

College of Multidisciplinary Studies

The College of Multidisciplinary Studies is a collaborative, innovative College composed of Divisions of Bicultural-Bilingual Studies, Education, and Environmental Management. The unifying factor of its disparate Divisions is the orientation toward programs and problems to suit individual student needs and goals. Program formulation utilizes University-wide resources from the sciences, the humanities, business, and the fine arts.

DIVISION OF BICULTURAL-BILINGUAL STUDIES

The Division does not offer an undergraduate degree in Bicultural-Bilingual Studies. Support courses that may be taken as electives are given to provide students an intensive training in language (primarily Spanish and English) and in associated cultural studies. Students expected to be interested in these courses are those in bilingual teacher education at the elementary and secondary levels and those who wish to apply cultural knowledge to careers in business, international law, social work, public relations, journalism, etc.

The Division also offers courses in English as a second language designed to introduce students to the various strategies and methods of analysis of languages. Courses are designed for students who will be teaching second languages, but will also benefit students who plan to teach or to engage in other areas that rely heavily on an understanding of language. These students might include those in communication, with specialities in speech therapy, practice of law, careers in business, and those who simply wish to enlarge their understanding of the role that language plays in society.

COURSE DESCRIPTIONS BICULTURAL-BILINGUAL STUDIES (BBL)

3013 COMPARATIVE LINGUISTICS AND BILINGUALISM

(3-0) 3 hours credit.

A historical and descriptive study of Spanish and English with major emphasis on the phonological and morphological aspects of the two languages. Problems of linguistics interference as applied to the bilingual in the Southwest will be explored along with means of dealing with these problems.

3023 MEXICAN-AMERICAN CULTURE

(3-0) 3 hours credit.

A sociological perspective on the Mexican-American in family life, in social institutions, in the economic and political life of the area. Includes an analysis of changing values and urbanization.

3033 THE MEXICAN-AMERICAN IN THE SOUTHWEST

(3-0) 3 hours credit.

Historical foundations of U.S.-Mexico biculturalism in the area. Factors in the development of the area during the colonial era are studied as background for the contemporary bicultural Southwest. Mexican-American contributions to politics and economics of the area are considered, with primary emphasis on the political and economic aspects.

- 3043 PSYCHOLOGICAL CONSIDERATIONS IN A BICULTURAL ENVIRONMENT**
 (3-0) 3 hours credit.
 An introduction to: stereotyping versus psychological insights as applied in research, education, mental health, the legal system and interpersonal relations; psychological implications of the concept of disadvantagedness; psychological mechanisms in first and second language acquisition; cross-cultural studies in learning styles and their relevance to the bicultural classroom.
- 3133 TEACHING COMMUNICATION SKILLS IN SPANISH AND ENGLISH**
 (3-0) 3 hours credit.
 An examination of the theories of first and second language acquisition; analysis of the characteristics of the nature of language. Development of strategies for developing bilingualism and application of these strategies to a bicultural-bilingual program.
- 4023 FOUNDATIONS OF BICULTURAL-BILINGUAL EDUCATION**
 (3-0) 3 hours credit.
 A thorough investigation of the philosophies, research, and theories of bicultural-bilingual education as it relates to the learning process of individual children.
- 4063 TEACHING CONTENT IN A BICULTURAL-BILINGUAL EDUCATION PROGRAM**
 (3-0) 3 hours credit.
 Investigation and evaluation of curriculum and materials available in different content areas appropriate for teaching children in a bicultural-bilingual program. Directed field experiences and micro-teaching in the target languages.

COURSE DESCRIPTIONS

ENGLISH AS A SECOND LANGUAGE (ESL)

- 4013 INTRODUCTION TO TEACHING ENGLISH AS A SECOND/FOREIGN LANGUAGE**
 (3-0) 3 hours credit. Prerequisite: LNG 3813 or consent of instructor.
 A study of the various theories and methods available for the teacher of English as a Second Language.
- 4023 APPLICATIONS OF LINGUISTICS**
 (3-0) 3 hours credit. Prerequisite: A linguistics course or consent of instructor
 A study of the application of linguistics to the teaching of English as a Second Language.

