



## College of Education Offerings

### *CURRICULUM AND INSTRUCTION COURSES*

(430, 432, 433, 434, 436, 437, 439)

#### ***ELEMENTARY EDUCATION (430)***

##### **430-550 (437-550) Introduction To Multicultural Education -- 3 cr**

History, philosophy and rationale for bilingual/ bicultural education. A study of different models of bilingual education programs as well as different types of bilinguals. Cultural, socioeconomic and psychological factors influencing learning in the bilingual child.

Unreq: 437-350/550.

##### **430-635 (437-635) Language Acquisition For The Bilingual Child -- 3 cr**

An examination of the process involved in the acquisition of a first and second language and the implications this has for the curriculum and language instruction in the bilingual school. Special emphasis on stages of language development; the role of adult models, teachers, and environment in language learning; social classes and differences in language development; dialect differences and language development; etc.

Unreq: 437-435/635.

##### **430-655 (437-655) Teaching Content In The Bilingual Classroom -- 3 cr**

An examination of various techniques and materials being used to teach subject matter in bilingual programs with emphasis on Spanish materials. Other topics of discussion are: language assessment and adoption of materials to the learner's language proficiency and cultural experience. Course will be taught in English and Spanish, so that students may have the opportunity of expanding their command of the other language being used as a medium of instruction.

Unreq: 437-455/655.

##### **430-676 Current Topics In Instructional Computing -- 3 cr**

A topic or topics not otherwise accounted for in other computer education courses will be chosen as the focus of each course. For instance, the use of multimedia in the schools could be one suggested topic. Each topic would be explored in a variety of ways: 1) what does the current research say about the topic?, 2) what potential impact can this technology have in the schools?, 3) are there special hardware, software, personnel, or other requirements necessary for successful implementation of this topic in the schools?.

4) what potential does this topic have for integration into the curriculum?, 5) whenever possible, a hands-on experience with the topic will be part of the overall experience. This would be possible if the topic involved a particular computer application.

#### **430-677 Telecommunications For Educators -- 3 cr**

In this course, participants will have the opportunity to explore ways in which telecommunications can be used to enhance classroom instruction. A number of online information sources for education will be explored including the Internet, Consortium for School Networking (CoSn), Learning Link, School Net (SCHLnet), FrMail, Prodigy, Scholastic Online, Delphi, American Online, and other specialized services. An overview of ways that telecommunications can be used in various curricular areas such as Language Arts, Math, Science, Social Studies, Music, Art, Foreign Language, etc. will be presented. A large portion of the course will be done online with participants completing assignments and exchanging information using e-mail. Class members will do a telecommunications project of their choice as a culminating activity. It should be noted that this course will look at only one aspect of telecommunications--those activities which use computers and modems.

Prereq: Class members should have previous experience with computers and 430-752 or consent of instructor.

#### **430-689 (480-689) Employment Strategies -- 1 cr**

Designed to acquaint the teacher education student with the problems and procedures of securing a teaching position. Includes consideration of professional ethics, preparation of placement credentials, teacher certification practices, interviewing techniques and teaching contracts. Reviews opportunities for professional advancement through graduate study. (Open to teacher education students. Should be taken the semester prior to graduation or the semester of graduation.)

Unreq: 480-489/689.

#### **430-710 Seminar: Current Topics In Curriculum And Instruction -- 3 cr**

An in-depth examination of a single current topic of interest to teachers in grades 6-12. Topics will vary from semester to semester, and may include, for example, national curriculum standards for school subjects, writing across the curriculum, cooperative learning in a specific subject, the school-to-work transition, or instruction on specific themes such as the environment or communication. Repeatable for credit.

#### **430-716 Integrating Software And Technology Into The Reading And Early Childhood Curriculum -- 3 cr**

This course introduces teachers to the evaluation of software, and to the integration of software into the reading and early childhood curriculum.

#### **430-717 Reflective Practice And Action Research -- 3 cr**

The course assists teachers in planning, organizing, implementing, and assessing inquiry-related strategies appropriate for their classrooms. Participants will investigate current issues by way of Action Research, ethnographic, symbolic interaction, and qualitative inquiry techniques. Projects will be conducted that relate to individual classroom needs

and situations.

Prereq: Students must have graduate standing.

