COURSES FOR CURRICULUM AND INSTRUCTION

Curriculum and Instruction Courses

**CEE304 Teaching Early Childhood and Elementary School Science**  
Hours 3  
Teaching experiences related to P-6 children’s learning of science, with emphasis on teaching strategies that use inquiry approaches. Intensive field experience. Admission to Teacher Education Program is required.  
Prerequisite(s): CEE 365, CEE 370, CEE 380, CEE 492, and CEE 495 with a minimum passing grade of C-  
Prerequisite(s) with concurrency: CEE 366, CEE 401, CEE 478, CEE 496 and BER 450

**CEE320 Survey of Early Childhood and Elementary Education**  
Hours 3  
Surveys early childhood and elementary education as professional careers. Students become acquainted with factors affecting successful teaching in P-6.  
Prerequisite(s) with concurrency: CRD 369, CEE 491, and MUE 385

**CEE365 Literature for Early Childhood and Elementary Ages**  
Hours 3  
Selection and teaching of literature for P-6 children at various developmental levels, according to interests, needs, and abilities. Intensive field experience. Admission to Teacher Education Program is required.  
Prerequisite(s) with concurrency: CEE 320, CEE 491, CRD 369, and MUE 385

**CEE366 Teaching Social Sciences for Early Childhood and Elementary Children**  
Hours 3  
The nature of P-6 social studies, the resource unit, kinds of materials, teaching procedures, and the evaluation of learning. Intensive field experience. Admission to Teacher Education Program is required.  
Prerequisite(s): CEE 365, CEE 370, CEE 380, CEE 492, and CEE 495 with a minimum passing grade of C-  
Prerequisite(s) with concurrency: CEE 304, CEE 401, CEE 401, CEE 492, and CEE 495

**CEE370 Teaching Reading Elem School**  
W  
Hours 3  
Materials and methods in the teaching of reading, with emphasis on assessment-based instruction and planning a balanced program. Intensive field experience. Writing proficiency within this discipline is required for a passing grade in this course. Admission to Teacher Education Program is required.  
Prerequisite(s): CEE 320, CEE 491, CRD 369, and MUE 385  
Prerequisite(s) with concurrency: CEE 365, CEE 380, CEE 401, CEE 495, and KIN 364

Writing

**CEE380 Teaching Early Childhood and Elementary Mathematics**  
Hours 3  
P-6 teaching experiences related to children’s developmental learning of mathematics, with emphasis on teaching strategies, manipulatives, and other materials useful in teaching content. Intensive field experience. Admission to Teacher Education Program is required.  
Prerequisite(s): CEE 320, CRD 369, and MUE 385 with minimum passing grade of C-  
Prerequisite(s) with concurrency: CEE 365, CEE 370, CEE 401, CEE 492, and CEE 495

**CEE401 Managing Effective Classrooms**  
Hours 1-6  
This course is designed to teach students the principles and theory of classroom management. Emphasis will be placed on the design and implementation of classroom management methods and techniques.  
Prerequisite(s): Admission to Teacher Education Program

**CEE478 Teaching Language Arts in Early Childhood and Elementary W**  
Hours 3  
Deepening understanding of the materials and methods for teaching of P-6 language arts with emphasis on planning and implementing a writing program. Intensive field experience. Writing proficiency within this discipline is required for a passing grade in this course. Admission to Teacher Education Program is required.  
Prerequisite(s): CEE 365, CEE 370, CEE 380, CEE 492, and CEE 495 with a minimum passing grade of C-  
Prerequisite(s) with concurrency: CEE 304, CEE 366, CEE 401, CEE 496, and BER 450

Writing

**CEE491 Early Childhood Curr. & Inst.**  
Hours 3  
A foundation in the materials and methods for teaching in early childhood classrooms with an emphasis on child development, assessment, and instruction. Completion of Professional Semester II courses required.  
Prerequisite(s) with concurrency: CEE 320, CRD 369, and MUE 385

**CEE492 Engaging Children and Families in the Early Childhood Classroom**  
Hours 3  
Students will develop advanced skills in planning and facilitating play-based activities to support the learning and development of children from birth through age eight. Students will use an integrated approach to teaching developmentally appropriate curriculum while building their professional knowledge related to advocacy and family engagement.  
Prerequisite(s): CEE 491
**CEE495 Practicum**  
Hours 3  
Open only to students in professional semester II of the early childhood and elementary program. This course offers students significant clinical experience and opportunities to plan and teach lessons in P-6. Admission to Teacher Education Program is required.  
Prerequisite(s): CRD 369, CEE 320, CEE 491, and MUE 385 with minimum passing grade of C-  
Prerequisite(s) with concurrency: CEE 365, CEE 370, CEE 380, CEE 401, and CEE 492  

