CIED 1003. Introduction to Technology in Education. 3 Hours.
A study of computer technology as it relates to teacher education. This course introduces students interested in teacher education to the knowledge and skills required to demonstrate their proficiency in technology and learning. (Typically offered: Fall, Spring and Summer)

CIED 1013. Introduction to Education. 3 Hours.
Integrates psychological, sociological, and philosophical foundations of education with concurrent involvement in field experiences. Encourages prospective teachers to become reflective practitioners by emphasizing organization of school systems, planning and implementation of effective classroom environments, development of teaching styles, and new directions in education. An 18-hour early field experience designed to give prospective teachers opportunities to observe and participate in a variety of school settings is incorporated in this introductory course to education. (Typically offered: Fall and Spring)

CIED 2173. Literacy in America. 3 Hours.
A course that examines the myriad definitions of literacy (and illiteracy) and their connections to issues of social class, occupational status, economic and political structures, educational institutions, cultural organizations, and the media. (Typically offered: Fall and Spring)

CIED 2893. Foundations of Language and Literacy. 3 Hours.
A foundational study of language and literacy with an emphasis on content knowledge for teachers that is essential to the components and principles of science-based literacy. (Typically offered: Fall and Spring)

CIED 3001. Early Childhood Education Practicum. 1 Hour.
This practicum course provides opportunities for students to observe and practice providing instruction and guidance in preschool settings. Corequisite: CIED 3003. (Typically offered: Fall, Spring and Summer)

CIED 3003. Early Childhood Education. 3 Hours.
The study of kindergarten and preschool programs: social context of early childhood education, purposes, research basis, curriculum development, methods, and materials. Corequisite: CIED 3001. Prerequisite: CIED 1013. (Typically offered: Spring and Summer)

CIED 3013. Development and Learning Theories in the K-6 Classroom. 3 Hours.
This course allows students to cultivate an understanding of how elementary students develop, process information, and learn; studies educational applications pertaining to theories of development, intelligence, and thinking dispositions. Students study various learning theories, their implications for instruction, and their role in the K-6 classroom. Field experience required. Prerequisite: CIED 1013 or CHEDBS or ELELBS major. (Typically offered: Fall and Spring)

CIED 3013H. Honors Development and Learning Theories in the K-6 Classroom. 3 Hours.
This course allows students to cultivate an understanding of how elementary students develop, process information, and learn; studies educational applications pertaining to theories of development, intelligence, and thinking dispositions. Students study various learning theories, their implications for instruction, and their role in the K-6 classroom. Field experience required. Prerequisite: CIED 1013 or CHEDBS or ELELBS major and honors. (Typically offered: Fall and Spring)

CIED 3023. Survey of Exceptionalities. 3 Hours.
A survey of the characteristics of students with exceptional needs. Reviews the definitions of exceptionalities, learning and behavior characteristics of individuals with exceptionalities and the legal basis for the education of persons with exceptionalities in both elementary and secondary schools. Prerequisite: CIED 1013, or MUED 2012, or AGED 1123, or PSYC 2003. (Typically offered: Fall, Spring and Summer)

CIED 3023H. Honors Survey of Exceptionalities. 3 Hours.
A survey of the characteristics of students with exceptional needs. Reviews the definitions of exceptionalities, learning and behavior characteristics of individuals with exceptionalities and the legal basis for the education of persons with exceptionalities in both elementary and secondary schools. Prerequisite: Honors standing, CIED 1013, or MUED 2012, or AGED 1123, or PSYC 2003. (Typically offered: Fall, Spring and Summer)

CIED 3033. Classroom Learning Theory. 3 Hours.
A survey of the major theories of learning with special emphasis on human learning and implications for education. Field experience required. Prerequisite: CIED 1013; or MUED 2012; or PHED 1003; or AGED 1123; or PSYC 2003. (Typically offered: Fall, Spring and Summer)

CIED 3033H. Honors Classroom Learning Theory. 3 Hours.
A survey of the major theories of learning with special emphasis on human learning and implications for education. Field experience required. Prerequisite: Honors standing and (CIED 1013; or MUED 2012; or PHED 1003; or AGED 1123; or PSYC 2003). (Typically offered: Fall, Spring and Summer)

CIED 3053. The Emerging Adolescent. 3 Hours.
This course is a study of the developmental characteristics (social, emotional, physical, moral, and intellectual) of early adolescents (ages 10-15 years). The implications of these changes for motivation, instruction, learning, and classroom management in the classroom are emphasized. Course has field component. Prerequisite: CIED 1013. (Typically offered: Fall and Spring)

CIED 3083. Arts Integration in the Classroom. 3 Hours.
Content course in arts integration including the pedagogy, design, and implementation of lesson plans which teach skills through the visual and performing arts to students. (Typically offered: Fall)

CIED 3103. Children and Adolescent Literature. 3 Hours.
A survey of children's literary works, authors, and illustrators with emphasis on elementary grade and adolescent literature. Prerequisite: CHEDBS or ELELBS or HDFBSBS BRKD or HDFBSBS CDEV or PSPED major. (Typically offered: Fall and Spring)

CIED 3103H. Honors Children and Adolescent Literature. 3 Hours.
A survey of children's literary works, authors, and illustrators with emphasis on elementary grade and adolescent literature. Corequisite: CIED 3113. Prerequisite: CHEDBS or ELELBS major and honors. (Typically offered: Fall and Spring)

This course is equivalent to CIED 3103.