DIVISION OF EDUCATION

The Division of Education has a two-fold purpose: (1) to offer degree programs for students interested in investigating education as a field of study, (2) to provide the professional education component of all Teacher Certification Programs, and in conjunction with other disciplines of UT San Antonio, to prepare students for Teacher Certification.

UT San Antonio is planning to serve a confluence of cultures. Students will have continuing opportunities to observe classroom instruction of the diverse ethnic groups in the San Antonio metropolitan area. This will enable students to make realistic and effective decisions about careers and suitable teaching strategies. By embarking upon professional associations, experiences, and observations during their college careers, students will have time to consider carefully their commitments to the teaching profession. The undergraduate teacher education program will provide students an adequate background for the broad profession of teaching as well as for working in the more localized setting of South and Central Texas.

At the undergraduate level, one degree program is presently available, the Bachelor of Arts Degree in Early Childhood and Elementary Education. Students wishing to be certified as elementary teachers or kindergarten teachers will pursue this degree in the Division of Education. Students majoring in Early Childhood and Elementary Education should enroll in professional education courses throughout their four-year program. In the first semester of their freshman year they should contact the undergraduate Advisor of the Division of Education to facilitate program planning. Failure to do so may result in a longer degree program than might otherwise be required.

Students wishing to be certified as secondary school teachers in other academic areas will follow degree programs in other Divisions of UT San Antonio and will take courses for Teacher Certification in the Division of Education. (A complete list of Certification Programs is contained in a brochure available from the Office of Teacher Certification and Placement.

BACHELOR OF ARTS DEGREE IN EARLY CHILDHOOD AND ELEMENTARY EDUCATION

The minimum number of semester hours required for this degree, including the 50 hours of General Education Requirements, is 126, of which at least 60 must be at the upper-division level. All candidates for the degree must complete:

- A. Twenty-four semester hours in the *major*, at least 18 of which must be taken from one of the three groups of course listings set out below.

1) Elementary Education

- ECE 3213 Language Arts in the Elementary School
- ECE 3223 Social Science in the Elementary School
- ECE 3233 Mathematics in the Elementary School
- ECE 3303 Reading in the Primary Grades
- ECE 3313 Reading in the Intermediate Grades
- ECE 4213 Science in the Elementary School
- ECE 4203 Music and Art in the Elementary School
- ECE 4243 Foreign Languages in the Elementary School

Three hours of upper-division electives in elementary education.

2) Early Childhood Education

- ECE 3103 Young Children's Literature and Storytelling
- ECE 3113 Play and Creative Activities in Early Childhood Education
- ECE 3123 Development and Learning in Early Childhood
- ECE 3133 Programs in Early Childhood Education
- ECE 4103 Guidance of Young Children in Groups

- ECE 4113 Language Development and Reading in Early Childhood Education
- ECE 4123 Parents and Community Resources in Early Childhood and Elementary Education

3) Reading

- ECE 3323 Skill Development in the Reading Program
 - ECE 4306 Reading Problems
 - ECE 4323 Practicum in Reading
- Six hours of upper-division electives, preferably in linguistics and language or psychology.

- B. Twenty-two semester hours of course work in education, 21 of which are at the upper-division level.

Required courses are:

- EDU 2001 Introduction to the School Environment
- EDU 3003 Educational Sociology
- EDP 3013 Growth and Development and Learning Theories I
- EDP 3023 Growth and Development and Learning Theories II
- EDU 4013 Classroom Climate in the Elementary School in the Southwestern United States.
- EDU 4031 Media Technology
- EDU 4046 Student Teaching Elementary*
- EDU 4072 Individualized Clinical Experiences

- C. Thirty hours of *free electives*, fourteen of which must be at the upper-division level. These may be taken from any Division of The University and for students seeking certificates can be used to satisfy a second teaching field.

*EDU 4043 and 4063 may substitute for 4046.

