COURSES FOR CURRICULUM AND INSTRUCTION

Curriculum and Instruction Courses

CEE304 Teach Elem School Scienc
Hours 3
Teaching experiences related to K-6 children’s learning of science, with emphasis on teaching strategies that use inquiry approaches. Admission to Teacher Education Program is required.
Prerequisite(s): Admission to Teacher Education Program
Prerequisite(s) with concurrency: CEE 366 and CEE 401 and CEE 478 and CEE 496 and BER 450

CEE320 Survey Elementary Eductn
Hours 3
Surveys elementary education as a professional career. Students become acquainted with factors affecting successful teaching in the elementary school.

CEE365 Literature For Children
Hours 3
Selection and teaching of literature for elementary school children at various developmental levels, according to interests, needs, and abilities. Intensive field experience. Admission to Teacher Education Program is required.
Prerequisite(s): Admission to Teacher Education Program
Prerequisite(s) with concurrency: CEE 370 and CEE 380 and CEE 401 and CEE 495 and KIN 364

CEE366 Teaching Social Sciences
Hours 3
The nature of elementary school 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): Admission to Teacher Education Program
Prerequisite(s) with concurrency: CEE 304 and CEE 401 and CEE 478 and CEE 496 and BER 450

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): Admission to Teacher Education Program
Prerequisite(s) with concurrency: CEE 365 and CEE 380 and CEE 401 and CEE 495 and KIN 364

Writing
CEE380 Teaching Elem Math
Hours 3
Teaching experiences related to children’s developmental learning of elementary 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): Admission to Teacher Education Program
Prerequisite(s) with concurrency: CEE 365 and CEE 370 and CEE 401 and CEE 495 and KIN 364

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 Teach Lang Arts In Elem School
W
Hours 3
Deepening understanding of the materials and methods for teaching of 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): Admission to Teacher Education Program
Prerequisite(s) with concurrency: CEE 304 and CEE 366 and CEE 401 and 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

CEE495 Practicum
Hours 3
Open only to students in professional semester II of the elementary education program. This course offers students significant clinical experience and opportunities to plan and teach lessons. Admission to Teacher Education Program is required.
Prerequisite(s): Admission to Teacher Education Program
Prerequisite(s) with concurrency: CEE 365 and CEE 370 and CEE 380 and CEE 401 and KIN 364

Writing
CIE496 Senior Practicum
Hours 3
A field-based course providing opportunities to practice authentic classroom application of various subject areas in elementary education. Admission to Teacher Education Program is required.
Prerequisite(s): Admission to Teacher Education Program
Prerequisite(s) with concurrency: CEE 304 and CEE 366 and CEE 401 and CEE 478 and BER 450

CIE497 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): Admission to Teacher Education Program. Corequisite: CEE 401

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

CRD369 Foundations of Reading Instruction for Early Childhood and Elementary Children
Hours 3
Introduction to literacy development, instruction, and assessment for elementary school children. Foundational concepts of literacy instruction and best-practice are covered. A field component is required.

CRD400 Teach Readg Diverse Learn K-12
Hours 3
A foundation in the materials and methods for teaching of 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 Accord Sec Sch
Hours 3
The course focuses on evaluating teaching and learning behaviors and on general teaching competencies.
Prerequisite(s) with concurrency: CSE 493

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 CS 102 or CSE 390
Prerequisite(s) with concurrency: MATH 403

Computer Science

CSE406 Curriculm Secondary Math
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. Offered spring semester only. Admission to Teacher Education Program is required.
Prerequisite(s): C- or better in CSE 401 Admission to Teacher Education Program

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 appropriate technologies for the secondary science curriculum. Technologies will include CD-ROM and Internet-based simulations and databases, Web pages and other Internet resources, multimedia presentations, and calculator-based laboratories.
Prerequisite(s): CS 102 OR CSE 390

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): BER 450 and CRD 412 and CSE 489 and CS 102 or CSE 390
Prerequisite(s) with concurrency:
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): None. Corequisite: CSE 489

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. Corequisite: CSE 489

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. Admission to Teacher Education Program is required.
Prerequisite(s): BER 450 and CRD 412 and CSE 489 and CS 102 or CSE 390
Prerequisite(s) with concurrency:
Computer Science, Writing

CSE489 Clinic Exper Second School
C
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): CS 102 OR CSE 390 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.
Prerequisite(s): Admission to Teacher Education Program