**430-720 Advanced Techniques In The Teaching Of Language Arts And English -- 3 cr**

Survey and critical appraisal of research programs, problems, practices and trends in the study and teaching of the language arts, media, composition and the application of linguistic knowledge.

**430-721 (110-721) Trends In Art Education -- 3 cr**

A course designed to acquaint the teacher with recent trends, issues, and practices in the teaching of art. The sources of contemporary knowledge about the function and structure of art education will be considered as well as recent theoretical and research studies in art and art education. Opportunity for a specific level or teaching situation.

**430-723 (420-723) 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: 420-723.

**430-725 Curriculum Development And Integration -- 3 cr**

This course focuses primarily on the processes of curriculum development. The students will be involved in curriculum design activities which will require consideration of the socio-political and philosophical forces as well as consideration of learning and developmental theory.

**430-735 Managing And Implementing Instructional Computing Programs -- 3 cr**

This course is designed for individuals in leadership roles in computing programs in their school districts. The course will provide information for school district computer coordinators, resource teachers, administrators, and others about technology-related instructional needs. Since information gathering and evaluation is the main focus of the course rather than skill building, a lecture/demonstration format will be used.

**430-745 (420-745) 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:

- The rationale of the middle school
- The middle school child
- The curriculum of the middle school
- The instructional strategies of the middle school

Unreq: 420-745.

**430-752 Microcomputer Applications In The Classroom -- 3 cr**

This course is designed for teachers who have little or no knowledge about microcomputers and are interested in learning about microcomputers and their use in schools. This introduction to microcomputer applications in education will include teaching about computers, teaching with microcomputers, managing instruction with microcomputers, developing instructional materials using computers, and evaluating software designed to be used in schools. This course does not satisfy any of the requirements for K-12 certification on computer science.

**430-754 Educational Software Implementation K-12 -- 3 cr**

This course will focus on the use of the computer as an instructional tool. The course will examine the nature and evolution of computer assisted/enhanced instruction, the major type of instructional packages, their primary characteristics, their potential strengths and weaknesses, and research related to the effectiveness of computers in the instructional program. Students will complete a unit plan using computer enhanced instructional techniques. Students should have previous hands on experience with microcomputers.

**430-755 Curriculum Concerns In Art Education -- 3 cr**

A course designed to develop the student's ability to make art curricular judgments through the planning, designing, and ordering of art learning experiences.

**430-759 Art For The Exceptional Child/Adult -- 3 cr**

A preparatory course in art education for teachers of exceptional children and adolescents. The course will provide a background for curriculum development in art for children and adolescents with specific physical, mental, learning and emotional needs.

**430-761 Advanced Techniques In The Teaching Of Mathematics -- 2-3 cr**

Consideration of the current trends in method and curriculum in elementary school arithmetic; the scope, sequence and content of the modern arithmetic program with special emphasis on modern innovations in arithmetical content and method; and the relationship of methods, curriculum and evaluation to child development.

**430-763 Advanced Techniques In The Teaching Of Social Studies -- 2-3 cr**

A comprehensive consideration of the K-12 social studies curriculum, its traditions, underlying assumptions, and approaches to curriculum improvement; special emphasis placed on effective teaching techniques designed to facilitate the learning of social studies content and skills.

**430-765 Advanced Techniques In The Teaching Of Science -- 2-3 cr**

Consideration of the present courses of study in elementary science; basic principles of science appropriate to elementary grades; techniques of teaching the science principles; materials used in the teaching of science, and the techniques of evaluation in science.

**430-766 Advanced Methods Of Teaching Elementary Mathematics -- 3 cr**

This is an advanced course for elementary teachers with previous teaching experience. The recommendations for improving elementary mathematics instruction as outlined in the NCTM Standards will be presented as well as methods for implementing these recommendations. Topics to be addressed in this course include: 1) planning for instruction (with emphasis on selecting appropriate materials); 2) understanding how children learn mathematics; 3) assessing mathematics learning; 4) the use of technology in mathematics education; 5) integration/connections with other content areas; 6) meeting the needs of exceptional students; 7) discussion of current approaches to teaching elementary mathematics, and 8) current research findings relevant to teaching and learning mathematics at the elementary level.