COURSE DESCRIPTIONS

EARLY CHILDHOOD AND ELEMENTARY EDUCATION (ECE)

- 3103 YOUNG CHILDREN'S LITERATURE AND STORYTELLING**
(3-0) 3 hours credit.
A review of books, stories, and library materials including audio-visual materials and aids for young children. Students become acquainted with books for the very young, their authors and illustrators. Criteria for selection and methods of presentation are stressed. Practice is given in reading and telling stories to children.
- 3113 PLAY AND CREATIVE ACTIVITIES IN EARLY CHILDHOOD EDUCATION**
(2-1) 3 hours credit.
A multi-arts integrated approach to fostering creative expression in young children through experiences in art, music, movement, dramatics, and play. Students develop materials, plan activities, and share ideas and skills.
- 3123 DEVELOPMENT AND LEARNING IN EARLY CHILDHOOD**
(3-0) 3 hours credit. Prerequisites: EDP 3013 and EDP 3023 or consent of instructor.
Growth and development during infancy and early childhood. Reviews and integrates physical, social, emotional, and cognitive development. Includes motivation and early learning. Emphasizes individual differences, developmental assessment, need to optimize the match between developmental sequences and experience. Practice in observing and recording behavior.
- 3133 PROGRAMS IN EARLY CHILDHOOD EDUCATION**
(3-0) 3 hours credit.
Review of historical, philosophical, and psychological foundations of nursery-kindergarten methods. Current trends and program models for day care, nursery school and kindergarten. Observations to be arranged.
- 3203 EVALUATION AS FEEDBACK AND GUIDE IN ELEMENTARY EDUCATION**
(3-0) 3 hours credit. Prerequisites: EDP 3013 and EDP 3023 or consent of instructor.
A study of activities and developmental skills needed to carry out evaluation of different segments of life of the individual student.
- 3213 LANGUAGE ARTS IN THE ELEMENTARY SCHOOL**
(3-0) 3 hours credit. Prerequisites: EDP 3013 and EDP 3023 or consent of instructor.
A systematic study of teaching and learning activities in reading, spelling, composition, listening, and handwriting in the elementary school.
- 3223 SOCIAL SCIENCE IN THE ELEMENTARY SCHOOL**
(3-0) 3 hours credit. Prerequisites: EDP 3013 and EDP 3023 or

- consent of instructor.
An overview of the purposes, selection, and organization of content, teaching, and learning procedures, and evaluation of outcomes in the elementary school social science program.
- 3233 MATHEMATICS IN THE ELEMENTARY SCHOOL**
(3-0) 3 hours credit. Prerequisites: EDP 3013 and EDP 3023 or consent of instructor.
An overview of the purposes, selection, and organization of content, teaching, and learning procedures, and evaluation of outcomes in the elementary school mathematics program.
- 3303 READING IN THE PRIMARY GRADES**
(3-0) 3 hours credit. Prerequisites: EDP 3013 and EDP 3023 or consent of instructor.
Introduction to the basic principles of reading instruction, including readiness for reading, initial stages of reading development with emphasis on primary programs, individual differences among students. Observation of and participation in alternate methods and organizational patterns in a school setting.
- 3313 READING IN THE INTERMEDIATE GRADES**
(3-0) 3 hours credit. Prerequisites: EDP 3013 and EDP 3023 or consent of instructor.
Basic principles of reading instruction for grades 4, 5, and 6, including transfer of reading skills to content area reading, development of comprehension, word recognition, vocabulary, and rate. Observation of and participation in alternate methods and organizational patterns in a school setting.
- 3323 SKILL DEVELOPMENT IN THE READING PROGRAM**
(3-0) 3 hours credit. Prerequisites: EDP 3013 and EDP 3023 or consent of instructor.
Skill development in the perceptual and conceptual areas. Relationships between skill development, child development, and curriculum development. The skills in reading growth are viewed as developmental and interrelated.
- 4103 GUIDANCE OF YOUNG CHILDREN IN GROUPS**
(3-0) 3 hours credit. Prerequisite: ECE 3123 or consent of instructor.
A study of basic teaching skills; play as education, curriculum areas, program planning, and necessities of space, equipment, and supplies. It includes designing and evaluating activities to optimize learning and development. Participant-observation is an integral part of the course.
- 4113 LANGUAGE DEVELOPMENT AND READING IN EARLY CHILDHOOD EDUCATION**
(3-0) 3 hours credit. Prerequisites: EDP 3013 and EDP 3023 or consent of instructor.
Introduction to theories of language acquisition and development. Facilitating communication skills in young children and planning for the precocious reader. Relates principles of language learning to concepts of learning to read.

