



## *Courses in College of Education*

### **EDUCATIONAL FOUNDATIONS COURSES**

**(420, 422, 423, 424, 426, 428)**

#### **FOUNDATIONS COURSES (420)**

##### **420-70 (437-703) The Modern High School -- 3 cr**

The Modern High School is a class that examines the role of the high school in today's society. It looks at changes in structures, curriculum, support programs and instructional techniques as well as their philosophical and theoretical foundations.

##### **420-709 Foundations Seminar: Reflections On Education And Teaching -- 3 cr**

This course will explore literature in the area of educational foundations to help students examine and formulate their personal philosophy of education. The relation between philosophy of education and everyday teaching practices will be emphasized.

##### **420-710 Education In A Pluralistic Society -- 3 cr**

An examination of the sociohistorical, political, and philosophic forces which influence the institution of schooling in the United States. Particular attention will be focused on the role of the school and the teacher specific to a pluralistic society.

Prereq: Pass two portions of PPST or Professional Ed admission or consent of department.

##### **420-723 (430-723) Seminar: Issues And Perspectives In American Education -- 3 cr**

This course is designed to help students identify, comprehend and develop strategies to resolve current critical issues and problems in American Education. This course is appropriate for students seeking an introduction to graduate study in education as well as for anyone interested in a survey of current educational issues with an in-depth exploration of selected issues.

Unreq: 430-723.

##### **420-745 (430-745) The Middle School -- 3 cr**

Through the use of lecture, large and small group discussions, and research, students will achieve greater mastery in the following general areas:

1. The rationale of the middle school
2. The middle school child
3. The curriculum of the middle school

4. The instructional strategies of the middle school  
Unreq: 430-745.

**420-760 Comparative Education In Overseas Fieldwork -- 1-6 cr**

This course is designed to provide experienced teachers and others with the opportunity to study comparative education in overseas schools or other educational agencies. This is an individualized program, including the opportunities to travel, meet, and work with professional educators in countries around the world. Repeatable for a maximum of 6 credits in major/degree. Repeatable in another country.

Prereq: Consent of instructor.

**LIBRARY MEDIA (422)**

**422-543 Adolescent Literature And Related Media -- 3 cr**

Designed primarily to acquaint the student with books and nonprint media which appeal to the adolescent interest. Emphasis will be placed on adolescent human growth and development, reading interests and principles of selection.

**422-550 Reference And Bibliography -- 3 cr**

Basic reference theory and the strategies and tools useful in manual and electronic reference service.

**422-551 Building Media Collections -- 3 cr**

Principles of building and managing collections for all types of libraries. Study of tools used in selection and assuring access to information. Emphasis will be placed on supporting intellectual freedom.

**422-634 Instructional Technology -- 3 cr**

An introduction to instructional technology as it relates to present and future curriculum objectives. Basic techniques for operating traditional and computer enhanced audiovisual equipment, and producing graphic, projected and electronic media are developed, including simple use of video systems, desktop publishing and hypermedia for the classroom and media center.

Prereq: Junior standing or above.

**422-638 Teaching and Learning via Video Across Distances -- 3 cr**

As our technological capabilities grow, education is no longer bounded by the four walls of the classroom. We can now connect students, teachers, and experts around the state and across the world. With these new capabilities arise the question as how to best enhance learning when students, teachers, and resources may be widely dispersed geographically in distributed learning environments. This class will introduce you to the strategies and technologies of distance education from creating and editing videotapes usable in many locations to connecting learners via two-way interactive video conferencing systems.

**422-640 Developing Library/Media Skills -- 3 cr**

This course is designed to support development of effective information and technology literacy skills in library users and integration of those skills into the curriculum.

**422-641 Computer Applications In The Library And Media Center -- 3 cr**

This course prepares students to identify, critically select and use available library hardware and software through the process of analysis of needs, design and evaluation of currently available systems and services.

Prereq: 422-434/634 or consent of instructor.

**422-651 Classification And Cataloging -- 3 cr**

Introduction to the organization of information. Study of the principles governing basic methods of descriptive cataloging and intellectual access to print, nonprint and electronic materials and information sources. Emphasis is on the Dewey Decimal Classification, MARC records, electronic tools, Sears subject headings and metadata.

