum in Parent Involvement in Early Childhood Education (3 Credits)**

School- and home-based experience with parents. Emphasis upon home-school relationships and their effects upon the young child's development and learning. Participation with advisory groups, parent activities in the classroom, home visits, and parent-teacher communication. Weekly seminar sessions.

**Prerequisites:** EDEC 540 and EDEC 608 or EDEC 610.

**EDEC 740 - The Young Child: Applying Theory and Research (3 Credits)**

Analysis and discussion of theory and research related to the education of young children. Intellectual, social, emotional, and physical development of infants, toddlers, and young children will be examined. Special emphasis on implication for developing.

**Prerequisites:** EDEC 540 and EDPY 705.

**EDEC 742 - Advanced Study of Early Childhood Curricula and Program Models (3 Credits)**

An analysis of early childhood program models and curricula with theoretical orientation, related research, societal needs, and the student's philosophy of education.

**Prerequisites:** EDEC 540, EDEC 542, EDEC 544.

**EDEC 744 - Advanced Study of Language Development and Communication Skills in Early Childhood Education (3 Credits)**

Provides classroom teachers with an overview of the development of language and communication skills in children, birth through eight.

**Prerequisites:** EDEC 544 or equivalent.

**EDEC 745 - Emergent Literacy (3 Credits)**

Theories of emergent literacy and implications for literacy learning and instruction.

**Prerequisites:** EDEC 744.

**EDEC 750 - Play Theory and Early Learning (3 Credits)**

Theory, research, and practice related to the play of young children in various settings.

**EDEC 754 - Studies and Internships I In Teaching Social Studies -Early Childhood (3 Credits)**

Planning, designing and implementing a developmentally appropriate socio-cultural curriculum for young children, preschool through grade four.

**Prerequisites:** Admission to the MAT program.

**EDEC 755 - Studies and Internship in Teaching Science (3 Credits)**

The study and practice of science education for preschool and primary students focusing on appropriate content, goals, and methods.

**Prerequisites:** Admission to the MAT program.

**EDEC 769A - Internship II: Early Childhood Curriculum and Assessment (4 Credits)**

Internship for practice in prekindergarten through primary grade classrooms related to curriculum design and assessment, leading to initial certification.

**Prerequisites:** Admission to MAT program and successful completion of first semester internship.

**Corequisite:** EDEC 769B, EDEC 769C, and EDEC 770.

**EDEC 769B - Internship II: Early Childhood Teaching (4 Credits)**

Internship for practice in prekindergarten through primary grade classrooms related to interactive teaching, leading to initial certification.

**Prerequisites:** Admission to MAT program and successful completion of first semester internship.

**Corequisite:** EDEC 769A, EDEC 769C, and EDEC 770.

**EDEC 769C - Internship II: Early Childhood Professional Roles (4 Credits)**

Internship for practice in school settings related to professional development, leading to initial certification.

**Prerequisites:** Admission to MAT program and successful completion of first semester internship.

**Corequisite:** EDEC 769A, EDEC 769B, and EDEC 770.

**EDEC 770 - Early Childhood Internship Seminar (3 Credits)**

Seminar for students seeking initial certification. Consideration of principles and theories of teaching and learning and strategies to translate theory into personal classroom practice.

**Prerequisites:** Admission to MAT program and successful completion of first semester internship.

**Corequisite:** EDEC 769A, EDEC 769B, and EDEC 769C.

**EDEC 794 - Leadership, Advocacy and Collaboration in Early Childhood Settings (3 Credits)**

An overview of the purposes, organizational structure, sponsorship, funding sources, and advocacy for care and education programs and the characteristics, roles, and responsibilities of leaders in the field.

**EDEC 795 - Technology in Early Childhood Education (3 Credits)**

Strategies for integrating technology in early childhood education.

**Prerequisites:** EDTE 631.

**EDEC 797 - Seminar in Early Childhood Education (3 Credits)**

Synthesis of development, curriculum, cognition, and related issues in early childhood education.

**Prerequisites:** degree candidacy in early childhood education and 21 graduate hours completed.

**EDEC 810 - Special Topics in Early Childhood Education (3 Credits)**

Special and specific analyses of crucial issues in the field as they exist and emerge in the future. Provides an opportunity for students to do in-depth study of definitive areas of concern.

**EDEC 811 - Current Trends and Issues in Early Childhood Education (3 Credits)**

Analysis of innovations in the field within a historical perspective.

**EDEC 812 - Advanced Internship in Early Childhood Education (3-6 Credits)**

Supervised internship and related seminar participation in an approved setting.

**Prerequisites:** Admission to doctoral program.

**EDEC 813 - Program Development and Implementation in Early Childhood Education (3 Credits)**

Analysis of and participation in the development of program content, policy, and advocacy.

**Prerequisites:** EDEC 740, EDEC 742, EDEC 744, and admission to doctoral candidacy.

**EDEC 814 - Analysis of Current Research in Early Childhood Education (3 Credits)**

A critical evaluation of reported research in early childhood with special emphasis on recent and ongoing research programs.

**Prerequisites:** EDEC 740, EDEC 742, EDEC 744, and admission to doctoral candidacy.

**EDEC 815 - Advanced Study of Early Childhood Curricula (3 Credits)**

An analysis of early childhood curriculum alternatives that focus on theoretical orientation, related research, societal needs, and the student's philosophy of education.

**Prerequisites:** EDEC 740, EDEC 742, EDEC 744, and admission to doctoral candidacy.

**EDEC 890 - Independent Study (3 Credits)****EDEL 505P - Inquiry Practicum: The Elementary School (1 Credit)**

Identifying and understanding the various components of the elementary environment through the practice of inquiry through field-based experiences.

**Corequisite:** EDEL 305.

**EDEL 506 - Integrated Curriculum in Elementary Schools (3 Credits)**

Examining and practicing a variety of approaches that connect the content of different elementary school subjects.

**EDEL 506P - Inquiry Practicum: Roles of Elementary Teachers (1 Credit)**

Identifying and understanding the roles of elementary teachers through the practice of inquiry through field-based experiences.

**Corequisite:** EDEL 506.

**EDEL 510 - Teaching Second Languages to Young Children (3 Credits)**

To assist prospective teachers of young children in the development of a second language and multicultural learning activities. Practicum sessions are an integral part.