- 4123 PARENTS AND COMMUNITY RESOURCES IN EARLY CHILDHOOD AND ELEMENTARY EDUCATION**
(3-0) 3 hours credit. Prerequisite: EDU 3003 or consent of instructor.
Increasing parental effectiveness through involvement and parent education; planning parent workshops, group meetings, parent-teacher conferences, and supportive programs. Students learn the techniques of interviewing and surveying children and family services and resources within the community.
- 4203 MUSIC AND ART IN THE ELEMENTARY SCHOOL**
(3-0) 3 hours credit. Prerequisites: EDP 3013 and EDP 3023 or consent of instructor.
An overview of the purposes, selection, and organization of content, teaching, and learning procedures, and evaluation of outcomes in elementary school music and art programs.
- 4213 SCIENCE IN THE ELEMENTARY SCHOOL**
(3-0) 3 hours credit. Prerequisites: EDP 3013 and EDP 3023 or consent of instructor.
An overview of the purposes, selection, and organization of content, teaching, and learning procedures, and evaluation of outcomes in the elementary school science program.
- 4243 FOREIGN LANGUAGES IN THE ELEMENTARY SCHOOL**
(3-0) 3 hours credit.
A review of past practices and present trends in foreign language teaching in the elementary school. Examination of the relation of the child's developmental levels, adult attitudes, and pressure group influences to foreign language teaching and learning.
- 4306 INTRODUCTION TO READING PROBLEMS**
(3-3) 6 hours credit. Prerequisite: 6 semester hours of reading courses.
An intensive study of and laboratory experience in reading problems in the classroom, including causation. Diagnostic procedures and remedial measures in reading disability are developed.
- 4323 PRACTICUM IN READING**
(0-3) 3 hours credit. Prerequisite: 15 semester hours of reading courses.
Application of diagnostic and remedial procedures in a group situation. Guided clinical experiences with weekly seminars designed to enrich the laboratory experience.

COURSE DESCRIPTIONS

EDUCATION

(EDU)

- 2001 INTRODUCTION TO THE SCHOOL ENVIRONMENT**
(1-0) 1 hour credit.
Field observation of the life space of learners with campus-based discussions relating observations to implications for curricular content, behavioral expectations of value orientation and individual societal needs.

