

# EDM - Education Methods

## **EDM 302R Methods: K-8 Social Studies: 3 Credits (3 Lec)**

PREREQUISITE: EDU 382. This course will acquaint you with the current theory and practice of social studies education in grades K-8. The course focuses on preparing you to assume responsibilities as responsive teachers, effective curriculum developers, and informed professionals who can contribute to local, state, and national dialogues regarding social studies education

## **EDM 401 Methods: 5-12 English: 3 Credits (3 Lec)**

PREREQUISITES: EDU 382, 20 or more credits in subject area, and good standing in the Teacher Education Program

This course will explore the practical application of English teaching pedagogies. The course focuses on the construction of classroom curriculum and then uses that focus on curriculum to generate discussions and readings about classroom structure and management, school law, and the art and practice of teaching, itself.

## **EDM 402 Methods: 5-12 Social Studies: 3 Credits (3 Lec)**

PREREQUISITE: EDU 382. (F, Sp) Requires completion of 20 or more credits in subject area and good standing in the Teacher Education Program. This course will acquaint students with the current theory and practice of social studies education in grades 5-12. The course focuses on preparing you to assume responsibilities as responsive teachers, effective curriculum developers, and informed professionals who can contribute to local, state, and national dialogues regarding social studies education

## **EDM 403 Methods: 5-12 Science: 3 Credits (3 Lec)**

PREREQUISITE: EDU 382, 20 or more credits in subject area, and good standing in the Teacher Education Program

Major themes such as constructivism, learning theory, science process skills, structure of scientific disciplines, assessment, lab safety and computer applications will be presented throughout the course.

## **EDM 404 Methods: 5-8 Mathematics: 3 Credits (3 Lec)**

PREREQUISITE: EDU 382; M 234 or M 242; junior standing. Effective techniques in presenting materials, planning class activities, and creating good learning experiences. Methods of teaching and evaluating arithmetic, remedial mathematics, basic geometry, introductory algebra, and reading/writing mathematics

## **EDM 405 Methods: 9-12 Mathematics: 3 Credits (3 Lec)**

PREREQUISITE: EDU 382, 20 or more credits in subject area, and good standing in the Teacher Education Program. The course focuses on effective techniques in presenting materials and planning class activities (including lesson/unit). Methods of teaching and evaluating algebra, geometry, trigonometry, probability/statistics; application of current mathematics education research and reading in the content area of mathematics. Includes practicum experience

## **EDM 406 Methods: 5-12 Health Enhancement: 3 Credits (2 Lec, 1 Lab)**

PREREQUISITES: EDU 382, 20 or more credits in subject area, and good standing in the Teacher Education Program

The purpose of this course is to equip future health enhancement teachers with the knowledge and skills to plan, organize and conduct a quality physical education program for children in grades 5-12. Students will be provided background knowledge about physical education content, skill themes and movement concepts, how to teach skill themes and movement concepts, and fitness concepts. Students will be given extended time to observe teachers and practice their own teaching in a health enhancement classroom under the guidance of the instructor and an experienced public-school physical education teacher. 25-30 hours of field experience in a secondary PE setting.

## **EDM 408 Methods: 5-12 Art: 3 Credits (3 Lec)**

PREREQUISITES: EDU 382, 20 or more credits in subject area, and good standing in the Teacher Education Program

This course emphasizes the teacher-artist as the essential resource for art experiences in schools. Readings and written assignments explore curriculum content and program implementation, learner diversity, media resources, art content reading, lesson/unit planning and evaluation issues in 5-12 art education.

## **EDM 410 Methods: K-12 Modern Language: 4 Credits (4 Lec)**

PREREQUISITES: EDU 382, 20 or more credits in subject area, and good standing in the Teacher Education Program

The aim of this course is to provide both the practical and theoretical tools necessary to deliver and assess relevant, standards-based, Common Core related, world language lessons.

## **EDM 411 Methods 5-12 Ag & Tech Ed: 3 Credits (3 Lec)**

PREREQUISITES: EDU 382, 20 or more credits in subject area, and good standing in the Teacher Education Program

Students learn best practices for teaching in their content area through research based instructional strategies, methods for teaching and evaluating, and curriculum design and planning. A combination of instructor and peer-reviewed mini-lessons, class discussions, interactive presentations and other exemplary teaching models form the core of instruction for this course. Students will build skill and confidence in planning, instruction, and assessment.