**Prerequisites:** 210 level of a foreign language or its equivalent.

**Cross-listed course:** FORL 510

**Graduation with Leadership Distinction:** GLD: Professional and Civic Engagement Internships

**EDEL 515 - Science in the Elementary School (3 Credits)**

Reinforces the science background of prospective and practicing elementary teachers. Innovations are examined. Emphasis is placed on methods, materials, community resources, and evaluation procedures.

**EDEL 544 - Modern Approaches to Mathematics Teaching (3 Credits)**

Curriculum and pedagogy for mathematics topics taught in grades 3 through 8.

**EDEL 548 - Field Problems: Teaching Mathematics Using Manipulative Materials, Grades 4-6 (3 Credits)**

Instructional approaches and materials for teaching elementary school mathematics, grades 4-6. This course cannot be applied to a graduate degree in the elementary education program.

**EDEL 560 - Social Studies in the Elementary/ Middle School (3 Credits)**

Fundamentals of social studies education in the elementary/middle school.

**EDEL 570 - Internship in Environments for Teaching and Learning (3 Credits)**

Internship for practice in classrooms appropriate to elementary education related to curriculum design and assessment.

**Prerequisites:** Admission to the internship in elementary education.

**EDEL 571 - Internship in Planning and Motivation (3 Credits)**

Field experience that emphasizes planning lessons that actively engage students in learning.

**Prerequisites:** Admission to the internship in elementary education.

**Graduation with Leadership Distinction:** GLD: Professional and Civic Engagement Internships

**EDEL 642 - Teaching Mathematics to Young Children (3 Credits)**

Analysis of a developmental approach to teaching children under the age of 9.

**EDEL 645 - Diagnostic Teaching of Arithmetic (3 Credits)**

Analysis of the concepts and skills of arithmetic in the school mathematics curriculum; exploration of diagnostic-prescriptive teaching methods.

**EDEL 670 - Language Arts in the Elementary and Middle School (3 Credits)**

Examine the content, goals, and methods of teaching language arts in elementary and middle school.

**EDEL 690 - Independent Study (1-3 Credits)****EDEL 701 - Culturally Sustaining Pedagogy for the Elementary Classrooms (3 Credits)**

Theoretical and pedagogical approaches to Culturally Sustaining Pedagogy (CSP)—curriculum design tools and instructional strategies that reflect the diversity of students' cultural and linguistic backgrounds in elementary classrooms. Masters of Arts in Teaching for Elementary Education Majors.

**EDEL 709 - Curriculum and Instruction Practices Designed to Teach Content & Literacy Across the Curriculum (3 Credits)**

An investigation of the beliefs and practices of high quality instructional methods and materials designed to teach elementary readers, writers, mathematicians, scientists and social scientists. Individual content area instruction will be addressed as well as strategies for genuine integration across the curriculum. Special attention will be devoted to teaching diverse populations including English Language Users, in culturally responsive ways.

**EDEL 715 - The Elementary School Curriculum (3 Credits)**

Critical study of the modern elementary school curriculum.

**EDEL 716 - The Elementary School Organization (3 Credits)**

A course designed to examine the internal facets of the elementary school, including the library; health, guidance, and other pupil personnel services; curriculum revision; elementary school procedures; and pupil accounting.

**Prerequisites:** EDEL 715.

**EDEL 717 - Curriculum Problems in the Elementary School (3 Credits)**

A careful examination of the persistent problems of elementary schools (grouping, promotions, etc.) and the best solutions in terms of research findings and expert opinion.

**Prerequisites:** EDEL 715.

**EDEL 720 - Middle School Organization and Curriculum (3 Credits)**

An overview of the development of the middle school, history, purposes, and organization and an in-depth analysis of middle school organization and curriculum. The characteristics of middle school students, methods of evaluating students, and the overall curricular program are also considered.

**EDEL 743 - Studies and Internship in Teaching Social Studies-Elementary (3 Credits)**

The study and practice of social studies education for elementary students focusing on appropriate content, goals and methods.

**Prerequisites:** Admission to the MAT program.

**EDEL 744 - Studies and Internship in Teaching Science - Elementary (3 Credits)**

The study and practice of science education for elementary students focusing on appropriate content, goals and methods.

**Prerequisites:** Admission to the MAT program.

**EDEL 745 - Teaching Elementary Problem Solving, Geometry and Measurement Topics (3 Credits)**

Analysis of the school curriculum and instructional methods in the designated areas of mathematics; exploration of appropriate outcomes on instruction.

**Prerequisites:** MATH 221 or its equivalent.

**EDEL 760 - Implementing Social Studies in the Elementary/Middle School (3 Credits)**

The selection of teaching procedures and instructional materials used to teach social studies in the elementary/middle school.

**EDEL 771 - Teaching Writing in Elementary and Middle School (3 Credits)**

Writing instruction in relation to the developmental characteristics of children through preadolescence.

**EDEL 780 - Seminar in Elementary Education (3 Credits)**

Students will synthesize their graduate studies for a master's degree in elementary education. 24 semester hours of credit earned as specified on the master's degree program of study.

**EDEL 790 - MAT Internship in Elementary Education (9 Credits)**

Internship for practice in elementary classrooms (grades 2-6) related to curriculum design, assessment, interactive teaching, and professional roles. MAT in Elementary Education majors.

**Prerequisites:** Admission to Internship II in Elementary Education.

**Corequisite:** EDEL 791.

**EDEL 790A - Internship II: Elementary School Instruction (4 Credits)**

Internship for practice in classroom settings related to curriculum design and implementation, leading to initial certification.

**Prerequisites:** Admission to MAT program and successful completion of first semester internship.

**Corequisite:** EDEL 790B, EDEL 790C, EDEL 791.

**EDEL 790B - Internship II: Elementary School Instruction (4 Credits)**

Internship for practice in classroom settings related to instruction, leading to initial certification.

**Prerequisites:** Admission to MAT program and successful completion of first semester internship.

**Corequisite:** EDEL 790A, EDEL 790C, EDEL 791.

**EDEL 790C - Internship II: Elementary School Professional Roles (4 Credits)**

Internship for practice in classroom settings related to professional development, leading to initial certification.