- 3003 EDUCATIONAL SOCIOLOGY**
(3-0) 3 hours credit.
A study of the ways in which the school can effectively utilize the social process in developing and educating the individual and to show the interrelationships of the school with the family, the church, and other societal agencies particularly in the social and cultural setting of the Southwestern United States.
- 4013 CLASSROOM CLIMATE IN THE ELEMENTARY SCHOOL IN THE SOUTHWESTERN UNITED STATES**
(3-0) 3 hours credit. Prerequisites: EDP 3013 and EDP 3023.
The study of and practice in identifying and developing curricular materials, planning for instruction, developing effective elementary classroom climate, and evaluating instructional outcomes particularly in the context of the Southwestern United States; the methodology of instruction as related to specific disciplines. (This course is offered in multiple sections according to the subject matter to be taught.)
- 4031 MEDIA TECHNOLOGY**
(0-1) 1 hour credit.
Laboratory experience with the use of audio-visual equipment and materials in teaching.
- 4043 STUDENT TEACHING: ELEMENTARY**
4046 (0-3 or 6) 3 or 6 hours credit. Prerequisites: EDP 3013 and EDP 3023.
Field-based experiences in the elementary school.
- 4053 STUDENT TEACHING: SECONDARY**
4056 (0-3 or 6) 3 or 6 hours credit. Prerequisites: EDP 3013 and EDP 3023.
Field-based experiences in the secondary school.
- 4063 STUDENT TEACHING: KINDERGARTEN**
(0-3) 3 hours credit. Prerequisites: EDP 3013 and EDP 3023.
Field-based experiences at the kindergarten level.
- 4072 INDIVIDUALIZED CLINICAL EXPERIENCES**
(0-2) 2 hours credit. Prerequisite: EDU 4046 or EDU 4043, plus EDU 4053 or the equivalent.
A series of simulated and direct experiences planned to develop and improve competency components which have been identified as needs of the individual students. The experiences are designed to provide opportunities for students to further investigate and apply strategies related to teaching/learning situations or to apply corrective measures to diagnosed areas of weaknesses.
- 4083 STUDENT TEACHING: SPECIAL EDUCATION**
4086 (0-3 or 6) 3 or 6 hours credit. Prerequisites: EDP 3013 and EDP 3023.
Field-based experiences in a special education classroom.
- 4093 CLASSROOM CLIMATE IN THE SECONDARY SCHOOL IN THE SOUTHWESTERN UNITED STATES**
(3-0) 3 hours credit. Prerequisites: EDP 3013 and EDP 3023.

The study of and practice in identifying and developing curricular materials, planning for instruction, developing effective secondary classroom climate, and evaluating instructional outcomes particularly in the context of the Southwestern United States; the methodology of instruction as related to specific disciplines. (This course is offered in multiple sections according to the subject matter to be taught.)

COURSE DESCRIPTIONS
EDUCATIONAL PSYCHOLOGY
(EDP)

- 3013 GROWTH AND DEVELOPMENT AND LEARNING THEORIES I**
(3-0) 3 hours credit.
An introduction to the area of study, which includes analysis of the theoretical basis of learning, the assessment of learning and learner needs, and the measurement of achievement.
- 3023 GROWTH AND DEVELOPMENT AND LEARNING THEORIES II**
(3-0) 3 hours credit. Prerequisite: EDP 3013.
A study of developmental psychology: human motivation and behavior, the relationships between development and learning, and the special nature of "exceptional" children and youth as learners.
- 3603 INTRODUCTION TO EXCEPTIONAL CHILDREN**
(3-0) 3 hours credit.
The nature of individual differences. Special emphasis upon school problems of mentally subnormal and gifted children, children with learning disabilities, blind, deaf and hard of hearing, and other special types of atypical children.
- 3613 CHARACTERISTICS OF THE CHILD WITH LEARNING DISABILITIES**
(3-0) 3 hours credit.
A study of the incidence, classification, etiology and characteristics of the child with learning disabilities. Special emphasis will be given to diagnosis and to the circumstances governing referrals.
- 3623 DEVELOPMENTAL ASSESSMENT OF EXCEPTIONAL CHILDREN**
(3-0) 3 hours credit.
The application of standardized and informal classroom evaluation techniques to learning problems.
- 3633 BEHAVIOR MANAGEMENT IN THE CLASSROOM**
(3-0) 3 hours credit.
A study of the principles of behavior modification and its theoretical basis.
- 4603 COUNSELING WITH PARENTS OF EXCEPTIONAL CHILDREN**
(3-0) 3 hours credit.

A study of counseling theory to help parents understand the nature of handicapping conditions, educational prescriptions and progress.

4613 THE PSYCHOLOGY OF ADJUSTMENT

(3-0) 3 hours credit.

A study of the nature of conflict and the mechanism of adjustment.

4623 CURRICULUM FOR THE MENTALLY RETARDED CHILD

(3-0) 3 hours credit.

Curricular plans designed to facilitate development of mentally retarded children.

4633 PRACTICUM IN MENTAL RETARDATION

(2-1) 3 hours credit. Prerequisite: EDP 4623.