**430-770 Supervision Of Student Teachers -- 2-3 cr**

Basic course in supervision of student teachers, open to UW-W cooperating teachers, explores the respective roles and responsibilities of all student teaching personnel, nature of student teaching programs, procedures followed in the selection of cooperating teachers and assignment of student teachers. Attention is also given to the recognition of skills and activities fundamental to the development of effective teachers.

Prereq: Previous arrangements with instructor and admission to the Graduate School.

**430-771 Principles Of Mentoring -- 3 cr**

Mentoring, a recently developed concept related to Teacher Induction and staff development, emphasizes the historical development, roles of mentors, mentoring skills and processes, as well as evaluation of the mentor/protege relationship. This course is designed to provide training to present and potential staff who are interested in becoming mentors.

***EARLY CHILDHOOD (434)***

**434-540 Nutrition And Health: Early Childhood -- 3 cr**

This course pertains to the needs of the young child of preschool age through the third grade, with emphasis on knowledge of nutrition, safety, and health in homes and community and school settings.

Prereq: Admission to professional education or graduate standing.

**434-561 Children's Literature -- 3 cr**

A study of literature and media for Early Childhood, PreK-6; emphasis on evaluating, selecting, and presenting materials related to the interests and needs of children and the curriculum.

Prereq: Restricted to students with Major in Elementary Education, PK-6 or a major in Special Education: EEN or a minor in Library Media K-12 and Professional Education Admission.

**434-662 Programs And Curriculum For Infants And Toddlers -- 3 cr**

This course will enable students to plan a sequential curriculum for children from birth to

age three. Issues, concepts and research findings pertaining to group care of infants and toddlers in a variety of settings will be considered, as well as teaching strategies employed with very young children.

Prereq: 423-322/522 or consent of instructor.

**434-675 Administration Of Preschool Programs -- 3 cr**

The concentration of this course is on managerial skills. Areas of emphasis are licensing, writing policies, programming, staffing, finances, professional ethics, and public relations.

Prereq: Consent of instructor.

**434-711 Early Childhood Education: From Theory To Practice -- 3 cr**

A study of the historical and theoretical foundations; current models and practices; and significant research regarding early childhood education.

**434-713 Trends In Curriculum For The Preschool/Primary Child -- 3 cr**

This course is designed to give students sufficient skills to develop, implement and evaluate curriculum for children from ages 3-8.

**434-714 Current Issues In Early Childhood Education -- 3 cr**

Identification of significant issues and consideration of research having an impact on emerging trends as well as current practices in early childhood education.

**434-715 Children In Crisis -- 3 cr**

Feelings experienced by parents and children who are going through crises, the behavioral effects of these crises, and effective ways for the school to relate to them at these times. Students will also become familiar with adult reading and children's books in these areas.

**434-717 Children At Risk: Community/School Programs -- 3 cr**

This course acquaints teachers and school personnel with the Wisconsin Children-At-Risk Initiative and prepares them to participate in collaborative home/ school/community efforts to serve children who are at risk for educational failure.

***SPECIAL STUDIES (436)***

**436-690 Workshop -- 1-6 cr**

**436-694 Seminar -- 1-3 cr**

**436-696 Special Studies -- 1-3 cr**

**436-790 Workshop -- 1-6 cr**

**436-794 Seminar -- 1-3 cr**

**436-798 Individual Studies -- 1-3 cr**

**436-799 Thesis Research -- 1-6 cr**

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

***SECONDARY EDUCATION (437)***

**437-550 (430-550) Introduction To Multicultural Education -- 3 cr**

History, philosophy and rationale for bilingual/ bicultural education. A study of different models of bilingual education programs as well as different types of bilinguals. Cultural, socioeconomic and psychological factors influencing learning in the bilingual child.

Unreq: 430-350/550.

**437-620 Methods Of Teaching Physical Education K-12 -- 3 cr**

Techniques of teaching physical education including selection of content, methods of presentation, class management, supervision, community influences, curriculum planning and professional responsibilities.

Prereq: 423-212 or 423-222.

**437-626 Methods Of Teaching English And Language Arts -- 3 cr**

Engages the students in shaping viable perspective for teaching English in today's middle/secondary school; in planning, developing, and evaluating a course, a unit, and a lesson series; in considering and practicing several modes of instructing-learning; in individualizing learning for particular adolescents; and in preparing, generally, for the Teaching Practicum.