**CEE496 Senior Practicum**  
Hours 3  
A field-based course providing opportunities to practice authentic classroom application of various subject areas in P-6 education. Admission to Teacher Education Program is required.  
Prerequisite(s): CEE 365, CEE 370, CEE 380, CEE 492 with a minimum passing grade of C-  
Prerequisite(s) with concurrency: CEE 304, CEE 366, CEE 401, CEE 478, and BER 450  

**CEE497 Internship Elem School**  
Hours 4.5-7.5  
Observation, participation, and teaching experiences supervised by selected cooperating teachers in public elementary schools. Additional supervision is provided by College of Education personnel. Offered fall and spring semesters only. Application for student teaching must be made the semester prior to student teaching (excluding summer term) through the Office of Clinical Experiences. Formal application meetings are held and their times will be posted in Graves Hall and announced in the Crimson White prior to the meetings. Admission to Teacher Education Program is required.  
Prerequisite(s): CEE 401, CEE 366, CEE 478, CEE 496 with a minimum passing grade of C-  

**CIE480 Meth Teach Foreign Langs**  
W  
Hours 3  
Theories, methods, techniques, and essential media for teaching foreign languages effectively. Writing proficiency within this discipline is required for a passing grade in this course. Admission to Teacher Education Program is required.  
Prerequisite(s): None. Corequisite: CSE 489  
Writing  

**CIE497 Intern Foreign Lang Educ**  
Hours 3-12  
Observation and teaching of the major subject in an elementary and secondary school. Offered in the fall and spring semesters only. Application for student teaching must be made the semester prior to student teaching (excluding summer term) through the Office of Clinical Experience. Formal application meetings are held and their times will be posted in Graves Hall and announced in the Crimson White prior to the meetings.  
Prerequisite(s): Admission to Teacher Education Program  

**CIE499 Special Topics in Early Childhood, Elementary, and/or Secondary Education**  
Hours 1-6  
This course, offered on campus or abroad, provides opportunities to engage with topics or projects of collective concern in early childhood, elementary, and/or secondary education. Topics vary. May be repeated. Offered according to demand.  
Prerequisite(s): Permission of instructor  

**CRD369 Foundations of Reading Instruction for Early Childhood and Elementary Children**  
Hours 3  
Introduction to literacy development, instruction, and assessment for P-6. Foundational concepts of literacy instruction and best-practice are covered. A field component is required.  
Prerequisite(s) with concurrency: CEE 320, CEE 491, and MUE 385  

**CRD400 Teach Readg Diverse Learn K-12**  
Hours 3  
A foundation in the materials and methods for teaching reading and language arts K-12, with emphasis on intervention programs, assessment, and instruction for individual and small groups of students. Intensive field experience is required.  

**CRD412 Impr Read Second Schools W**  
Hours 3  
Study of methods and strategies for teaching reading at the secondary and junior-college levels. Methods of teaching word attack and comprehension skills are emphasized. Diagnostic techniques, study skills, and teaching reading in the content areas are also covered. Writing proficiency within this discipline is required for a passing grade in this course.  
Prerequisite(s): Admission to Teacher Education Program  
Writing  

**CSE390 Instructn Accomd Sec Sch**  
Hours 3  
The course focuses on evaluating teaching and learning behaviors and on general teaching competencies.  
Prerequisite(s) with concurrency: CSE 493, and BEP 360 or BEF 360  

**CSE401 Tech for Teaching Sec. Math C**  
Hours 3  
Examines and explores various existing and emerging classroom technologies for specifically teaching secondary mathematics topics including but not limited to spreadsheets, hand-held & computer graphing technologies, dynamic geometry software, computer algebra systems and data collection devices. Fall only. Computing proficiency is required for a passing grade in this course.  
Prerequisite(s): C- or better in MATH 227 and ST 260 CSE 390  
Prerequisite(s) with concurrency: MATH 403  
Computer Science
CSE406 Curriculum Secondary Math
W
Hours 3
Future secondary mathematics teachers examine advanced concepts, structures, and procedures that comprise secondary mathematics. This course focuses on current issues and trends in the curriculum, teaching, and learning of secondary mathematics with emphasis on the investigation and implementation of current reform efforts. Writing proficiency within the discipline is required for a passing grade in this course.
Prerequisite(s): C- or better in CSE 401 Admission to Teacher Education Program
Writing

CSE455 Adolescent Literature
Hours 3
Study of contemporary literature for young adults, with emphasis on high-interest and high-quality literature from diverse authors.

