CURRICULUM AND INSTRUCTION (MED)

Description

The M.Ed. in curriculum and instruction is offered with three emphasis areas: elementary education, special education, and secondary education. The Secondary emphasis can also be completed with one of four specializations: English education, mathematics education, science education (biology, physics, and chemistry), and social studies education. The Special Education emphasis can also be completed with one of two specializations: special populations or applied behavior analysis. For each program, candidates engage in readings, research, discussions, simulations, reflections, applications, and field experiences/clinical practices intended to help them grow as reflective education professionals.

Minimum Total Credit Hours: 30

Goals/Mission Statement

The philosophy of the Department of Curriculum and Instruction, as it applies to the preparation of teachers, is reflected by the belief that teachers should be prepared to - Develop and engage in appropriate teaching strategies by studying, interacting, practicing, and reflecting; - Collaborate in identifying and meeting the broad range of goals for which schools are responsible in today's society; - Show by modeling and encouraging students the dispositions of leading, thinking, problem solving, and lifelong learning; - Respect and serve culturally diverse populations and communities; and - Assume responsibility for the quality and effectiveness of their professional lives.

Course Requirements

The M.Ed. degree requires 30 semester hours of course work with emphasis in elementary, secondary, or special education.

Specializations

- Emphasis - Elementary Education
- Emphasis - Elementary Education Online
- Emphasis - Secondary Education
  - Specialization - Biology
  - Specialization - Chemistry
  - Specialization - English
  - Specialization - Math
  - Specialization - Physics
  - Specialization - Social Studies
- Emphasis - Special Education
  - Specialization - Appl. Behavior Analysis
  - Specialization - Special Populations

Emphasis - Elementary Education

Description

The M.Ed. program addresses national board standards with special emphasis placed on lifelong learning, research findings, and innovative curricula.

Course Requirements

The M.Ed. in Curriculum and Instruction with an emphasis in elementary education requires the following: professional core courses (9 hours: EDCI 6140 Teachers as Leaders, EDCI 6010 Advanced Learning Theories and Practice, EDCI 6030 Msmt. & Eval. for the Classroom Teacher; specialization area courses (18 hours: EDCI 6310 Differentiated Instruction, EDCI 6040 Theoretical Models& Processes of Reading, EDCI 6050 Exploration& Application of Trends& Curr, EDCI 6060 Comp. Wellness Physical Activity Ele Cla, EDCI 6070 Theory & Practice in Ele Science Ed, EDCI 6080 Curricular Issues in Elementary Mathemat) and 3 hours of Capstone (EDCI 6996A Capstone Research Project). Total hours in the master's program are 30.

Other Academic Requirements

M.Ed. candidates must successfully pass capstone and have a minimum of 45 hours of adviser-approved field experiences.

Emphasis - Secondary Education

Description

The M.Ed. with an emphasis in secondary education can be completed with a specialization in English education, mathematics education, science education, or social studies education. The program addresses national board standards with special emphasis placed on lifelong learning, research findings, and innovative curricula.

Course Requirements

The first option requires students to take a variety of courses within the SOE and at least nine hours of content in the specialization. Each specialization (English, math, social studies, biology, chemistry, and physics) has recommended courses for Option 1.

Other Academic Requirements

M.Ed. candidates must successfully pass capstone and have a minimum of 45 hours of adviser-approved field experiences.

Specialization - Biology

Description

The M.Ed. degree program with an emphasis in secondary education and a specialization in biology is designed for candidates who wish to deepen their knowledge and skills as science educators. The program aims to improve candidate's knowledge of science education concepts and equip them with the necessary skills to become an exceptional teacher. The curriculum utilizes the latest research on how students learn biology and encourages evidence-based approaches for classroom instruction.

Course Requirements

In addition to the professional core courses (i.e., EDCI 6010 Advanced Learning Theories and Practice, EDCI 6030 Msmt. & Eval. for the Classroom Teacher, and EDCI 6140 Teachers as Leaders), the biology specialization offers candidates two options for the remaining 21 hours.

- Option 1 requires the candidate to complete:

Code	Title	Hours
EDCI 6996A	Capstone Research Project	3-6
EDRS 6050	Introduction to Educational Research	3
EDSE 6360	History & Nature of Science	3
EDSE 6460	Advanced Methods of Teaching Science	3

EDSE 6900	Masters Seminar in Secondary Education	3
Graduate-level biology, or related electives, with advisor approval		6

- Option 2 candidates must take EDSE 6460 Advanced Methods of Teaching Science and 18 hours of graduate-level biology to provide an opportunity for future employment at the community college level.

All courses must be approved by the candidate's advisor.

A total of 30 hours are required to complete the M.Ed. in Curriculum and Instructions with an emphasis in secondary education and a specialization in biology.

Other Academic Requirements

All M.Ed. candidates must successfully complete a minimum of 45 hours of advisor approved field experiences and a Capstone project during their final semester. Enrollment in EDCI 6996A Capstone Research Project is optional.