**437-628 Methods Of Teaching Mathematics -- 3 cr**

A study of the materials, methods, curriculum and structure of secondary school mathematics. Review of current objectives in secondary school mathematics.

**437-629 Methods Of Teaching Science -- 3 cr**

Designed to acquaint students with basic educational techniques; to develop in students the ability to utilize effectively techniques characteristic of science programs, namely, laboratory learning to acquaint students with new approaches to science; to familiarize students with new developments in the science curriculum; to help students gain a broad vision of their teaching profession, their science area and their responsibilities to all students.

**437-630 Methods Of Teaching Social Studies -- 3 cr**

The study of the teaching-learning process, objectives in social studies, planning for

teaching, selection of content and resources, teaching-learning strategies and evaluative methods.

**437-631 Methods Of Teaching Speech -- 3 cr**

Designed to help students develop a philosophy of speech education; skill in preparing courses of study, unit and lesson plans adapted to the needs and abilities of their students; methods of improving skill in evaluating the work of their students; and to give direction in planning and conducting extracurricular activities.

**437-632 Methods Of Teaching Journalism -- 3 cr**

This course is designed to meet the needs of teachers or prospective teachers who wish to prepare themselves for teaching journalism, for teaching communications units, or for sponsoring publications in secondary schools.

**437-635 (430-635) Language Acquisition For The Bilingual Child -- 3 cr**

An examination of the process involved in the acquisition of a first and second language and the implications this has for the curriculum and language instruction in the bilingual school. Special emphasis on stages of language development, the role of adult models, teachers, and environment in language learning, social classes and differences in language development, dialect differences and language development; etc.

Unreq: 430-435/635.

**437-655 (430-655) Teaching Content In The Bilingual Classroom -- 3 cr**

An examination of various techniques and materials being used to teach subject matter in bilingual programs with emphasis on Spanish materials. Other topics of discussion are: language assessment and adaptation of materials to the learner's language proficiency and cultural experience. Course will be taught in English and Spanish, so that students may have the opportunity of expanding their command of the other language being used as a medium of instruction.

Unreq: 430-455/655.

**437-701 Modern School Mathematics Curriculum -- 3 cr**

A survey of selected school mathematics curriculum development projects, topics in comparative mathematics education and selected topics in ongoing research in mathematics education.

Prereq: Consent of instructor.

**437-703 (420-703) 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.

**437-725 Art Education For The Secondary School -- 3 cr**

A graduate course for art or secondary teachers or those preparing to teach in these areas.



The study of contemporary approaches to teaching art education as aesthetic education in the middle and senior high curriculum; class discussions, studio and laboratory experiences and original research for the implementation of individualized art teaching.

**437-728 Advanced Methods Of Teaching Secondary Mathematics -- 3 cr**

An advanced course in the study of instruction, planning, materials, assessment and objectives in mathematics education at the middle and high school level using guidelines set forth by professional math education organizations. Examination of the roles of technology, exceptional individual needs and external demands for accountability in mathematics teaching is an integral part of this course.

Prereq: Successful completion of an undergraduate methods course or experience teaching secondary mathematics.

**437-730 (680-730) Teaching Literature -- 3 cr**

A survey of techniques and theories in the teaching of fiction, poetry, and drama in middle and secondary schools. Students will read and discuss current writings about the teaching of literature, investigate selected topics that show the connection between theories of literature and teaching practices, and participate in a variety of demonstrations. The course will be team-taught by a faculty member from the College of Education and a faculty member from the Department of Languages and Literatures.

Unreq: 680-730.

**FIELD PRACTICUM (439)**

**439-712 Residency In Teaching -- 3-12 cr**

A comprehensive residency in teaching in an accredited local educational agency participating in the Teacher Residency Program. The resident teacher is under contract for a full school year for less than a full teaching load, is salaried, and works under the guidance of an assigned team of professional and seminars.

Prereq: Successful completion of certification. Admittance to the Residency Program and Graduate School. Limited to first year teachers. Repeatable.

**439-774 Field Experience In Reading Programs -- 1 cr**

Observation and directed practice in the area of reading. Students are placed in an approved station or stations for a semester.

Prereq: 439-793.

**439-793 Practicum (Elementary) (Secondary) -- 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.)