**Prerequisites:** Admission to MAT program and successful completion of first semester internship.

**Corequisite:** EDEL 790A, EDEL 790B, EDEL 791.

**EDEL 791 - Elementary Internship Seminar (3 Credits)**

Seminar for students seeking initial certification. Consideration of principles and theories of curriculum development and strategies to translate curriculum into personal classroom practice.

**Prerequisites:** Admission to MAT program and successful completion of first semester internship.

**Corequisite:** EDEL 790A, EDEL 790B, EDEL 790C.

**EDEL 815 - Models of Instruction (3 Credits)**

Seminar on the relationship between different models of teaching and the cognitive, affective, social, and psychological outcomes of instruction.

**Prerequisites:** master's degree in education.

**EDEL 840 - Advanced Study of Teaching Elementary School Mathematics (3 Credits)**

Identification of instructional methods implied by recent research on mathematics teaching, learning, and curriculum.

**Prerequisites:** EDEL 645 or EDEL 745.

**EDEL 858 - Advanced Study of Science in Elementary/Middle School (3 Credits)**

Study of curriculum models and instructional theory underlying elementary and/or middle school science programs.

**Prerequisites:** EDEL 515 or equivalent.

**EDEL 860 - Advanced Study of Social Studies in Elementary/Middle School (3 Credits)**

Analysis and application of the concepts and skills that broaden the traditional scope of elementary/middle school social studies curriculum.

**Prerequisites:** EDEL 560 or EDEL 760.

**EDEL 870 - Advanced Study of Language Arts for the Elementary School (3 Credits)**

Examination of programs, content, and methods of teaching writing, speaking, reading and listening to grades 1-8 in the light of current research and theory in language learning.

**Prerequisites:** EDEL 670 or equivalent.

**EDEL 890 - Independent Study (3 Credits)**

**EDML 553 - Methods and Materials for Teaching Science in the Middle Grades (3 Credits)**

A study of methods, techniques, and materials of instruction appropriate to science teaching in the middle school.

**EDML 563 - Methods and Materials for Teaching Social Studies in the Middle School (3 Credits)**

A study of goals, content, methods, and materials of instruction in middle school social studies.

**EDML 572 - Middle Level Literacy Assessment (3 Credits)**

Introduces literacy assessment for individual and small groups or middle level students.

**EDML 573 - Methods and Materials for Teaching English/Language Arts in the Middle Grades (3 Credits)**

Introduces goals, content, and methods of teaching language arts at the middle level.

**EDML 583 - Methods and Materials for Teaching Mathematics in the Middle Grades (3 Credits)**

A study of methods, techniques, and materials of instruction appropriate to mathematics teaching in the middle school.

**EDML 584 - Middle School Internship Seminar (3 Credits)**

Inquiry into the issues that arise during internship B experiences including classroom management, adolescent development, legal/professional responsibilities, multicultural perspectives, and needs of exceptional children.

**Corequisite:** EDML 599.

**Graduation with Leadership Distinction:** GLD: Professional and Civic Engagement Internships

**EDML 598 - Internship A in the Middle School (3 Credits)**

Application of effective teaching techniques and organization of instructional settings for middle school students.

**Prerequisites:** admission to internship in middle level program.

**Graduation with Leadership Distinction:** GLD: Professional and Civic Engagement Internships

**EDML 599 - Internship B in the Middle School (12 Credits)**

Application of effective teaching techniques and organization of instructional settings for middle school students.

**Prerequisites:** B or better in EDML 598.

**Corequisite:** EDSE 584.

**Graduation with Leadership Distinction:** GLD: Professional and Civic Engagement Internships

**Experiential Learning:** Experiential Learning Opportunity

**EDRD 500 - Content Area Literacy PK-12 (3 Credits)**

A survey of research and practice which facilitates students' literacy skills in the content areas. For K-12 content area teachers of art, dance, physical education, foreign language, music and theatre.

**EDRD 511 - Teaching Reading to Adults I (3 Credits)**

Diagnostic and prescriptive modes of teaching reading to adults, based on the physical, psychological, intellectual, and social characteristics of the adult learner.

**EDRD 512 - Teaching Reading to Adults II (3 Credits)**

Preparation of materials for teaching basic reading skills to adults and practicum experiences in teaching adults to read.

**Prerequisites:** EDCO 511 or EDRD 511.

**EDRD 514 - Teaching of Reading in the Elementary School (3 Credits)**

Study of the various phases of reading in their relation to a modern program of education and the place of reading in the curriculum. Emphasis on modern practices in the classroom teaching of reading.

**EDRD 518 - Reading in the Secondary School (3 Credits)**

The place of reading instruction in high schools, the programming of special services in reading instruction, methods of teaching basic and developmental reading skills, and case studies of programs. Demonstrations of tests and devices.

**EDRD 600 - Foundations of Reading Instruction (3 Credits)**

An overview of reading and its curriculum implications: grades K-12 and adults. Emphasis is placed on current trends and issues and related methodologies.

**EDRD 650 - Teaching Reading Through A Literature Emphasis (3 Credits)**

Integrating appropriate literature into traditional and alternative reading programs. Identifying appropriate literature for classroom use and recreational reading. Use of literature as a means of developing and reinforcing reading skills.

**EDRD 651 - Introduction to Teaching Media Literacy (3 Credits)**

A survey of analysis of electronic and non-print media themes and messages aimed at youth, with special emphasis on design and implementation of curricula for enhancing children's media literacy.

**EDRD 690 - Independent Study (1-3 Credits)****EDRD 700 - Multimodal Multi-genre Writing (3 Credits)**

An active and reflective experience of process writing within multiple genres and multimodal literacies with classroom applications.

**EDRD 711 - Psychological Foundations of Reading (3 Credits)**

Designed to familiarize students with research findings and theories in psychology as they relate specifically to the process of learning to read. Topics will range from perception, learning theory, and personality theory to the implications of cultural differences and language factors as they affect both the child's learning to read and the teacher's effective facilitation of this learning.

**Prerequisites:** EDRD 514, EDRD 716, EDRD 717.

**EDRD 714 - Critical Foundations of Literacy (3 Credits)**

An overview of major theoretical, conceptual, and historical foundations in literacy and their curricular implications. Emphasis is placed on actively analyzing current trends and related methodologies.

**EDRD 715 - Instructional Strategies for Reading (3 Credits)**

Demonstration and critical evaluation of teaching strategies and materials in reading.