CIED 3113. Emergent Literacy. 3 Hours.
An understanding of emergent literacy development through a study of science-based literacy pedagogy and practical field experiences. Prerequisite: ENGL 1013, ENGL 1023, CIED 2943 and CHEDBS or ELELBS or HDFBSBS BRKD or HDFBSBS CDEV or SPEDBS major. (Typically offered: Fall and Spring)

CIED 3113H. Honors Emergent Literacy. 3 Hours.
This course focuses on theories of children's emerging literacy and on the continuing development of literacy abilities in pre-kindergarten and early elementary years. Field experience required. Prerequisite: ENGL 1013, ENGL 1023, and CIED 3262, CHEDBS or ELELBS major and honors. (Typically offered: Fall and Spring)

This course is equivalent to CIED 3113.
CIED 3123. Mathematics Methods in the K-6 Classroom. 3 Hours.
An examination of the content of elementary mathematics courses. Special emphasis given to methods of teaching the content as well as enrichment materials. Prerequisite: MATH 1203, MATH 2213, MATH 2223, STAT 2303, and CHEDBS or ELELBS major. (Typically offered: Fall and Spring)

CIED 3133. Integrated Social Studies for the K-6 Classroom. 3 Hours.
Focuses on the methodology of facilitating elementary students' development in language arts and social studies. Integrates the curriculum and teaching strategies in language arts and social studies. Prerequisite: CHEDBS or ELELBS major, and PLSC 2003 and HIST 2003 and HIST 2103, and (HIST 1113 or HIST 1123), and (GEOS 1123 or ANTH 1023), and (ECON 3053 or ECON 2143), and ARHS 1003, and MLIT 1003. (Typically offered: Fall and Spring)

CIED 3143. Teaching Science in the Elementary Grades. 3 Hours.
Study of the methods and materials in teaching science. Classroom applications of teaching strategies with analysis of teacher effectiveness in seminar settings are emphasized. Prerequisite: (BIOL 1543 and BIOL 1541L), and (GEOS 1113 and GEOS 1111L), and (PHYS 1034 or ASTR 2003 and ASTR 2001L), and CHEDBS or ELELBS major. (Typically offered: Fall and Spring)

CIED 3262. Language Development for the Educator. 2 Hours.
Nature of speech-language development in preschool and school-aged children, including cognitive prerequisites, social contexts, and relationships between language acquisition and literacy. Language differences (dialectal, bilingual) and speech-language disorders are explored. The role of the educator in facilitating language acquisition is emphasized. Prerequisite: CHEDBS or ELELBS major. (Typically offered: Fall and Spring)

CIED 3453. Developmental Literacy, 3 Hours.
A deep and comprehensive application of the development of literacy skills from decoding to fluent, comprehending readers. Field experience required. Prerequisite: CIED 2943, CIED 3113, and admission into ELELBS or CHEDBS programs. (Typically offered: Fall and Spring)

CIED 3453H. Honors Developmental Literacy. 3 Hours.
A deep and comprehensive application of the development of literacy skills from decoding to fluent, comprehending readers. Field experience required. Prerequisite: CIED 2943, CIED 3113, admission into ELELBS or CHEDBS programs, and honors standing. (Typically offered: Fall and Spring)

CIED 3901H. Honors Curriculum and Instruction Education Thesis Tutorial. 1 Hour.
Designed to provide the foundation for the Honors Thesis. Students and faculty tutors work 'one-on-one' exploring a specific topic which has been agreed upon by the student and the professor. Prerequisite: Honors candidacy and CATEBS, CHEDBS, EDSTBS, EGEDBA, ELELBS, FREDBA, GREDBA, SNEDBA, SPEDBS, or SSEDBA majors. (Typically offered: Fall, Spring and Summer)

CIED 4003. Elementary Seminar. 3 Hours.
This course is designed to synthesize the foundational content presented in the Bachelor of Science in Education, Elementary Education program. It focuses on refinement of generalized knowledge to accommodate specialized content relevant to elementary students. Corequisite: CIED 4173. Prerequisite: CHEDBS or ELELBS major. (Typically offered: Fall)

CIED 4013. Capstone Course for Foreign Language Licensure. 3 Hours.
This course is designed to identify and provide evidence of content language specific proficiencies in the four skills of reading, writing, listening, and speaking a foreign language. (Typically offered: Spring)

CIED 4023. Teaching in Inclusive Secondary Settings. 3 Hours.
This course is designed to prepare pre-service teachers to teach in inclusive classroom settings at the secondary level. Course content will focus on the ways in which exceptionality, specifically focused on high-incidence disabilities and culture, specifically focused on English language learners mediate the learning experiences of secondary level students. (Typically offered: Summer)

CIED 4083. Creativity in Daily Practice. 3 Hours.
Arts integration course including the ideas, design, and implementation of practices in the classroom, board room, and professional field that enrich the experiences of all stakeholders while building right-brain thinking skills for the new millennium. (Typically offered: Spring Even Years) May be repeated for up to 6 hours of degree credit.

CIED 4101. Practicum. 1 Hour.
Practicum. Corequisite: CIED 3133. (Typically offered: Spring)

CIED 4113. Integrated Communication Skills for the K-6 Classroom. 3 Hours.
Focuses on the methodology of facilitating elementary students' literacy development. Emphasis is on the integration of the communication skills of reading, writing, speaking, and listening across the curriculum. Prerequisite: COMM 1313 or COMM 2323 and CHEDBS or ELELBS major. (Typically offered: Fall and Spring)

CIED 4113H. Honors Integrated Communication Skills for the K-6 Classroom. 3 Hours.
Focuses on the methodology of facilitating elementary students? literacy development. Emphasis is on the integration of the communication skills of reading, writing, speaking, and listening across the curriculum. Prerequisite: COMM 1313 or COMM 2323 and CHEDBS or ELELBS major and honors. (Typically offered: Fall and Spring)

CIED 4123. Literacy Assessment and Interventions in the Elementary Classroom. 3 Hours.
An undergraduate course focusing on literacy assessment and intervention for prospective classroom teachers. Participants become familiar with assessment procedures and instruments for identifying student strengths and weaknesses in literacy, determining effective intervention strategies for literacy improvement, and principles of reporting assessment and intervention outcomes. Corequisite: CIED 4173. Prerequisite: CHEDBS or ELELBS major. (Typically offered: Fall)