## **EDM 412 Methods: 5-12 Family Consumer Science: 3 Credits (3 Lec)**

PREREQUISITES: EDU 382, 20 or more credits in subject area, and good standing in the Teacher Education Program

This course will address the application of theories of learning and human development in selecting teaching strategies and instructional resources for each of the 16 National FCS Content Areas. This course will include syllabi, unit and lesson planning, laboratory management, and assessment. In addition, the course emphasizes the integration of FCCLA into the FCS classroom.

## **EDM 413 Methods: K-8 Language Arts: 3 Credits (3 Lec)**

PREREQUISITE: EDU 330, EDU 382 and good standing in Teacher Education Program. (F, Sp) This course will acquaint you with the current theory and practice of English Language Arts (ELA) education in grades K-8. The course focuses on preparing you to assume responsibilities as responsive teachers and informed professionals who can contribute to dialogues regarding K-8 ELA education. This course provides instruction in best practices for teacher candidates which links current theory and practice of literacy instruction in grades K-8. Through experiential learning, students will explore methods and approaches to teaching ELA

## **EDM 414R Methods: K-8 Social Studies: 3 Credits (3 Lec)**

PREREQUISITE: EDU 382. (F, Sp) This course will acquaint you with the current theory and practice of social studies education in grades K-8.

The course focuses on preparing you to assume responsibilities as responsive teachers, effective curriculum developers, and informed professionals who can contribute to local, state, and national dialogues regarding social studies education

## **EDM 415 Methods: K-8 Science: 3 Credits (3 Lec)**

PREREQUISITE: EDU 382, completion of 3 required science courses and good standing in Teacher Education Program. (F, Sp) Includes content and pedagogy in teaching science in the elementary school classroom. Employs inquiry-based, experiential, hands-on teaching and learning strategies

**EDM 416 Methods: K-8 Math: 3 Credits (3 Lec)**

PREREQUISITE: EDU 382, M 234, and good standing in the Teacher Education Program. (F, Sp) This course focuses on mathematics and mathematics teaching methods in the K-8 classroom. Topics include (1) school mathematics content areas, (2) mathematical processes and strands of mathematical proficiency, (3) Common Core State Standards for Mathematics (CCSSM)/Montana Common Core Standards for Mathematics (MCCSM), (4) mathematics diagnosis and correction, and (5) technology integration

**EDM 417 Methods: K-4 Health Enhancement: 3 Credits (2 Lec, 1 Lab)**

(F, Sp) Requires 20 or more credits in subject area and good standing in the Teacher Education Program. The purpose of this course is to equip future health enhancement teachers with the knowledge and skills to plan, organize and conduct a quality physical education program for children in grades pre-K-4. Students will be provided background knowledge about physical education content, skill themes and movement concepts, how to teach skill themes and movement concepts, and fitness concepts. Students will be given extended time to observe teachers and practice their own teaching in a health enhancement classroom under the guidance of the instructor and an experienced public-school physical education teacher. 25-30 hrs of field experience in an elementary PE setting.

**EDM 418 Methods: K-8 Health Enhancement: 3 Credits (3 Lec)**

(F, Sp) Good standing in Teacher Education Program. Students will explore the methods of teaching content, skills and attitudes in the K-8 health enhancement classroom. Students will become acquainted with current practices and theory of both physical education and health education.

**EDM 419 Methods: K-4 Art: 3 Credits (3 Lec)**

PREREQUISITE: EDU 382. (F, Sp) Requires 20 or more credits in subject area, and good standing in the Teacher Education Program. This course includes experiences that enhance your understanding of how children engage in artistic processes, learn about the historical aspects of art and construct their place in a social world. You will explore these concerns through studio experiences, readings, discussions, teaching, written reports as well as locating and gathering resources for teaching visual arts in elementary schools

**EDM 420 Methods: K-8 Creative Arts: 3 Credits (3 Lec)**

PREREQUISITE: EDU 382. (F, Sp) Also requires completion of IA core or RA core; and good standing in the Teacher Education Program. This course explores the elements of the creative arts within an elementary classroom. Students will explore how dance, drama, music and the visual arts (creative arts) provide ways of learning and inquiry. It is designed to provide students with creative arts content, skills and understandings that they will use to guide their creative endeavors as lifelong learners and teachers of lifelong learners. Students will review theoretical aspects and the origins of creative processes that explain how we explore, inquire and document human experience