

# Master of Education in Elementary Education

## Course Listing & Catalog Descriptions

### Core Courses (10 semester hours)

**EDFN 5010            Interdisciplinary Seminar (1 hr)**

This course is required of all M. Ed. candidates in the College of Education. Current topics pertaining to the profession of education will be presented by local, state, regional, and national authorities. Issues that directly impact education such as political, economic, legal, sociological, health, and psychological will be discussed.

**EDFN 5950            Methods of Research (3 hr)**

This course includes the study of research as an approach to problem solving, methods of conducting qualitative and quantitative research, research designs, statistics used in experimental and descriptive research, principles of research interpretation, and the effective communication of research results. The course includes the preparation of a research prospectus or action research plan.

**CUAI 5199            Teaching in a Diverse Society (3 hr)**

Through a broadening of the students' knowledge base on issues related to diversity, this course will prepare teachers for the changing demographics of U. S. society. The course will examine and synthesize theories of teaching and how they can be applied to diverse student populations. This course will enable students to become effective action researchers.

**MEDA 5400            Integrating Technology in Teaching and Learning (3 hr)**

Foundations of instructional technology appropriate to educational applications, including computers, other related media, and instructional design. Stresses knowledge, skills, and attitudes needed to implement and manage technology in educational environments. Hands-on experience is provided through the course laboratory. Students plan, implement, and evaluate educational technology for use in education.

### Professional Development Courses (21 semester hours)

**CUAI 5440            Elementary Curriculum and Assessment (3 hr)**

This course is designed to investigate issues and trends related to curriculum development and assessment in grades K-6. Students examine the structure, development, and changing nature of the K-6 curricula and examine the role of assessment as it supports teaching and learning.

**READ 5120            Teaching Reading (3 hr)**

Current methods and theories of teaching: phonics, other word recognition and analysis skills, comprehension.

**READ 5750            Literacy Instruction in Linguistically Diverse Classrooms (3 hr)**

This course is designed for classroom teachers who wish to supply extra support to English Language Learners (ELL) and to native English speaking students who lack optimal academic language proficiency and facilitation of content learning through informed literacy curriculum and methodology.

**READ 5027            Diagnostic and Remedial Procedures in Reading (3 hr)**

Emphasis on case study procedure; direct contact with children in diagnostic situations; formal and informal procedures for diagnosing reading skills, abilities, and aptitudes; methods and materials for the correction or improvement of diagnosed reading difficulties.

**CUAI 5116            Elementary School Mathematics (3 hr)**

This course is designed to integrate research on the teaching and learning of elementary school mathematics and to address current issues and topics in grades K-6. Students will be required to design an action research project for this course.

**CUAI 5119            Elementary School Science (3 hr)**

This course provides elementary teachers (K-6) with innovative approaches to organizing, teaching, and assessing science learning. Emphasis is placed on understanding how students learn science and exploring strategies that enable students to have successful learning experiences.

**CUAI 5121            Elementary School Social Studies (3 hr)**

This course is designed to investigate the current trends and issues that affect methodology and content in a social studies curriculum.

### Elective Content Courses (6 semester hours, some room to modify)

**MEDA 5628            Children's Materials (3 hr)**

This course deals with the analysis, evaluation, and use of library media for children. It strives to relate these media to the needs and interests of children as well as to the school curriculum.

**CUAI 5407            Integrating the Creative Arts K-8 (3 hr)**

Strategies for promoting the creative processes in children K-8 will be studied. Areas of focus will include visual arts, music, dance, and theatre. The importance of the arts in the development of children and their capacity for expression will be emphasized. The arts will lead to interdisciplinary study with authentic connections among and across other disciplines.

**Total Program:        37 semester hours**