CIED 4131. Practicum for Secondary and Multilevel Tracks in Education. 1 Hour.
This practicum is a requirement for entry into the EDUC MA, Master of Arts in Teaching program. Students will be involved in documented experiences with children for a minimum of 60 hours in grades K-12. Students enrolled in the multilevel track will be placed in a combination of elementary, middle, and high school settings. Students enrolled in the secondary track will be placed in a combination of middle and high school settings. Prerequisite: Cleared background check. (Typically offered: Spring and Summer)

CIED 4133. Measurement and Research in the K-6 Classroom. 3 Hours.
This course is designed to provide an introduction to educational assessment, research methods, and what research has to say about trends and topics in elementary education. Prerequisite: CHEDBS or ELELBS major. (Typically offered: Summer)

CIED 4143. Curriculum Design and Applications of Instructional Practice. 3 Hours.
A course in the design and adaptation of curriculum for students in regular, elementary classrooms. Theoretical bases and curriculum models will be reviewed. Corequisite: CIED 4173. Prerequisite: CHEDBS or ELELBS major. (Typically offered: Spring)

CIED 4153. Classroom Management in the Elementary Grades. 3 Hours.
This course focuses on a number of different management techniques for elementary classrooms that can be used in general education settings. Prerequisite: CHEDBS or ELELBS major. (Typically offered: Fall and Spring)

CIED 4163. Senior Project. 3 Hours.
This course is designed to provide students with the research skills necessary to complete their senior project. Prerequisite: CHEDBS or ELELBS major. (Typically offered: Summer)
CIED 4173. Student Teaching. 3 Hours.
Full-time student teaching in grades K-6 to be repeated both fall and spring semesters. Students will practice and master instructional strategies under the supervision of qualified mentor teachers and university faculty members. Prerequisite: CHEDBS or ELELBS major. (Typically offered: Fall and Spring) May be repeated for up to 6 hours of degree credit.

CIED 4183. Instruction and Assessment of Writing. 3 Hours.
Develop knowledge, skills and dispositions about writing processes, genres, and pedagogy. Field experience required. Prerequisite: CIED 2943, CIED 3113, CIED 3453, and admission into CHEDBS or ELELBS programs. (Typically offered: Fall and Spring)

CIED 4286. Teaching Experience. 6 Hours.
The teaching experience is an essential component of the Bachelor of Arts in Teaching degree. The two semester experience allows Teacher Candidates (TC) to make further application of theoretical principles of teaching and learning. Teacher Candidates will be assigned placement in area schools for both fall and spring semesters. Teacher candidates are placed in K-12 or 7-12 levels depending on their content area for licensure. The fall semester consists of a field experience including observation, co-planning, and co-teaching. The spring semester consists of an immersion experience for teacher candidates to plan and teach independently. Prerequisite: Admission to the B.A.T. program. (Typically offered: Spring) May be repeated for up to 12 hours of degree credit.

CIED 4323. Instructional Design for Teachers. 3 Hours.
Study of the design of instruction for students with exceptionalities. Emphasis is placed on synthesizing a broad range of existing and emerging perspectives and methods of instruction and applying them to practical classroom practice. Prerequisite: CIED 3023 and CHEDBS or ELELBS major. (Typically offered: Fall)

CIED 4363. Disciplinary Literacy in the K-6 Classroom. 3 Hours.
Focuses on the methodology of extending K-6 learners' basic literacy development, as a foundation for intermediate and disciplinary literacy. Emphasis is on the engagement of students in the distinct reading, writing, speaking, and listening requirements of different disciplines. Prerequisite: CIED 3113 and CHEDBS or ELELBS major. (Typically offered: Fall and Spring)

CIED 4403. Understanding Cultures in the Classroom. 3 Hours.
This course provides pre-and in-service teachers knowledge and skills necessary for educating ethnically and linguistically diverse classrooms. Students have the opportunity to understand positive relationships while removing stereotypes and prejudices. It addresses issues for social justice education through understanding how these cultural elements impact perceptions of students, classroom practices, and admission into CHEDBS or ELELBS programs. (Typically offered: Fall and Spring, and admission into CHEDBS or ELELBS programs. (Typically offered: Fall and Spring)

CIED 4433. The Moral Mind in Action. 3 Hours.
The Moral Mind in Action explores how people reason through moral dilemmas and prepares students to more effectively recognize and resolve moral problems. Best practices of teachers and administrators of K-16 character education programs are discussed. (Typically offered: Fall)

CIED 4443. Moral Courage. 3 Hours.
Moral Courage explores the factors that support translating moral thinking into moral action. This course draws from the field of positive psychology to guide students as they leverage existing strengths and develop new strategies for acting with moral courage in their personal and professional lives. Best practices of teachers and administrators of K-16 character education programs are discussed. (Typically offered: Spring)

CIED 4463. Culture and Learning. 3 Hours.
Culture, its meanings, dimensions, and manifestations are explored in this course. How these cultural elements impact perceptions of students, classroom practices, and educational processes are explored in this course. A strength-based approach is employed to explore the issues associated with including all students within classrooms. (Typically offered: Fall, Spring and Summer)

CIED 4503H. Honors Charles Darwin and the Legacy of Evolution. 3 Hours.
This highly integrated honors class draws on various perspectives to examine the life of Charles Darwin and the legacy and impact of evolution. Topics and guest instructors change each semester, but the course will focus on evolution from the perspectives of biology, anthropology, the law, philosophy, history, culture and literature. (Typically offered: Spring Even Years)

CIED 4513. Teaching Children with Mild Disabilities. 3 Hours.
This course is a study of the characteristics of young students with disabilities and methods for teaching this group of students. The course will provide future teachers with an understanding of interventions useful in teaching individuals with special learning needs during grades P-4. (Typically offered: Fall and Spring)