Specialization - Chemistry

Description

The M.Ed. degree program with an emphasis in secondary education and a specialization in chemistry is designed for candidates who wish to deepen their knowledge and skills as science educators. The program aims to improve candidate's knowledge of science education concepts and equip them with the necessary skills to become an exceptional teacher. The curriculum utilizes the latest research on how students learn chemistry and encourages evidence-based approaches for classroom instruction.

Course Requirements

In addition to the professional core courses (i.e., EDCI 6010 Advanced Learning Theories and Practice, EDCI 6030 Msmt. & Eval. for the Classroom Teacher, and EDCI 6140 Teachers as Leaders), the physics specialization offers candidates two options for the remaining 21 hours.

- Option 1 requires the candidate to complete:

Code	Title	Hours
EDCI 6996A	Capstone Research Project	3-6
EDRS 6050	Introduction to Educational Research	3
EDSE 6360	History & Nature of Science	3
EDSE 6460	Advanced Methods of Teaching Science	3
EDSE 6900	Masters Seminar in Secondary Education	3
Graduate-level chemistry, or related electives, with advisor approval		6

- Option 2 candidates must take EDSE 6460 Advanced Methods of Teaching Science and 18 hours of graduate-level chemistry to provide an opportunity for future employment at the community college level.

All courses must be approved by the candidate's advisor.

A total of 30 hours are required to complete the M.Ed. in Curriculum and Instructions with an emphasis in secondary education and a specialization in chemistry.

Other Academic Requirements

All M.Ed. candidates must successfully complete a minimum of 45 hours of advisor approved field experiences and a Capstone project during their final semester. Enrollment in EDCI 6996A Capstone Research Project is optional.

Specialization - English

Description

The M.Ed. degree program with an emphasis in secondary education and a specialization in English is designed for candidates who wish to deepen their knowledge and skills as English educators. The program aims to improve candidate's knowledge of English education concepts and equip them with the necessary skills to become an exceptional teacher. The curriculum utilizes the latest research on how students learn English and encourages evidence-based approaches for classroom instruction.

Course Requirements

In addition to the professional core courses (i.e., EDCI 6010 Advanced Learning Theories and Practice, EDCI 6030 Msmt. & Eval. for the Classroom Teacher, and EDCI 6140 Teachers as Leaders), the English specialization offers candidates two options for the remaining 21 hours.

- Option 1 requires the candidate to complete:

Code	Title	Hours
EDCI 6996A	Capstone Research Project	3-6
EDSE 6420	Advanced Methods of Teaching English	3
EDSE 6550	Trends in Young Adult Literature	3
EDSE 6900	Masters Seminar in Secondary Education	3
Graduate-level English or other elective courses		9

- Option 2 candidates must take EDSE 6420 Advanced Methods of Teaching English and 18 hours of graduate-level English opportunity for future employment at the community college level.

All courses must be approved by the candidate's advisor.

A total of 30 hours are required to complete the M.Ed. in Curriculum and Instructions with an emphasis in secondary education and a specialization in English.

Other Academic Requirements

All M.Ed. candidates must successfully complete a minimum of 45 hours of advisor approved field experiences and Capstone project during their final semester. Enrollment in EDCI 6996A Capstone Research Project is optional.

Specialization - Math

Description

The M.Ed. degree program with an emphasis in secondary education and a specialization in math is designed for candidates who wish to deepen their knowledge and skills as math educators. The program aims to improve candidate's knowledge of math education concepts and equip them with the necessary skills to become an exceptional teacher. The curriculum utilizes the latest research on how students learn math and encourages evidence-based approaches for classroom instruction.

Course Requirements

In addition to the professional core courses (i.e., EDCI 6010 Advanced Learning Theories and Practice, EDCI 6030 Msmt. & Eval. for the Classroom Teacher, and EDCI 6140 Teachers as Leaders), the math specialization offers candidates two options for the remaining 21 hours.

- Option 1 requires the candidate to complete:

Code	Title	Hours
EDCI 6996A	Capstone Research Project	3-6
EDSE 6450	Advanced Meth. of Teaching Mathematics	3
EDCI 6080	Curricular Issues in Elementary Mathemat	3
EDSE 6260	Trends Teaching & Learning of Sec Math	3
EDRS 6050	Introduction to Educational Research	3
Select 12 hours of graduate level mathematics credit chosen from:		12

- Option 2 candidates must take EDSE 6450 Advanced Meth. of Teaching Mathematics and EDSE 6260 Trends Teaching & Learning of Sec Math with 15 hours of graduate-level math to provide an opportunity for future employment at the community college level.

All courses must be approved by the candidate's advisor.

A total of 30 hours are required to complete the M.Ed. in Curriculum and Instructions with an emphasis in secondary education and a specialization in math.

Other Academic Requirements

All M.Ed. candidates must successfully complete a minimum of 45 hours of advisor approved field experiences and a Capstone project during their final semester. Enrollment in EDCI 6996A Capstone Research Project is optional.

Specialization - Physics

Description

The M.Ed. degree program with an emphasis in secondary education and a specialization in physics is designed for candidates who wish to deepen their knowledge and skills as science educators. The program aims to improve candidate's knowledge of science education concepts and equip them with the necessary skills to become an exceptional teacher. The curriculum utilizes the latest research on how students learn physics and encourages evidence-based approaches for classroom instruction.