**EDRD 716 - Foundations of Reading Assessment (3 Credits)**

Seminar and supervised one-on-one field experience focusing on assessing and meeting the needs of individual children as readers with emphasis on at-risk children.

**EDRD 718 - Seminar in Classroom Reading Assessment (3 Credits)**

Seminar and supervised field experience focusing on assessing and meeting the needs of small groups of children as readers.

**Prerequisites:** EDRD 600, EDRD 715, and EDRD 716.

**EDRD 719 - Developing and Guiding the Reading Program (3 Credits)**

Design, management, and evaluation of reading programs at the classroom, school, or district levels.

**Prerequisites:** EDRD 600 and EDRD 715.

**EDRD 720 - Capstone Seminar in Language and Literacy (3 Credits)**

Synthesis, critique, and evaluation of current research and educational practice in language and literacy.

**Prerequisites:** EDRD 600, EDRD 715, EDRD 716, EDRD 718, and EDRD 719.

**EDRD 730 - Teaching Reading and Writing in the Content Areas (3 Credits)**

A survey of the strategies and materials which facilitate students' reading and writing skill in the content areas. For P-12 reading education and content area teachers.

**EDRD 731 - Assessment and the Foundations of Reading/Writing (3 Credits)**

Overview of assessment theory and practice; the reading/writing processes and the curricular implications across content areas.

**EDRD 732 - Teaching Reading and Writing in the Content Areas (3 Credits)**

Survey of the strategies and materials which facilitate students' reading and writing skill in the content areas.

**EDRD 750 - Literacy Curriculum Development (3 Credits)**

Classroom, school, and district literacy curriculum will be explored through multicultural and global literature.

**EDRD 760 - Literacy Research and Inquiry (3 Credits)**

An overview of inquiry-based teaching and learning within literacy instruction. Affiliated field experience will occur with a focus on assessing and meeting the needs of small groups of students.

**EDRD 776 - Coaching within Classrooms: Improving Teaching and Literacy Instruction (3 Credits)**

Coaching principles and strategies related to improvements and innovations in classrooms and in literacy instruction. Emphasizes working with teachers in classrooms to bring about educational reform and improvements in teaching and literacy instruction.

**EDRD 783 - Literacy Leadership and Supervision (3 Credits)**

Developing as a literacy leader within school and district contexts through: engagement in effective collaboration; design, management, and evaluation of professional learning; design, management, and evaluation of family and community outreach.

**EDRD 794 - Linguistics for Classroom Teachers PreK-12 (3 Credits)**

An introduction to the concepts of linguistics specifically for preK-12 educators. Topics include syntax, morphology, semantics, pragmatics, and first and second language acquisition theories.

**EDRD 795 - ESOL Principles and Strategies for PreK-12 Classrooms (3 Credits)**

A survey course focused on English for Speakers of Other Languages (ESOL), including a focus on different theoretical principles and approaches within various learning context as they concern preK-12 learners.

**EDRD 796 - Teaching Reading and Writing to ESOL Learners: Theory and Practice (3 Credits)**

This course surveys research on the mental processes and linguistic contexts involved in reading and writing in a second language. Pedagogical implications for elementary, secondary, and postsecondary learners are discussed.

**Cross-listed course:** LING 796

**EDRD 797 - Assessment for English Language Learners (3 Credits)**

Seminar and supervised one-on-one field experience focusing on accessing and meeting the needs of English learners including approaches to classroom-based assessments in ESL, bilingual education, and preschool-grade 12 classrooms.

**EDRD 798 - Curriculum Design and Materials Development for English Language Learners (3 Credits)**

This course will engage students in the examination and creation of research and theory that support curriculum design and materials development for the ESOL classroom.

**EDRD 800 - Literacy Education P-12 (3 Credits)**

Impact of theories of teaching, learning, and texts on literacy instruction; social, historical, political, and cultural influences on literacy.

**EDRD 801 - Critical Perspective on English/Language Arts (3 Credits)**

Issues of literacy from a variety of critical stances such as democratic values, gender roles, and multiculturalism.

**EDRD 802 - Internship in the Supervision of Reading (3 Credits)**

Internship in diagnosis and instruction of disabled, corrective, and developing readers to include supervision of graduate students enrolled in practica in reading, parent training, and program administration. Limited to advanced graduate students. May be repeated one additional time in a different supervisory setting for a maximum of six hours.

**EDRD 803 - Pedagogical Applications of Reader Response Theory (3 Credits)**

Research and theory, emphasizing the role of the reader's response in the reading process.

**EDRD 805 - Teaching and Adminstrating the College Reading Program (3 Credits)**

Emphasis on the acquiring of background and skills necessary for instruction in and administration of college-level reading programs located in post-high school institutions (technical schools, two-year colleges, four-year colleges, and universities).

**Prerequisites:** EDRD 514, EDRD 518.

**EDRD 806 - Practicum in Teaching and Administering the College Reading Program (3 Credits)**

Refining of counseling, evaluation, research, instructional, and administrative skills needed by college reading personnel. Practical application of the background and skills taught in EDRD 805.

**Prerequisites:** EDRD 514, EDRD 805.

**EDRD 811 - Cultural Perspective on Psychological and Social Foundations of Literacy Learning (3 Credits)**

Perspectives from psychology and sociocultural theory as they relate to literacy learning and research in literacy learning.

**EDRD 815 - Critique of Qualitative Research in Language and Literacy Education (3 Credits)**

A review and critique of qualitative perspectives on language and literacy research.

**EDRD 824 - Seminar in Language and Literacy Education (3 Credits)**

Intensive study of a designated topic influencing theory and/or practice in language and literacy education.

**Prerequisites:** Admission to a doctoral program in education or related field.

**EDRD 840 - Semiotics, Reading, Literacy and Learning (3 Credits)**

Peircean semiotics and the implications of such for language and literacy education.

**EDRD 842 - Windows into the Reading Process (3 Credits)**

An exploration of the reading process and how readers construct meaning by relating their sociopsycholinguistic backgrounds to discourse, including analysis of reading miscues at several linguistic levels, an examination of assessment and instructional tools, and developing a comprehension centered reading program.

**EDRD 844 - Advanced Study of Language Acquisitions (3 Credits)**

Theoretical frameworks and the relationship between current and classic studies in language acquisition.