CIED 4523H. Honors Teaching Children with Severe Disabilities. 3 Hours.
This course is a study of the characteristics of young students with severe disabilities and methods for teaching this group of students. The course will provide future teachers with an understanding of interventions useful in teaching individuals with special learning needs during grades P-4. (Typically offered: Fall and Spring)

CIED 4533. Reading Comprehension Through Children's and Adolescent Literature. 3 Hours.
An examination of the major genres of children and adolescent literature to develop and extend K-6 students' skills in reading comprehension. Field experience required. Prerequisite: CIED 2943, CIED 3113, CIED 3453, and admission into CHEDBS or ELELBS programs. (Typically offered: Fall and Spring)

CIED 498VH. Curriculum and Instruction Honors Thesis/Project. 1-3 Hour.
Designed to provide facilitation of the Honors Thesis/Project. Students and faculty work 'one-on-one' to complete the honors thesis/project. Prerequisite: Honors candidacy, CIED 3901H, and CATEBS, CHEDBS, EDSTBS, EGEDBS, ELELBS, FREDBA, GREDBA, SNEDBA, SPEDBS, or SSDBA major. (Typically offered: Fall, Spring and Summer) May be repeated for up to 3 hours of degree credit.

CIED 499V. Special Topics in Curriculum and Instruction Education. 1-6 Hour.
Discussion and advanced studies on selected topics in curriculum and instruction. Special focus on recent and emerging topics in education. (Typically offered: Fall, Spring and Summer) May be repeated for up to 18 hours of degree credit.

CIED 499VH. Honors Special Topics in Curriculum and Instruction Education. 1-3 Hour.
Discussion and advanced studies on selected topics in curriculum and instruction. Special focus on recent and emerging topics in education. (Typically offered: Fall, Spring and Summer) This course is equivalent to CIED 499V.
CIED 5003. Elementary Education Seminar. 3 Hours.
This course is designed to synthesize the foundational content presented in
the Master of Arts in Teaching core courses. It focuses on refinement of the generalized
knowledge to accommodate specialized content children. Professional attitudes,
knowledge and skills relevant to elementary students. Professional attitudes,
knowledge and skills applicable to today's elementary educator are addressed.
Prerequisite: Admission to the CHED M.A.T. (Typically offered: Spring)

CIED 5013. Measurement, Research and Statistical Concepts in the Schools. 3 Hours.
An introduction to constructing, analyzing, and interpreting tests; types of research
and the research process; qualitative and quantitative techniques for assessment;
and descriptive and inferential statistics. Prerequisite: Admission to graduate school.
(Typically offered: Spring)

CIED 5022. Classroom Management Concepts. 2 Hours.
A number of different classroom management techniques are studied. It is assumed
that a teacher must possess a wide range of knowledge and skills to be an effective
classroom manager. Prerequisite: Admission to the M.A.T. program. (Typically offered: Fall)

CIED 5032. Curriculum Design Concepts for Teachers. 2 Hours.
The design and adaptation of curriculum for students in regular and special K-6
classrooms. Theoretical bases and curriculum models are reviewed. Concurrent
clinical experiences in each area of emphasis are included. Prerequisite: Admission
to the M.A.T. program. (Typically offered: Spring)

CIED 5053. Multicultural Issues in Elementary Education. 3 Hours.
This course provides an introduction to the major concepts and issues related to
multicultural education in elementary classrooms. The ways in which race, class,
gender and exceptionality influence students' behavior are discussed. Prerequisite:
Admission to graduate school. (Typically offered: Spring Odd Years; Summer)

CIED 5063. Disciplinary and Interdisciplinary Literacies in Education. 3 Hours.
This course teaches the integration of reading, writing, and new literacies within the
discipline and across disciplines. Theory and strategy are presented as integrated
strands of the language process as presented in the context of instructional
principles and suggested teaching practices. A solid research base is emphasized
while keeping the focus on practical application. Prerequisite: Admission to Teacher
Education M.A.T. Program. (Typically offered: Fall) May be repeated for up to 6
hours of degree credit.

CIED 5073. Action Research in Elementary Education. 3 Hours.
Provides the students with experience in conducting case studies and action
research related to childhood education. In addition, students gain knowledge
regarding practices used in ethnographic research. Prerequisite: Admission to
M.A.T. program. (Typically offered: Spring)

CIED 508V. Elementary Education Cohort Teaching Internship. 1-6 Hour.
Full-time student teaching in grades K-6 to be repeated both fall and spring
semesters. Students will practice and master instructional strategies under the
supervision of qualified mentor teachers and university faculty members. (Typically offered:
Fall and Spring) May be repeated for up to 6 hours of degree credit.

CIED 5153. Creativity in Daily Practice. 3 Hours.
(Formerly CIED 4083.) Arts integration course including the ideas, design, and
implementation of practices in the classroom, board room, and professional field that
enrich the experiences of all stakeholders while building right-brain thinking skills for
the new millennium. Graduate degree credit will not be given for both CIED 4083
and CIED 5153. (Typically offered: Spring Even Years) May be repeated for up to 6
hours of degree credit.

CIED 5162. Applied Practicum. 2 Hours.
Provides laboratory experiences for CIED 5173 (Literacy Assessment and
Intervention). Corequisite: CIED 5173. Prerequisite: Admission to the M.A.T.
program. (Typically offered: Fall)

CIED 5173. Literacy Assessment and Intervention. 3 Hours.
Focuses on assessment of young children's literacy skills. Techniques discussed
include informal observation, miscue analysis, and portfolio assessment.
Prerequisite: Admission to graduate school. (Typically offered: Fall and Summer)

CIED 5203. English Language Arts/Speech & Drama Methods of Instruction. 3 Hours.
This course provides an introduction to teaching English language arts (ELA) and
speech/drama in the context of elementary, middle and high school settings. The
topics, issues, methods, and materials encompassing philosophical, cognitive, and
psychological dimensions of teaching the content area provide the major tenets of
instruction. (Typically offered: Summer)

CIED 5213. Issues and Trends in Literacy. 3 Hours.
This course provides an examination of practices to teaching literacy, broadly
defined. The topics, issues, methods, and materials encompassing philosophical,
cognitive, and psychological dimensions of teaching provide the major tenets of
instruction. Prerequisite: Admission to M.A.T. (EDUCMA) Secondary program or
instructor consent. (Typically offered: Spring) May be repeated for up to 6 hours of
degree credit.