**422-654 Library And Media Center Administration -- 3 cr**

Organization and administration of libraries and school media centers. Includes the study of library objectives and theory and practice of acquiring, processing, disseminating, housing, and accessing all types of educational materials. Emphasis is on planning, leadership and the changing roles and responsibilities of the library media professional.

**422-715 Current Trends In K-12 Literature And Related Media -- 3 cr**

This course offers an opportunity to examine selections from contemporary media. It considers the viewpoints of students as well as teachers and bibliographers of the current literature for young people. Emphasis is on the issues and strategies that affect collection management and utilization.

Prereq: Previous course in the field, educational experience or consent of the instructor.

**422-751 Administration Of Educational Media Programs 3 cr**

This course addresses the competencies needed by those seeking to become district library, media and technology coordinators. Students will consider administrative issues, policies and practices pertinent to operation of effective information, media and technology programs in schools. These include such aspects as: the development of a vision that supports the overall objectives of schools; leadership and group dynamics; long-range planning; facilities and services; staff development; fiscal management; the selection, distribution and coordination of resources; and the role of professional organizations and state agencies.

**422-754 Advanced Design And Production Of Instructional Materials 3 cr**

Designed to develop advanced skills in the production of graphic, multimedia and textual materials in electronic and print environments. Students will expand their skills in desktop and electronic communications and publishing for the classroom and library.

**422-755 Hypermedia In School Library Media And Technology Programs -- 3 cr**

The most significant aspect of digital multimedia is that it is potentially interactive,

integrative and nonlinear. This course will address the changing structure of information and the technologies and systems for its access. It will prepare participants to evaluate, acquire and use hypermedia products and to consider the ways in which they support different approaches to learning. Emphasis is on the ways in which hypermedia can support different learning styles, innovative curricula and information power for students. The course combines theoretical discussion with hands-on project work.  
Prereq: 422-434/634 or consent of instructor.

**422-756 Information, Virtual Libraries And The Internet -- 3 cr**

Students will address the practical, intellectual and societal issues associated with the change from physical to virtual libraries. They will learn to use equipment, software, and strategies to find, evaluate, organize, provide access to, and disseminate textual, audio, graphical and video information.

**EDUCATIONAL PSYCHOLOGY AND DEVELOPMENT (423)**

**423-522 Preschool Child Development -- 3 cr**

A study of theory and principles of development and learning from conception to age eight; techniques of observing and the role of play in development.  
Prereq: Restricted to students with Professional Ed admission.

**423-664 Educational Methods Of Teaching For Thinking -- 3 cr**

This course is intended to raise awareness of the variety of models, and strategies available for enhancing student creative thinking. Focus will be on the development of skills and applications of models and techniques. Demonstrations of applications and processes in teaching classroom content will be available. Skills to be stressed include higher-order thinking, divergent-production, strategic reasoning, and problem solving. Emphasis is on their use in teaching the regular curriculum.

**423-665 The Educational Psychology Of Critical Thinking Skills -- 3 cr**

This course focuses on the teaching/learning strategies which facilitate critical thinking within the classroom. The cognitive psychology underlying the processes is studied along with relevant research findings. Critical thinking processes which are explored include deductive and inductive reasoning, questioning, problem solving and decision making. Emphasis is on the integration of thinking skills and classroom content.

**423-674 Increasing Student Motivation To Learn -- 3 cr**

This course is designed to help educators gain an understanding of the cognitive, and emotional needs of students, analyze educational practices that may undermine the fulfillment of these needs in traditional classrooms, and explore structural changes and instructional strategies that support the needs of all students, thereby increasing their motivation to learn in school.  
Prereq: Restricted to students with Professional Ed admission.

**423-678 Adolescent Development -- 3 cr**

Adolescent Development acquaints students with the major theories related to adolescent

development and helps students interpret the theories in ways which are meaningful in understanding and working with adolescents. Focus is on the changes of adolescence with special attention given to the biological, cognitive, social and emotional systems. Prereq: Pass two portions of PPST or Professional Ed admission or consent of department.

**423-681 Human Abilities And Learning -- 3 cr**

This course is designed to help educators comprehend and apply the fundamental psychological principles underlying the teaching-learning process. Among the areas considered are motivation, classroom management, instructional applications, individual differences and creativity.

Prereq: Pass two portions of PPST or Professional Ed admission or consent of department.