Course Requirements

In addition to the professional core courses (i.e., EDCI 6010 Advanced Learning Theories and Practice, EDCI 6030 Msmt. & Eval. for the Classroom Teacher, and EDCI 6140 Teachers as Leaders), the physics specialization offers candidates two options for the remaining 21 hours.

- Option 1 requires the candidate to complete:

Code	Title	Hours
EDCI 6996A	Capstone Research Project	3-6
EDRS 6050	Introduction to Educational Research	3
EDSE 6360	History & Nature of Science	3
EDSE 6460	Advanced Methods of Teaching Science	3
EDSE 6900	Masters Seminar in Secondary Education	3
Graduate-level physics, or related electives, with advisor approval		6

- Option 2 candidates must take EDSE 6460 Advanced Methods of Teaching Science and 18 hours of graduate-level physics to provide an opportunity for future employment at the community college level.

All courses must be approved by the candidate's advisor.

A total of 30 hours are required to complete the M.Ed. in Curriculum and Instructions with an emphasis in secondary education and a specialization in physics.

Other Academic Requirements

All M.Ed. candidates must successfully complete a minimum of 45 hours of advisor approved field experiences and a Capstone project during their final semester. Enrollment in EDCI 6996A Capstone Research Project is optional.

Specialization - Social Studies

Description

The M.Ed. degree program with an emphasis in secondary education and a specialization in social studies is designed for candidates who wish to deepen their knowledge and skills as social studies educators. The program aims to improve candidate's knowledge of social studies education concepts and equip them with the necessary skills to become an exceptional teacher. The curriculum utilizes the latest research on how students learn social studies and encourages evidence-based approaches for classroom instruction.

Course Requirements

In addition to the professional core courses (i.e., EDCI 6010 Advanced Learning Theories and Practice, EDCI 6030 Msmt. & Eval. for the Classroom Teacher, EDRS 6050 Introduction to Educational Researchand EDCI 6140 Teachers as Leaders), the social studies specialization offers candidates two options for the remaining 21 hours.

- Option 1 requires the candidate to complete:

Code	Title	Hours
EDCI 6996A	Capstone Research Project	3-6
EDSE 6470	Adv. Methods of Teaching Social Studies	3
EDCI 6999A	Special Topics in Geographic Education	3-6
EDCI 6480	Geographic Education in the Schools	3-6
Graduate-level hours approved by the advisor		9

- Option 2 candidates must take EDSE 6470 Adv. Methods of Teaching Social Studies and 18 hours of graduate-level social studies to provide an opportunity for future employment at the community college level.

All courses must be approved by the candidate's advisor.

A total of 30 hours are required to complete the M.Ed. in Curriculum and Instructions with an emphasis in secondary education and a specialization in social studies.

Other Academic Requirements

All M.Ed. candidates must successfully complete a minimum of 45 hours of advisor approved field experiences and a Capstone project during their final semester. Enrollment in EDCI 6996A Capstone Research Project is optional.

Emphasis - Special Education

Description

The M.Ed. with an emphasis in special education addresses national board standards with special emphasis placed on lifelong learning, research findings, and innovative curricula.

Other Academic Requirements

M.Ed. candidates must successfully pass capstone and have a minimum of 45 hours of adviser-approved field experiences.

Specialization - Appl. Behavior Analysis

Description

The student is required to complete 27 hours of specialization courses (EDSP 6800 Applied Behavior Analysis & Management, EDBA 6030 Single Case Experimental Design, EDBA 6020 Advanced Applied Behavior Analysis, EDBA 6100 Practicum Experience in Applied Behavior, EDBA 6040 Applied Behavior Analysis Methods & Asse, EDBA 6050 Applied Behavior Analysis Methods & Inte, EDBA 6060 Ethics in Applied Behavior Analysis, EDBA 6070 Supervision and Training in Applied Beha) and 3 hours of the Capstone Research Project (EDCI 6996A Capstone Research Project).

Specialization - Special Populations

Description

The student is required to complete 9 hours of Professional Core Courses (EDCI 6140 Teachers as Leaders, EDCI 6030 Msmt. & Eval. for the Classroom Teacher, EDCI 6010 Advanced Learning Theories and Practice, 18 hours of Specialization courses (Gifted, EMD, Special Populations) as approved by adviser and 3 hours of Capstone Research Project (EDCI 6996A Capstone Research Project).

Other Academic Requirements

Candidates who are conditionally admitted or who elect to enroll as nondegree-seeking students may take only 9 hours and are NOT eligible for financial aid.

Admission Requirements

- An undergraduate degree with a 3.0 GPA on the last 60 hours of their coursework.
- A teaching license OR the results from a national standardized achievement/aptitude test predictive of the ability to complete a graduate program successfully. These may include but aren't limited to: a passing score on the Praxis II Content Field or on the Praxis II PLT, or a competitive GRE score (all sections), or a valid teaching license.