CIED 5223. Learning Theory. 3 Hours.
This course provides the student with information about foundational issues in
education, including history and philosophy of American Education, psychological
and social theories of education, characteristics of learners, and learning processes.
Prerequisite: Admission to M.A.T. degree program. (Typically offered: Summer)

CIED 5232. Interdisciplinary Studies. 2 Hours.
Introduction to the nature of interdisciplinary study: curricular content, course
planning (topics and themes), instructional strategies, and evaluation and
assessment. Prerequisite: Admission to the M.A.T. program. (Typically offered: Fall, Spring and Summer)

CIED 5243. The Moral Mind in Action. 3 Hours.
(Formerly CIED 4433.) The Moral Mind in Action explores how people
through moral dilemmas and prepares students to more effectively recognize and
resolve moral problems. Best practices of teachers and administrators of K-16
character education programs are discussed. Graduate degree credit will not be
given for both CIED 4433 and CIED 5243. (Typically offered: Fall)

CIED 5253. Moral Courage. 3 Hours.
(Formerly CIED 4443.) Moral Courage explores the factors that support translating
moral thinking into moral action. This course draws from the field of positive
psychology to guide students as they leverage existing strengths and develop new
strategies for acting with moral courage in their personal and professional lives.
Best practices of teachers and administrators of K-16 character education programs
are discussed. Graduate degree credit will not be given for both CIED 4443 and
CIED 5253. (Typically offered: Spring)

CIED 5263. Assessment, Evaluation, and Practitioner Research. 3 Hours.
A study of assessment, testing, and evaluative procedures in classrooms including
types of tests, abuses of tests, test construction, scoring, analysis and interpretation,
statistical methods, and alternative evaluation and assessment techniques.
Classroom-based data collection and analysis. Prerequisite: Admission to the M.A.T.
program. (Typically offered: Fall)

CIED 5273. Research in Curriculum and Instruction. 3 Hours.
An introduction to inquiry and research in curriculum and instruction. It examines
the principles, strategies, and techniques of research, especially qualitative inquiry.
Qualitative method in assessment and evaluation are considered. Practicum in
educational research and evaluation is done as part of the class. (Typically offered:
Fall)
CIED 528V. Teaching Experience. 1-6 Hour.
The teaching experience is an essential component of the Masters of Arts in Teaching degree. The two semester experience allows Teacher Candidates (TC) to make further application of theoretical principles of teaching and learning. Teacher Candidates will be assigned placement in area schools for both fall and spring semesters. The fall semester consists of a field experience including observation, co-planning, and co-teaching. The spring semester consists of an immersion experience for teacher candidates to plan and teach independently. Prerequisite: Admission to the M. A. T. Program (Typically offered: Fall and Spring) May be repeated for up to 6 hours of degree credit.

CIED 5313. Principles of Qualitative Research in Curriculum & Instruction. 3 Hours.
Designed specifically for aspiring qualitative researchers who wish to conduct research in settings unique to curriculum and instruction. Methods of research design, data analysis, and writing for publication will be emphasized. Strongly recommended for graduate students who are considering a qualitative thesis or dissertation in curriculum and instruction. (Typically offered: Spring Odd Years)

CIED 5333. Curriculum Theory and Development for Educators. 3 Hours.
The design and adaptation of curriculum for students in regular and special K-12 classrooms. Theoretical bases and curriculum models are reviewed. Concurrent clinical experiences in each area of emphasis are included. Prerequisite: Admission to the M.A.T. program. (Typically offered: Summer) May be repeated for up to 6 hours of degree credit.

CIED 5363. Teaching in K-12 Online and Blended Classrooms. 3 Hours.
The study of curriculum, instructional methods and assessment techniques to facilitate student learning in K-12 virtual and blended teaching environments. Students enrolled in the course will be required to demonstrate knowledge of prevalent and relevant models of K-12 curriculum, web-based instructional methods, assessment techniques and utilize tools for the development and implementation of effective instruction in the K-12 virtual classroom. Prerequisite: Graduate standing. (Typically offered: Fall)

CIED 5393. Introduction to Linguistics. 3 Hours.
This course is an introduction to human language. The goal is to understand what it means to speak a language, including an introduction to phonetics and phonology (specifically the sound system of American English), morphology (the rules of English at the word level), syntax (rules that govern sentence level language), semantics (meanings of words) and sociolinguistics (or the study of language use in its social context). (Typically offered: Fall)

CIED 5423. Curriculum and Instruction: Models and Implementation. 3 Hours.
The study of models of curriculum and instruction and their implementation to facilitate student learning in a variety of instructional environments. (Typically offered: Spring)

CIED 5443. Methods of Teaching Foreign Language K-12. 3 Hours.
Study of the methods and materials in the teaching of foreign language in K-12 settings as well as the theories of second language acquisition. Includes philosophical, cognitive, and psychological dimensions of teaching foreign languages. The planning of instruction, microteaching, and the development of instructional materials are included. Prerequisite: Admission to the MAT program. (Typically offered: Fall) May be repeated for up to 6 hours of degree credit.