**Prerequisites:** EDEC 744.

**EDRD 845 - Advanced Study of Emergent Literacy (3 Credits)**

Conceptual frameworks, findings, and connections among current and classic studies in emergent literacy; implications for further research.

**Prerequisites:** EDRD 844.

**EDRD 848 - Feminist Investigation in Literacy Education (3 Credits)**

Current theories of gender identity in relationship to literacy education.

**EDRD 850 - Internship in Language and Literacy Education (3-6 Credits)**

Placement in an agency or higher education setting to gain supervised experience in literacy program planning and/or research. May be repeated once for a total of 6 hours.

**Prerequisites:** 6 hours of required language and literacy courses in the language and literacy PhD program.

**EDRD 890 - Independent Study (3 Credits)****EDSE 500 - Equity and Community Engagement (3 Credits)**

Field-based inquiry into theories of critical multicultural education, culturally relevant and equity pedagogies with an emphasis on middle/high school students and engaging parents and the larger school community.

**EDSE 502 - Teachers and Teaching (3 Credits)**

Teaching as reflective and ethical practice. Professional standards, teacher leadership and school change, and various roles of professional educators.

**EDSE 505 - Source Materials for Geographic Instruction (3 Credits)**

Introduction to selected materials available for all levels of instruction in geography. Emphasis on the substantive nature of the materials.

**Cross-listed course:** GEOG 560

**EDSE 508 - Teaching Middle and High School (Business Education) (3 Credits)**

A study of methods, techniques, and materials of instruction in middle and high school business education. 03: 07/05/2019.

**EDSE 528 - Study of the Teaching of Business Education in the Secondary School (3 Credits)**

Teaching techniques and methodology related to the business education curriculum, emerging technology and software. 03: 07/05/2019.

**EDSE 547 - Teaching Middle and High School (English) (3 Credits)**

A study of methods, techniques, and materials of instruction in middle and high school English.

**Prerequisites:** Admission to MAT program for graduate students; EDSE 402 for undergraduate students.

**EDSE 548 - Earth Science for Teachers I (3 Credits)**

Origin, internal structure and internal processes of the earth, including plate tectonics, earthquakes, volcanoes, and mountain building. Required field trips, two lectures, and three lab hours per week. Cannot be used in MS or PhD programs in geology.

**Cross-listed course:** GEOL 540

**EDSE 549 - Earth Science for Teachers II (3 Credits)**

Surface processes acting on the earth; introduction to weather and climate, weathering, erosion, and sedimentary processes; land form evolution; ocean currents and tides, near-shore geologic processes. Required field trips, two lecture, and three lab hours per week. Cannot be used in MS or PhD programs in geology.

**Prerequisites:** EDSE 548/GEOL 540.

**Cross-listed course:** GEOL 541

**EDSE 550 - Teaching Middle and High School (Mathematics) (3 Credits)**

A study of methods, techniques, and materials of instruction in middle and high school mathematics.

**EDSE 551 - Teaching Middle and High School (Health) (3 Credits)**

A study of methods, techniques, and materials of instruction in middle and high school health.

**EDSE 552 - Teaching Middle and High School (Marketing Education) (3 Credits)**

A study of methods, techniques, and materials of instruction in middle and high school marketing education.

**EDSE 553 - Teaching Middle and High School (Science) (3 Credits)**

A study of methods, techniques, and materials of instruction in middle and high school science.

**EDSE 554 - Teaching Middle and High School (Theatre and Speech) (3 Credits)**

A study of methods, techniques, and materials of instruction in middle and high school theatre and speech.

**EDSE 558 - Teaching Middle and High School (History and Social Studies) (3 Credits)**

A study of methods, techniques, and materials of instruction in middle and high school history and social studies.

**EDSE 575 - Teaching Foreign Languages in Secondary Schools (3 Credits)**

Current methods, techniques, and materials of instruction appropriate for secondary schools.

**Prerequisites:** 210 level of a foreign language or its equivalent.

**Cross-listed course:** FORL 511

**EDSE 580 - Teaching Advanced Latin in Secondary School (3 Credits)**

Methods and materials for teaching the Latin Advanced Placement courses in secondary school.

**Corequisite:** LATN 580.

**EDSE 584 - Middle and High School Internship Seminar (3 Credits)**

Classroom management, service learning, legal/professional responsibilities, multicultural perspectives and needs of exceptional children.

**Corequisite:** Internship II.

**EDSE 585 - Secondary Internship Seminar I (1 Credit)**

Integration of content, pedagogy, and disposition knowledge learned during coursework with Internship I field experiences.

**Corequisite:** Students must be enrolled in the Internship I field experiences.

**EDSE 586 - Secondary Internship Seminar II (2 Credits)**

Integration of content, pedagogy, and disposition knowledge learned during coursework with Internship II field experiences.

**Corequisite:** Students must be enrolled in the Internship II field experiences.

**EDSE 660 - Teaching Mathematics with Manipulatives, Grades 7-12 (3 Credits)**

Methods and materials for using manipulative devices to teach middle and high school level mathematics.

**EDSE 670 - Graphics Calculators in High School Mathematics (3 Credits)**

Methods and materials for using graphics calculators to teach algebra, elementary functions, and analytic geometry.

**EDSE 690 - Independent Study (1-3 Credits)****EDSE 702 - Teaching Information Management Technology (3 Credits)**

Development of curriculum and educational materials for middle and high school information technology courses; selection of equipment; techniques of teaching information management technology; practical experience with software and hardware.

**EDSE 703 - Perspectives in Teaching Secretarial Skills (3 Credits)**

Strengthening the technical competence of the business teacher. Philosophy and psychology of skill development in secretarial subjects. 03: 07/05/2019.

**EDSE 704 - Perspectives in Teaching Bookkeeping/Accounting and Basic Business (3 Credits)**

Strengthening the technical competence of business teachers in bookkeeping/accounting and basic business, and improving instruction in these areas. 03: 07/05/2019.

**EDSE 727 - Advanced Principles and Practices of Teaching in High School (3 Credits)**

Study of the problems involved in all teaching in the secondary school.

**EDSE 728 - Advanced Study of the Teaching of English in Secondary Schools (3 Credits)**

A study of historical developments and recent innovations in curricula, resources, and techniques in the field of teaching English in secondary schools. Students will be expected to investigate research as it relates to the improvement of instruction.