**423-683 Teaching Strategies -- 3 cr**

This course is designed to assist teachers at all levels to develop a variety of teaching strategies for use in the classroom.

**423-752 Instructional Design -- 3 cr**

Working cooperatively, and using specific Wisconsin schools as case studies, students will design classroom experiences for implementing modern curricula using appropriate technology.

Prereq: 422-434/634 or equivalent.

**423-763 Educational Psychology Of Teaching The Gifted:**

**Alternative Learning Approaches For The Gifted -- 3 cr**

This course will explore the psychological rationale of educational approaches which allow high ability students to learn faster and in greater depth. The course includes a comprehensive review of theories and models related to learning and motivational characteristics and needs of gifted learners, and of the research base underlying the applications of those theories and models.

Prereq: 480-426/626 or consent of instructor.

**423-764 Educational Psychology Of The Gifted:**

**The Development Of Educational Programs For The Gifted -- 3 cr**

This course will focus on program models (K-12), best practices, developmental and differentiated curriculum programs, and program advocacy. The Wisconsin Gifted Education Model, a generalized model meeting the needs of diverse learners in a school system, will be highlighted. The course is intended for program coordinators, classroom teachers, counselors, and administrators.

**MEASUREMENT AND RESEARCH (424)**

**424-624 Measurement And Evaluation In The Elementary School -- 3 cr**

This class is designed for special education, communicative disorders, and elementary education majors. It includes testing, measurement, and evaluation of student progress in

multiple contexts. Teacher testing, assessment, and decision making in the school environments are emphasized as well as examining traditional and performance assessment strategies. Basic statistical procedures, the use and interpretation of standardized tests, appropriate use of non-testing techniques are covered as well as various grading and reporting systems.

Prereq: Restricted to students with Professional Ed admission.

#### **424-625 Measurement And Evaluation In The Secondary School -- 3 cr**

This class is designed for special education, communicative disorders, and secondary education majors. It includes testing, measurement, and evaluation of student progress in multiple contexts and subject areas. Teacher testing, assessment, and decision making in the school environments are emphasized as well as examining traditional and performance assessment strategies. Basic statistical procedures, the use and interpretation of standard tests, appropriate use of non-testing techniques are covered as well as various grading and reporting systems specific to the secondary school setting.

Prereq: Restricted to students with professional ed admission.

#### **424-682 Educational Statistics -- 3 cr**

This course is designed for students at the senior or graduate level who will find it necessary to be an educated consumer of statistical information. This is designed to be a first course on this topic. Major areas of study include gathering/organizing data, probability, inferential techniques (t-test, ANOVA, follow-up tests, correlation, and regression), nonparametric techniques (chi-square test), and single subject designs.

#### **424-740 Techniques Of Research -- 3 cr**

A basic course in the methods of research in education, including a study of the literature and techniques of research, the planning of a research paper, the basic types of research and design; a brief introduction to the statistics used in research; and the elements included in program evaluation.

Prereq: Restricted to students with Curric: MS-Couns-Guid and/or MSE Special Education.

### **SPECIAL STUDIES (426)**

**426-690 Workshop -- 1-6 cr**

**426-696 Special Studies -- 1-3 cr**

**426-790 Workshop -- 1-6 cr**

**426-794 Seminar -- 1-3 cr**

**426-798 Individual Studies -- 1-3 cr**

**426-799 Thesis Research -- 1-6 cr**

Students must complete a Thesis Proposal Form in the Graduate Studies Office before registering for this course.

**HUMANISTIC STUDIES (428)**

**428-672 Models Of Accelerated Classroom Learning -- 3 cr**

This course is intended to instruct teachers how to use the latest “whole brain” learning theories and techniques in the classroom. It will employ accelerated learning, whole brain instruction, positive and holographic learning.

**428-675 Understanding And Dealing With Disruptive Classroom Behavior -- 3 cr**

Designed to give students an opportunity to discuss the various theoretical approaches to handling disruptive behavior in the classroom and to apply these approaches to actual problem situations. Emphasis will also be placed on the prevention of behavior problems through the development of effective classroom procedures. Recommended for all Education majors.

**FIELD PRACTICUM (429)**

**429-793 Supervised Practicum -- 1-6 cr**

Prereq: Graduate status, application and interview, completion of 9 credits at UW-Whitewater, and designated curriculum check sheet requirements. (Not to be used for first-time certification.)