CIED 5453. Evaluation Techniques. 3 Hours.
Evaluation of learning using traditional means of assessment as well as alternative or authentic assessment techniques. (Typically offered: Irregular)

CIED 5461. Capstone Research Seminar. 1 Hour.
This course provides students with basic knowledge and practical skills in understanding, utilizing and implementing a research design project with a focus in the discipline of curriculum and instruction with particular emphasis of some aspect of teaching and/or learning. As a part of this course students will design, conduct and report the results of an action research study undertaken in the teaching internship. Prerequisite: Admission to M.A.T. program. (Typically offered: Spring) May be repeated for up to 2 hours of degree credit.

CIED 5513. Sound System of American English. 3 Hours.
This course will study the structure and development of American English (AE). Topics include: 1) the structure/systems of American English pronunciation, 2) vowels, 3) consonant system (including such features as minimal pairs, 4) prosody, intonation, rhythm, and stress, and 5) regionalism and social varieties, and 6) pedagogical approaches to teaching the features of American English. (Typically offered: Fall)

CIED 5523. Instructional Practices in Teaching Foreign Language. 3 Hours.
A pedagogical studies course based on the theoretical and practical aspects of methods, techniques, and materials for effective teaching of foreign languages in K-12 schools. Prerequisite: Admission to M.A.T. Program. (Typically offered: Spring) May be repeated for up to 6 hours of degree credit.

CIED 5543. Structures of American English. 3 Hours.
This course provides an introduction to the grammars of English, including (but not restricted to traditional, structural, and transformational-generative (universal grammar). It includes approaches to the teaching of all types of grammars. (Typically offered: Spring and Summer)

CIED 5553. Social Justice and Multicultural Issues in Education. 3 Hours.
This seminar provides an introduction to the major concepts and issues related to multicultural education and social justice in education and the ways in which race, ethnicity, class, gender, and exceptionality influence students' behavior. The course also examines the intersection of teacher and student perceptions of identity, schooling, and learning and the effects on educational systems. Prerequisite: Admission to MAT. (Typically offered: Summer) May be repeated for up to 6 hours of degree credit.

CIED 5563. Teaching Internship/Action Research. 3 Hours.
During this course, Master's candidates will be provided with classroom time to prepare to teach and then will be assigned to a classroom or classrooms. During this time the candidates will have an opportunity (under supervision) to observe, to teach and to participate in classroom activities. Additionally, candidates will research some area of their own pedagogy relevant to the experience. (Typically offered: Irregular)

CIED 5573. Foundations of Literacy. 3 Hours.
Teaching of reading to children; techniques, research, and modern practices. (Typically offered: Fall, Spring and Summer)

CIED 5593. Advanced Diagnosis and Intervention. 3 Hours.
Emphasizes the diagnosis and remediation of reading difficulties in the classroom setting. Students are expected to become familiar with cause of reading failure, diagnosis instruments and procedures, principles of report writing, and corrective instructional methods and materials. The course is open to graduate students with instructor's consent. Enrollment limited to 20. Prerequisite: CIED 5573. (Typically offered: Irregular)

CIED 5683. Adolescent Literature. 3 Hours.
Content course in adolescent literature including selection, reading, evaluation, and psychological basis of classic and contemporary works. (Typically offered: Fall, Spring and Summer)
CIED 5713. Integrating the Elementary Curriculum. 3 Hours.
This course focuses on meaningful integration of science, mathematics, literacy, social studies, art, and music in the elementary classroom. A strong foundation for integrating the elementary curriculum will be developed by providing students with theoretical frameworks, research, resources, and methods related to classroom practice. Strategies to coordinate the integration of these subject areas for the K-4 classroom will be modeled. (Typically offered: Summer)

CIED 5723. Nature and Needs of Persons with Mild Disabilities. 3 Hours.
Educational, psychological, and social characteristics of individuals who have mild disabilities with emphasis on educational methods and modifications. Prerequisite: CIED 3023. (Typically offered: Fall)

CIED 5803. Nature and Needs of the Gifted and Talented. 3 Hours.
Educational, psychological, and social characteristics of gifted and talented children. Prerequisite: Graduate standing. (Typically offered: Fall)

CIED 5813. Curriculum Development in Gifted and Talented. 3 Hours.
Examines the various models for developing curriculum and providing services for students identified for gifted programs. Prerequisite: CIED 5803. (Typically offered: Spring)

CIED 5823. Gifted and Talented (Structured) Practicum. 3 Hours.
Supervised field experience in gifted education programs, schools, institutions, and other facilities for gifted/talented children. Prerequisite: CIED 5813. (Typically offered: Summer)

CIED 5843. Representations of American Education in Film. 3 Hours.
This course provides an examination of students, teachers, administrators, schools, and schooling as they exist on the silver screen. Of particular interest is how film representations and misrepresentations potentially affect public perceptions of education. This course draws on educational theory and the field of cultural studies. (Typically offered: Irregular)

CIED 5853. Issues in Mathematics Education. 3 Hours.
Study of research in mathematics education and applications to classroom teaching and learning. Emphasis will be given past and current research in the areas of students' cognitive development in mathematics, mathematics curriculum development, and teaching practices and assessment. (Typically offered: Irregular)

CIED 5913. Parent/Family Engagement for Culturally & Linguistically Diverse Students. 3 Hours.
Students will investigate characteristics of family/community engagement systems and models serving culturally and linguistically diverse (CLD) students and families. Identify qualities of a welcoming, accepting environment for CLD families and implement some of these characteristics in their classroom and schools. Support communication and facilitate contributions by CLD families to the school and community including leadership roles. Demonstrate knowledge, skills, best practices and resources to enhance CLD family/community engagement by developing and implementing a service-learning project in their school or community. Prerequisite: Graduate standing. (Typically offered: Summer)

CIED 5923. Second Language Acquisition. 3 Hours.
This is one of four courses leading to Arkansas approved endorsement for teaching English as a Second Language (ESL). The course gives an introduction to the basics in research and learning theories involved in the acquisition of second languages and cultures, particularly ESL. (Typically offered: Fall)