**EDSE 729 - Advanced Study of the Teaching of History and Social Studies in Secondary Schools (3 Credits)**

A study of historical developments and recent innovations in curricula, resources, and techniques in the field of teaching history and social studies in secondary schools. Students will be expected to investigate research as it relates to the improvement of instruction.

**EDSE 732 - Advanced Study of the Teaching of Science in Secondary Schools (3 Credits)**

A study of historical developments and recent innovations in curricula, resources, and techniques in the field of teaching science in secondary schools. Students will be expected to investigate research as it relates to the improvement of instruction.

**EDSE 733 - Selected Topics in Social Studies Education (3 Credits)**

Topics will be selected from various social studies education fields, including trends, methods, and materials of social studies education. May be repeated; credit up to six hours may be applied toward a degree.

**Prerequisites:** EDSE 729 or its equivalent.

**EDSE 764 - Advanced Study of the Teaching of Mathematics in Secondary Schools (3 Credits)**

A study of historical developments and recent innovations in curricula, resources, and techniques in the field of teaching mathematics in secondary schools. Students will be expected to investigate research as it relates to the improvement of instruction.

**EDSE 766 - Historical Topics in the Teaching of Mathematics (3 Credits)**

Use of the history of mathematics in middle and secondary school teaching.

**Prerequisites:** EDSE 764.

**EDSE 770 - Technology in Mathematics Education (3 Credits)**

Topics in the use of electronic technology in the teaching of mathematics at the middle and secondary school levels.

**EDSE 773 - Advanced Study of the Teaching of Computer Studies (3 Credits)**

Recommendations for materials, content, and methods for teaching computer-related subject matter at the middle and high school level. Experience in writing computer programs for educational purposes in the Logo, BASIC, and Paschal languages will be given.

**Prerequisites:** EDTE 731.

**EDSE 775A - Teaching Internship in Middle or High School (History and Social Studies) (3 Credits)**

Application of effective teaching techniques and organization of instructional settings for middle or high school students.

**Prerequisites:** acceptance to the Professional Program in Education.

**Corequisite:** EDSE 558.

**EDSE 775B - Teaching Internship in High School History and Social Studies (9 Credits)**

Application of effective teaching techniques and organization of instructional settings for high school students.

**Prerequisites:** EDSE 775A.

**Corequisite:** EDSE 584 or EDSE 784.

**EDSE 776A - Teaching Internship in Middle or High School (English) (3 Credits)**

Application of effective teaching techniques and organization of instructional settings for middle or high school students.

**Prerequisites:** acceptance to the Professional Program in Education.

**EDSE 776B - Teaching Internship in High School English (9 Credits)**

Application of effective teaching techniques and organization of instructional settings for high school students.

**Prerequisites:** EDSE 776A.

**Corequisite:** EDSE 584 or EDSE 784.

**EDSE 777A - Teaching Internship in Middle or High School (Business Education) (3 Credits)**

Application of effective teaching techniques and organization of instructional settings for middle or high school students. 03: 07/05/2019.

**Prerequisites:** acceptance to the Professional Program in Education.

**EDSE 777B - Teaching Internship in Middle or High School (Business Education) (9 Credits)**

Application of effective teaching techniques and organization of instructional settings for middle or high school students. 03: 07/05/2019.

**Prerequisites:** EDSE 777A.

**Corequisite:** EDSE 784.

**EDSE 778A - Teaching Internship in Middle or High School (Mathematics) (3 Credits)**

Application of effective teaching techniques and organization of instructional settings for middle or high school students.

**Prerequisites:** acceptance to the Professional Program in Education.

**EDSE 778B - Teaching Internship in High School Mathematics (9 Credits)**

Application of effective teaching techniques and organization of instructional settings for high school students.

**Prerequisites:** EDSE 778A.

**Corequisite:** EDSE 584 or EDSE 784.

**EDSE 781A - Teaching Internship in Middle or High School (Science) (3 Credits)**

Application of effective teaching techniques and organization of instructional settings for middle or high school students.

**Prerequisites:** acceptance to the Professional Program in Education.

**EDSE 781B - Teaching Internship in High School Science (9 Credits)**

Application of effective teaching techniques and organization of instructional settings for high school students.

**Prerequisites:** EDSE 781A.

**Corequisite:** EDSE 584 or EDSE 784.

**EDSE 783 - Advanced Study of the Teaching of Mathematics in the Middle or Junior High School (3 Credits)**

Historical developments and recent innovations in curricula, resources, and techniques in the teaching of mathematics in the middle or junior high school. Investigative research into the improvement in instruction.

**EDSE 785 - Seminars on Selected Topics in Foreign Language Education (3 Credits)**

Topics will be identified by title in the schedule of classes. Each topic may be taken only once. 03: 07/05/2019.

**EDSE 786 - The Teaching of Literature in the Secondary School (3 Credits)**

Subject content of new literature programs; resources and innovative approaches; problems in organizing literature. Emphasis on specific teaching methodology and the development of materials.

**EDSE 787 - The Teaching of Composition in the Secondary School (3 Credits)**

New curricula in the teaching of oral and written composition; issues and problems in the composition phase of English programs; innovative teaching techniques and methodology. Development of materials appropriate to the teaching of oral and written composition.

**EDSE 788 - The Teaching of the English Language in the Secondary School (3 Credits)**

Recent innovations in curricula, resources, and teaching techniques for such topics as dialectology, usage, regional varieties of language, lexicography, language history and development, structural grammar, and transformational grammar.

**EDSE 789 - The English Teacher and Special Problems in Reading (3 Credits)**

Selected problems and solutions in reading at the secondary level. Ways to improve reading skills; research contributions to the improvements of instruction in reading.

**Prerequisites:** EDRD 514 or EDRD 518.

**EDSE 828 - Research in English Education (3 Credits)**

Research methodology and design in the field of English education. Interpretation of data and implications for further research. A preliminary dissertation proposal may be developed.

**EDSE 850 - Advanced Readings in Secondary Education (3 Credits)**

Analyses of select studies in the pertinent field(s) of specialization in secondary education. Consideration is given to implications for needed research in these fields.