An orientation to school settings designed for handicapped students; participants will study and evaluate existing strategies for the handicapped in area school settings.

COURSE DESCRIPTIONS

LIBRARY INSTRUCTION

(LIB)

1001 LIBRARY INSTRUCTION

(0-1) 1 hour credit.

Orientation to the nature and location of library materials and services at UT San Antonio. Instruction and experience in using the UT San Antonio catalogs, microform and other audio-visual equipment and indexes. Instruction and practice in library search strategy and compilation of a bibliography.

DIVISION OF ENVIRONMENTAL STUDIES

The Division of Environmental Studies does not offer an undergraduate degree. In order to prepare students in different fields for future graduate work in Environmental Management and to serve the general student body, courses in the Division of Environmental Studies are offered as electives.

COURSE DESCRIPTIONS

ENVIRONMENTAL MANAGEMENT (ENV)

2013 INTRODUCTION TO ENVIRONMENTAL SYSTEMS

(3-0) 3 hours credit.

Empirical and analytical studies of spatial dimensions of regional development with emphasis on social, political, economic, demographical and environmental problems at regional level. This course may also be taken as GRG 2013.

3013 ENVIRONMENT AND HUMAN RESOURCES MANAGEMENT

(3-0) 3 hours credit.

Human resources as related to the total environment are studied. Special emphasis is given to the areas of manpower planning, and programming as related to the technological changes and the wise use of time in the community.

3023 MAN AND HIS NATURAL RESOURCES

(3-0) 3 hours credit.

A critical evaluation of man's dependency upon the major natural resources of the world such as water, air, soils, forests, grasslands, wildlife and minerals. Programs will be discussed to facilitate the utilization of natural resources for optimum benefit.

3033 ELEMENTS OF URBAN SYSTEMS MANAGEMENT

(3-0) 3 hours credit.

A focus on the role of man as a modifier of the environment. The impact of urban, rural and industrial developments are specifically considered. The basic principles governing urban planning, urban development, urban systems analysis, and rural-urban transition process will be covered.

3523 THE CONTEMPORARY CITY

(3-0) 3 hours credit. Prerequisite: ENV 2013

An introduction to the city as an extension of man with a review of the urban revolution and its impact on the contemporary United States. General trends in contemporary thought as they apply to the problems and promises of American urban development.

4023 ENVIRONMENT, ENERGY AND SOCIETY

(3-0) 3 hours credit. Prerequisite: ENV 3023 or the equivalent.

Study of energy requirements for various components of the soci-

ety and the wastage associated with modern living. Characteristics of various energy sources and conversion process. Energy resources management considerations related to environmental quality and societal needs.

4103 THE GOVERNMENT AND ENVIRONMENTAL PROTECTION

(3-0) 3 hours credit. Prerequisite: ENV 3023 or the equivalent.

A survey of current federal action directed at improving environmental quality. Evolution and effectiveness of the Natural Environmental Policy Act and its implications for the future of our society and various industries.

4203 ENVIRONMENTAL IMPACT ANALYSIS

(3-0) 3 hours credit.

A course designed to familiarize students with the content of the National Environmental Policy Act and the procedures for doing environmental impact statements. Guidelines for specific projects will be considered. Students will collect data for and write an environmental impact statement. Environmental impact statement review procedures will be studied.

4503 ALTERNATIVE URBAN FUTURES

(3-0) 3 hours credit. Prerequisite: ENV 2013.

An examination and exploration of alternatives for the future in the urban environment considering the relationships between social, economic and human dimensions.

4513 PROBLEMS OF URBAN CHANGE

(3-0) 3 hours credit. Prerequisite: ENV 2013.

This course examines problems presented by growth and change in the urban environment. Students determine primary foci of interests and possibilities for field involvement.

4604 ENVIRONMENTAL QUALITY ANALYSIS AND MONITORING

(3-3) 3 hours credit. Prerequisite: ENV 3023.

The procedures and instrumentation for the analysis of air, water, and solids. Environmental data acquisition and basic analysis for the interpretation and characterization of environmental quality.