CIED 5933. Second Language Methodologies. 3 Hours.
This is one of a series of four courses leading to Arkansas approved endorsement for teaching English as a Second Language (ESL). The course introduces the basics in approaches, methodologies, techniques, and strategies for teaching second languages, especially ESL. (Typically offered: Spring)

CIED 5943. Teaching People of Other Cultures. 3 Hours.
This is one in a series of four courses leading to Arkansas approved endorsement for teaching English as a Second Language (ESL). The course focuses on cultural awareness, understanding cultural differences, and instruction methods for integrating second cultures, especially the culture of the United States, into the curriculum. (Typically offered: Fall)

CIED 5953. Second Language Assessment. 3 Hours.
This is one in a series of four courses leading to Arkansas approved endorsement for teaching English as a Second Language (ESL). The course introduces basic methods for testing, assessing and evaluating second language, especially ESL, learners for placement purposes and academic performance. (Typically offered: Spring)

CIED 5973. Practicum in Secondary Education. 3 Hours.
Students will engage in action research in a school setting to advance their knowledge of teaching and learning venues including schools and informal learning environments. Prerequisite: Permission. (Typically offered: Fall and Spring)

CIED 5983. Practicum in Curriculum & Instruction. 3 Hours.
This course will provide degree candidates with advanced knowledge of teaching in the elementary or secondary schools. This will be accomplished through a semester-long practicum during which an action research project will be designed, enacted, and reported. (Typically offered: Irregular) May be repeated for up to 6 hours of degree credit.

CIED 599V. Special Topics. 1-18 Hour.
Special topics. (Typically offered: Fall, Spring and Summer) May be repeated for up to 18 hours of degree credit.

CIED 600V. Master's Thesis. 1-6 Hour.
This course is designed for students completing a thesis at the master's level in curriculum and instruction and related programs. It may be taken multiple times for 1-6 credits but no more than 6 credits will be counted toward the degree. Prerequisite: Graduate Standing (Typically offered: Fall, Spring and Summer) May be repeated for degree credit.

CIED 6013. Curriculum Theory, Development, and Evaluation. 3 Hours.
Principles and concepts of curriculum and development, with an analysis of the factors basic to planning, the aims of the educational program, the organization of the curriculum, curriculum models, and elements desirable in the curriculum of schools including evaluation. (Typically offered: Fall Odd Years)

CIED 6023. Instructional Theory. 3 Hours.
Study of psychological, anthropological, sociological, and educational theories of instruction and learning. Emphasis is placed on synthesizing a broad range of existing and emerging perspectives in understanding individual, interactional and contextual phenomena of instruction and learning. (Typically offered: Spring Even Years)

CIED 6033. Content Specific Pedagogy. 3 Hours.
This course explores the relationship between the content of courses taught in schools and the pedagogical principles that the teaching of the content requires. Students will discuss and synthesize findings from the research literature and from personal investigation. (Typically offered: Irregular)

CIED 6043. Analysis of Teacher Education. 3 Hours.
This course examines issues, problems, trends, and research associated with teacher education programs in early childhood, elementary, special education, and secondary education. Prerequisite: CIED 6023. (Typically offered: Summer Even Years)

CIED 6053. Curriculum and Instruction: Learner Assessment and Program Evaluation. 3 Hours.
This course provides an overview of designing, implementing and analyzing learner assessments as well as systemic and program evaluations in a variety of instructional environments. (Typically offered: Spring Even Years)
CIED 6073. Seminar in Developing Creativity. 3 Hours.
A study of the facets of creativity, how they can be applied to be used in one's everyday life, how they can be applied in all classrooms, and how to encourage the development of these in students. (Typically offered: Irregular)

CIED 6083. Piaget's Theory and Instruction. 3 Hours.
Piaget's theory has been applied to classroom instruction in various settings. This course will investigate the theory in depth, study classroom application, and students will devise application. Prerequisite: CIED 6023. (Typically offered: Spring Even Years)

CIED 6093. Vygotsky in the Classroom. 3 Hours.
This course introduces the cultural-historical theory of L. Vygotsky and considers its complexity. The comprehensive nature of Vygotsky's heritage and the importance of the sociocultural context for understanding his work is emphasized, as well as the implications of his theories for contemporary educational settings. (Typically offered: Fall Even Years)

CIED 6123. New Literacy Studies. 3 Hours.
In the past decade scholars have expressed an interest in the diverse literacy practices in which adolescents engage outside of school. In using new media, adolescents interweave multiple sign systems, including word and image, to construct a narrative or communicate information. How do readers interpret these texts? What conventions do authors manipulate to influence the meanings they construct? This course aims to answer these and other questions. (Typically offered: Fall Odd Years) May be repeated for up to 12 hours of degree credit.

CIED 6133. Trends and Issues in Curriculum and Instruction. 3 Hours.
Analysis of trends and issues in curriculum and instruction with emphasis on political/social contexts and prevailing philosophies/theories/practices across disciplines. Prerequisite: Admittance in Ed.D, Ed.S. or Ph.D. program. (Typically offered: Fall Even Years)

CIED 6143. Differentiated Instruction for Academically Diverse Learners. 3 Hours.
Major focus of this course will be the examination of differentiated instruction, a teaching philosophy appropriate for a wide range of learners. (Typically offered: Summer Even Years)

CIED 6153. Theories of Literacy Learning. 3 Hours.
In this seminar, students consider theories of literacy learning and their implications for practice and research. Theories are viewed as historically and socially situated, and students reflect on how their own work might be situated within these theories. The ways in which theories support research methodology are also explored. (Typically offered: Spring Odd Years)