**EDSE 851 - Advanced Reading in Mathematics Education (3 Credits)**

Selected topics in mathematics education, including teacher training, evaluation of programs and instruction, in-service programs, and the history of mathematics education. Current research in these areas with implications for needed research.

**EDSE 890 - Independent Study (3 Credits)****EDTE 590A - Internship in Curriculum and Assessment (3 Credits)**

Internship for practice in classrooms appropriate to the level of certification sought (early childhood or elementary) related to curriculum design and assessment.

**Prerequisites:** admission to internship II in early childhood or elementary education.

**Corequisite:** EDTE 590B and EDTE 590C.

**Graduation with Leadership Distinction:** GLD: Professional and Civic Engagement Internships

**EDTE 590B - Internship in Teaching (3 Credits)**

Internship for practice in classrooms appropriate to the level of certification sought (early childhood or elementary) related to interactive teaching.

**Prerequisites:** admission to internship II in early childhood or elementary education.

**Corequisite:** EDTE 590A and EDTE 590C.

**Graduation with Leadership Distinction:** GLD: Professional and Civic Engagement Internships

**EDTE 590C - Internship in Professional Roles (3 Credits)**

Internship for practice in classrooms appropriate to the level of certification sought (early childhood or elementary) related to professional roles.

**Prerequisites:** admission to internship II in early childhood or elementary education.

**Corequisite:** EDTE 590A and EDTE 590B.

**Graduation with Leadership Distinction:** GLD: Professional and Civic Engagement Internships

**EDTE 600 - Systematic Effective Teaching (3 Credits)**

Application of research-supported effective teaching techniques to the teaching-learning process, including demonstration lessons, observations, and supervisory conferences.

**EDTE 605 - Cooperative/Team Learning in Education (3 Credits)**

Instructional approaches, materials, and procedures for utilizing cooperative/team learning in education.

**EDTE 610 - Integrated Reading and Writing Instruction (3 Credits)**

Theoretical bases and techniques for teaching reading and writing in the elementary school, using multiple subject areas.

**EDTE 611 - Whole Language: Concepts and Practices (3 Credits)**

Development of concepts, materials, and practices to implement a whole language philosophy.

**EDTE 620 - Restructuring Schools: Teachers and Classrooms (3 Credits)**

Examination of issues related to restructuring schools based on different assumptions about teaching, learning, and assessment.

**EDTE 621 - Middle Level School Today (3 Credits)**

National trends in the middle level school; emphasis on the relationship of early adolescent developmental characteristics to organization, curriculum, instruction, and teaching.

**EDTE 625 - Integrating Character Education into Instructional Programs (3 Credits)**

Rationale, processes, and methodologies for integrating character education into school or school district instructional programs.

**EDTE 626 - Service Learning for Schools, Community, and Workplace Responsibility (3 Credits)**

Assist school personnel in designing academic, personal, civic, and workplace responsibility.

**EDTE 631 - Technology to Support Instruction (3 Credits)**

Introduction to computers, educational technology, and selected applications for instructional management.

**EDTE 671 - Computers in Science Education (3 Credits)**

Use of computer technology in teaching and managing science classes and problems in grades K-12.

**EDTE 701 - Selected Topics in Teaching Science (3 Credits)**

Primarily for elementary, middle, and secondary school teachers. Teachers at other levels may be accepted.

**EDTE 710 - Developing as a Professional Educator (3 Credits)**

Concepts and strategies to assist teachers in developing as effective and successful educators in PreK through 12 schools.

**EDTE 711 - Ideas and Issues in Teaching (3 Credits)**

Examination of theoretical and philosophical concepts fundamental to understanding learning and teaching.

**EDTE 712 - Action Research in Teaching (3 Credits)**

Introduction to action research through the investigation of a significant question or issue related to teaching in PreK through 12 schools.

**Prerequisites:** EDTE 710, EDTE 711, and EDRM 700 or an approved education research course.

**EDTE 713 - Action Research Capstone Seminar (3 Credits)**

Culminating experience that includes completion of an action research project and a thorough review of professional growth.

**Prerequisites:** EDTE 712.

**EDTE 731 - Integration of Technology and Instruction (3 Credits)**

Survey of the instructional uses of computers and other technologies.

**EDTE 733 - Reading and Language Arts in Early Childhood and Elementary Education (6 Credits)**

Examination and implementation of the content, goals, and methods of teaching reading and the language arts. Emphasis on the teaching of reading, oral and written expression, and listening. K-6.

**Prerequisites:** Admission to the MAT program.

**EDTE 740 - Introduction to Project-Based Learning (3 Credits)**

Introduction to Project-based Learning theory and basics of designing, delivering and assessing it. Designed for classroom teachers who have earned an initial teaching credential or its equivalent and who wish to continue their professional development through graduate education.

**EDTE 741 - Applications of Project-Based Learning (3 Credits)**

Acquisition of experiences required to plan, create, facilitate, and integrate appropriate instructional methodologies and technology within a Project-based Learning unit of study.

**Prerequisites:** EDTE 740.

**EDTE 742 - Practicum in Project-based Learning (3 Credits)**

A field-based practicum designed to provide experience and opportunities to demonstrate knowledge, skills, and dispositions for implementing PBL into a regular classroom setting.

**Prerequisites:** EDTE 740 and EDTE 741.

**EDTE 750 - Evaluating Teacher Effectiveness (3 Credits)**

Techniques currently being used to quantitatively analyze the behavior of a teacher and his/her students while in a classroom situation.

**EDTE 755 - Teaching Environmental Education (3-6 Credits)**

Rationale and strategies for teaching environmental education.

**EDTE 759 - Teaching Reasoning and Inquiry Skills (3 Credits)**

Definition of and methods for teaching reasoning and inquiry skills in various educational settings. Participants develop a plan of instruction based on a study of model programs.

**EDTE 760 - Issues in Writing Instruction K-12 (6 Credits)**

Issues in the teaching of writing, with emphasis on classroom applications K-12 and program development.

**EDTE 771 - Studies and Internship I in Teaching Math-Early/Elementary Education (3 Credits)**

Instructional approaches, materials and methods for primary and elementary classrooms.

**Prerequisites:** Admission to the MAT program.

**EDTE 772 - Technology in Foreign Language Education (3 Credits)**

Introduction to technology in language teaching and the connection between language acquisition and the implementation of Internet and multimedia technology.