CSE469 Pedagogical Grammar
Hours 3
This is a practical course intended to enhance the student’s understanding of the structure of the English language. The course is designed to encourage a thorough study of grammar and its role in the English language arts curriculum, to explore the psycholinguistic nature of language processes, and to develop methods of instruction for the classroom.

CSE470 Teaching Writing 6-12
Hours 3
This course is designed to prepare prospective English teachers to successfully teach and evaluate writing in grades 6-12.

CSE476 Improving Science Teaching
C
Hours 3
Examination and evaluation of emerging and existing technologies specific to secondary science teaching. Students will grow their capacity to employ technologies to plan, enact, and assess science teaching and learning. Computing proficiency is required for a passing grade in this course.
Prerequisite(s): CSE 390
Prerequisite(s) with concurrency: BER 450, CRD 412, CSE 489, CSE 486
Computer Science

CSE479 Teach Second Sch English
C, W
Hours 3
Methods and media essential to effective instruction of English in the secondary school. Admission to Teacher Education Program is required.
Prerequisite(s): CSE 390
Prerequisite(s) with concurrency: CSE 489, CRD 412, and BER 450
Computer Science, Writing

CSE480 Teach Sec Sch Forgn Lang
W
Hours 3
Theories, methods, techniques, and essential media for teaching foreign languages effectively in the secondary school. Offered fall semester only. Writing proficiency within this discipline is required for a passing grade in this course. Admission to Teacher Education Program is required.
Prerequisite(s) with concurrency: CSE 489, CRD 412, BER 450
Writing

CSE483 Teach Second School Math
W
Hours 3
The course presents primarily methods and instructional strategies of teaching mathematics, but necessarily includes a study of selected topics in mathematics. Offered fall semester only. Writing proficiency within this discipline is required for a passing grade in this course. Admission to Teacher Education Program is required.
Prerequisite(s): CSE 406 with a minimum passing grade of C-
Prerequisite(s) with concurrency: CSE 489, CRD 412, BER 450
Writing

CSE485 Teaching Inquiry in Secondary Social Studies
Hours 3
This course is designed to assist students’ understanding of and application of powerful, inquiry-based strategies to the design of meaningful 21st century social studies instruction and assessment.
Prerequisite(s): TEP

CSE486 Teach Second Sch Science
W
Hours 3
Instructional strategies and media essential to effective learning of science in the secondary school. Content includes objectives, inquiry teaching, analysis of curricula, assessment, teaching for diversity, science-thinking skills, unit planning, and laboratory management. Offered only fall semester. Writing proficiency within this discipline is required for a passing grade in this course. Admission to Teacher Education Program is required.
Prerequisite(s): None. Corequisite: CSE 489
Writing

CSE487 Teach Second Soc Science
C, W
Hours 3
This course will use a reflective teaching model for examining the history, issues, and contemporary practices related to teaching middle- and high-school social science. Computing proficiency is required for a passing grade in this course. Writing proficiency within the discipline is required for a passing grade in this course. Admission to Teacher Education Program is required.
Prerequisite(s): CSE 390 with a minimum passing grade of C-
Prerequisite(s) with concurrency: BER 450 and CRD 412 and CSE 489
Computer Science, Writing
CSE489 Clinic Exper Second School  
Hours 3  
Observation and participation experiences in secondary schools.  
Computing proficiency is required for a passing grade in this course.  
Admission to Teacher Education Program is required.  
Prerequisite(s): CSE 390 Unconditional Admission to Teacher Education Program  
Prerequisite(s) with concurrency: Appropriate methods course  

Computer Science  
CSE493 Diversity Block Seminar  
Hours 1-3  
A reflective teaching model will be used to explore differences in race, class, gender, and academic achievement as they affect classroom interaction and academic success.  
Prerequisite(s) with concurrency: CSE 390  

CSE497 Sec School Teaching  
Hours 3-12  
Observation and teaching of the major subject in the secondary school.  
Admission to Teacher Education Program is required.  
Prerequisite(s): CSE 480 or CSE 476 or CSE 483 or CSE 487 or CSE 479 with a minimum passing grade of C-