CIED 6163. Social and Emotional Components of Gifted and Talented Students. 3 Hours.
Purpose of this course is to study the theoretical and practical aspects of those affective issues, behaviors, and experiences often associated with gifted and talented students. (Typically offered: Summer Even Years)

CIED 6173. Reviews of Research in Reading Comprehension. 3 Hours.
In this online course, students will learn types of reviews of research, including qualitative systematic reviews and meta-analyses, and will conduct a review of research on a topic related to reading comprehension. Students will consider implicit and explicit definitions of comprehension and the influence various definitions have on assessment, instruction, policy and research. Students will examine comprehension in different contexts, disciplines, genres, and platforms. The course is a CIED Area of Study or Cognate Course (not part of the Inquiry Core). (Typically offered: Summer Even Years)

CIED 6183. Theory and Research in Arts Integration. 3 Hours.
Content course in arts integration including the pedagogy, design, and implementation of lesson plans which simultaneously address core curriculum learning targets and teach skills through the visual and performing arts in order to address the needs of the learners of the new millennium. Prerequisite: Instructor consent. (Typically offered: Spring and Summer)

CIED 6193. Teaching English Language Learners in the Content Areas. 3 Hours.
This course prepares teachers to teach English language learners in math, science, and social studies. These subject areas each have their own vocabulary that must be mastered by English language learners. The course focuses on teachers of both children and adults. (Typically offered: Spring)

CIED 6243. Bakhtin in Language, Literacy, and Research. 3 Hours.
This seminar course explores a growing body of theory, research, and applications inspired by the ideas of Russian scholar Mikhail M. Bakhtin, who provides a unique perspective on language, literacy, and culture. Bakhtin's focus on the process of meaning-making through dialogic interaction is relevant for educators in all academic areas. Bakhtin's ideas provide a powerful humanistic alternative to prevailing formalistic tendencies in studying language, culture, and education. Many modern orientations, such as discourse analysis and dialogic pedagogy, can be traced to Bakhtinian concepts. In addition to exploring Bakhtinian concepts in language and literacy, this course applies a Bakhtinian framework for research. (Typically offered: Fall Odd Years)

CIED 6313. Issues, History, and Rationale of Science Education. 3 Hours.
This course is the foundation experience for those interested in the discipline of science education. It provides an overview of the fundamental issues in and vocabulary of science education. The course includes the research basis for science teaching, the literature of science education, and the issues and controversies surrounding the teaching of science. (Typically offered: Fall Even Years)

CIED 6333. Nature of Science: Philosophy of Science for Science Educators. 3 Hours.
The Nature of Science is a hybrid arena consisting of aspects of the philosophy, history and sociology of science along with elements of the psychology of scientific observations all targeting the complete understanding of how science actually functions. Prerequisite: Admission to grad school. (Typically offered: Irregular)

CIED 6343. Advanced Science Teaching Methods. 3 Hours.
This course is designed for those educators who have had some previous instruction in science teaching methods and/or had some prior science teaching experience. Students will gain new or renewed perspectives with respect to their personal teaching ability while engaging in discussions and activities designed to assist others in professional grow in science instruction. Prerequisite: Admission to graduate school. (Typically offered: Irregular)

CIED 6443. Mixed Methods Research. 3 Hours.
This course will provide opportunities for students to acquire the skills, knowledge, and strategies necessary to design and implement a mixed methods research study. Emphasis is upon developing research questions, developing a research design, selecting a sample, and utilizing appropriate techniques for analyzing data. (Typically offered: Fall)

CIED 6533. Problem-Based Learning and Teaching. 3 Hours.
A course in the design, development, and delivery of the problem-based learning (PBL) model. Theoretical cases and curriculum models will be centered on issues and models related to PBL. (Typically offered: Irregular)
CIED 6603. Multicultural Education. 3 Hours.
This course is designed to trace, examine, discuss, and promote understanding of issues related to multicultural education, different views of multicultural education, and the impact of multicultural education upon the schooling process. Emphasis is upon schooling experiences of culturally diverse students, language issues, gender issues, and evaluation issues. Prerequisite: Admission to the Ed.S. or Ph.D. program. (Typically offered: Spring)

CIED 6623. Research Methods and Scholarship in Curriculum and Instruction. 3 Hours.
In this course students will look at methods and practices in writing a successful dissertation proposal. Emphasis will be placed on research studies, collection of reliable and valid data, and analysis of data. Throughout the course, topics will focus on what scholarship looks like in curriculum and instruction. Prerequisite: Advanced standing in the doctoral program. (Typically offered: Fall)

CIED 674V. PhD Research Internship. 1-6 Hour.
This research internship is for doctoral level students in curriculum and instruction. The goal is to provide research experience within the doctoral course of study. (Typically offered: Fall and Spring) May be repeated for up to 6 hours of degree credit.

CIED 680V. Ed.S. Project. 1-6 Hour.
Instructor permission required to register. Prerequisite: Instructor permission. (Typically offered: Fall, Spring and Summer)

CIED 684V. PhD Teaching Internship. 1-6 Hour.
This teaching internship is for doctoral level students in curriculum and instruction. The goal is to provide teaching experience within the doctoral course of study. (Typically offered: Fall, Spring and Summer)

CIED 694V. Special Topics. 1-6 Hour.
Discussion and advanced studies on selected topics in curriculum and instruction. Specific focus on recent developments. (Typically offered: Fall, Spring and Summer) May be repeated for up to 6 hours of degree credit.

CIED 695V. Independent Study. 1-6 Hour.
Independent study. (Typically offered: Fall, Spring and Summer)

CIED 699V. Doctoral Seminar. 1-3 Hour.
Doctoral seminar. (Typically offered: Fall, Spring and Summer) May be repeated for up to 3 hours of degree credit.

CIED 700V. Dissertation. 1-18 Hour.
Dissertation. Prerequisite: Candidacy (Typically offered: Fall, Spring and Summer) May be repeated for degree credit.