**Cross-listed course:** FORL 772, LING 772

**EDTE 774A - Teaching Internship (Foreign Languages) (3 Credits)**

Application of effective teaching techniques and organization of instructional settings in foreign languages for K-12.

**Prerequisites:** acceptance to the Professional Program in Education.

**Cross-listed course:** FORL 774A

**EDTE 774B - Teaching Internship (Foreign Languages) (9 Credits)**

Application of effective teaching techniques and organization of instructional settings in foreign languages for K-12. 03: 07/05/2019.

**Prerequisites:** EDTE 774A.

**Corequisite:** EDSE 584.

**EDTE 776 - Educating African-American Students (3 Credits)**

An analysis of historical and contemporary factors that influence the education of African American children in the US. Emphasis on the knowledge, skills and dispositions required for educators and parents to provide an effective equitable education for African American students.

**EDTE 777 - Analysis of Effective Instructional Practices (3 Credits)**

Analysis of instructional techniques and strategies effective in fostering student achievement at various levels of schooling.

**Prerequisites:** master's degree and certification.

**EDTE 778 - Teacher as Instructional and Professional Leader (3 Credits)**

Major roles of the master teacher in instructional improvement and professional development. Emphasis on analysis and integration of instructional change and professional development classroom teaching practices.

**Prerequisites:** master's degree and certification.

**EDTE 779 - Equity Pedagogies in Teacher Education (3 Credits)**

Effects of cultural diversity on instruction with emphasis on teaching strategies and programs for multicultural student populations.

**Prerequisites:** EDTE 777, master's degree and certification.

**EDTE 779A - Teaching Internship (Theatre) (3 Credits)**

Application of effective teaching techniques and organization of instructional settings in theatre for K-12.

**Prerequisites:** acceptance to the Professional Program in Education.

**EDTE 779B - Teaching Internship (Theatre) (9 Credits)**

Application of effective teaching techniques and organization of instructional settings in theatre for K-12.

**Prerequisites:** EDTE 779A.

**Corequisite:** EDSE 584.

**EDTE 780 - Field Study Preparation Seminar (3 Credits)**

Instructional planning, including evaluation and dissemination strategies related to improvements and innovations in the classroom. Emphasis is on preparation of written instructional plan for implementation in EDTE 781 Advanced Field Study of Teaching.

**EDTE 781 - Advanced Field Study of Teaching (1-6 Credits)**

Students will conduct and report results of a field study of a selected instructional innovation as specified by an implementation plan developed in EDTE 780.

**Prerequisites:** EDTE 780.

**EDTE 782A - Teaching Internship (Health) (3 Credits)**

Application of effective teaching techniques and organization of instructional settings in health for K-12.

**Prerequisites:** acceptance to the Professional Program in Education.

**Cross-listed course:** HPEB 782A

**EDTE 782B - Teaching Internship (Health) (9 Credits)**

Application of effective teaching techniques and organization of instructional settings in health for K-12. 03: 07/05/2019.

**Prerequisites:** EDTE 782A.

**Corequisite:** EDSE 584.

**EDTE 791 - Global Education (3 Credits)**

An examination of global issues, including the concepts of interdependence and empowerment, as organizing principles in the design of instruction for internationalizing the curriculum.

**EDTE 792 - International Perspectives of Instruction (3 Credits)**

A Comparative examination of the educational and instructional processes of select nations in a variety of instructional areas.

**EDTE 793 - Development Education (3 Credits)**

An examination of the parameters of development education in select areas of the world and its implications for educators and other development workers.

**EDTE 799 - Thesis Preparation (1-9 Credits)****EDTE 811 - Developing Integrated Curricula (3 Credits)**

Theoretical foundation of an integrated curriculum and implications for current practice.

**EDTE 812 - Research in STEM Education (3 Credits)**

Critical exploration of current research and research methodological approaches in STEM education.

**EDTE 820 - Principles of STEM (Science, Technology, Engineering, and Mathematics) Integration (3 Credits)**

Exploration of pedagogical practices and methodological approaches for integrating instruction across STEM disciplines.

**EDTE 827 - Principles of Engineering in STEM Education (3 Credits)**

An exploration of integrated engineering instructional practices and research into science, technology, engineering, and mathematics (STEM) pedagogical practices in order to effectively evaluate, create, and reflect on STEM education resources.

**EDTE 835 - African and Diaspora Literacies for the Study of Teacher Education Pedagogy and Practice (3 Credits)**

The study of teacher education pedagogy and practice focused on developing doctoral students' abilities as future teacher educators to support classroom teachers' (pre-kindergarten through grade 12) knowledge of African and African Diaspora literacies and the ability to broaden curriculum in preK-12 classrooms.

**EDTE 841 - Genre Study: Academic Writing in Education (3 Credits)**

An overview of academic writing in Education as a genre. Emphasis on defining and critiquing the genre, and producing papers, articles, proposals and/or dissertations.

**Prerequisites:** Admission to a doctoral program in education.

**EDTE 850 - Internship in Teaching (1-3 Credits)**

Placement in an educational agency, clinical experience, or teacher education setting to gain supervised experience in teacher education. This course is repeatable for up to 9 credit hours. Six (6) hours of required courses in the Ph.D. in Teaching and Learning program and approval of doctoral advisor and field supervisor.

**EDTE 851 - Internship in Research in Teaching and Learning (1-3 Credits)**

Placement in teaching and/or learning setting to gain supervised research experience. This course is repeatable for up to 9 credit hours. Six (6) hours of required courses in the Ph.D. in Teaching and Learning program and approval of doctoral advisor and field supervisor. Professional division contract approved by instructor, advisor and department chair is required for undergraduate students.

**EDTE 857 - Advanced Critical Race Theory and Education (3 Credits)**

An advanced study of how Critical Race Theory is applied by researchers to investigate issues of racial justice. The study of race and racism is the primary lens of analysis in understanding disparities in educational, political, social and economic outcomes.

**Prerequisites:** EDFI 747

**Cross-listed course:** EDFI 857

**EDTE 870 - Seminar in Instruction and Teacher Education (3 Credits)**

Major writers, issues, and research related to instruction and teacher education.

**Prerequisites:** advanced graduate standing.

**EDTE 899 - Dissertation Preparation (1-12 Credits)**