EXCEPTIONAL CHILDREN (EDEX)

EDEX 523 - Introduction to Exceptional Children (3 Credits)
Overview of the field of education for exceptional children. Basic course for those entering the field of special education.

EDEX 525 - The Nature of Orthopedic and Special Health Problems (3 Credits)
Symptomatology, behavioral manifestations, and resources for care and treatment of orthopedic conditions and other types of health problems in children and youth.

EDEX 530 - Introduction to Early Childhood Special Education (3 Credits)
An overview of early childhood special education for young children with disabilities and their families.

EDEX 531 - Nature of Students with Specific Learning Disabilities (3 Credits)
Children with average/above average intelligence and specific learning impairments: diagnostic and remedial techniques. (Offered by both the College of Education and the Department of Psychology).
Prerequisites: EDEX 523 or PSYC 528.

Cross-listed course: PSYC 529

EDEX 540 - Nature and Needs of the Gifted and Talented (3 Credits)
Types and characteristics of the gifted and talented.
Prerequisites: EDEX 523 or PSYC 518.

EDEX 580 - Direct Instruction in Reading for At-Risk Learners (3 Credits)
A study of the skills and knowledge required to implement direct instruction procedures when teaching reading, with opportunity for application of skills. Research and theoretical foundations will also be evaluated.
Prerequisites: EDEX 523.

EDEX 581 - Teaching Reading in the Content Area to Adolescents with Reading Disabilities (3 Credits)
Research, theory, and instructional practices related to providing reading instruction in content areas for youth with disabilities, with a focus on developing disciplinary literacy in inclusive settings.

EDEX 582 - Teaching Mathematics to Students at Risk (3 Credits)
Research, theory, and instructional practices related to mathematical readiness and instruction for children and youth at risk for mathematical difficulties.
Prerequisites: EDEX 523 or EDEX 491.

EDEX 610 - Instruction of Students with Severe and Multiple Disabilities (3 Credits)
Data-based instruction for teaching students with significant disabilities: task and developmental analysis, individualizing instruction, and preparing and implementing instructional programs.
Prerequisites: EDEX 523 or PSYC 528.

EDEX 615 - Curriculum and Language Instruction for Students with Severe and Multiple Disabilities (3 Credits)
Design, development, adaptation, and implementation of curriculum, language and communication instruction for students with significant disabilities.
Prerequisites: EDEX 523 or PSYC 528.

EDEX 616 - Instruction of Students with Specific Learning Disabilities (3 Credits)
Theory and application of current evidence-based procedures for teaching children with specific learning disabilities.
Prerequisites: EDEX 523, EDEX 531, or EDEX 632 or equivalent.

EDEX 619 - Nature of Students with Intellectual Disabilities (3 Credits)
Nature and causes of intellectual disabilities, behavior, and potentialities of persons with intellectual disabilities.
Prerequisites: a course in the areas of child psychology or child development.

EDEX 630 - Educational Procedures for Early Childhood Special Education (3 Credits)
An initial course in educational procedures focusing on intervention strategies for serving young children with disabilities in inclusive environments.
Prerequisites: EDEX 530.

EDEX 632 - Nature of Students with Emotional and Behavior Disabilities (3 Credits)
Characteristics, etiology, and major theoretical models for children experiencing emotional and/or behavioral problems in school; special education curriculum, programming alternatives, assessment, and issues concerning this population.
Prerequisites: EDEX 523 or PSYC 528.

EDEX 640 - Managing Problem Behavior in the Classroom (3 Credits)
The development of a workable approach to classroom management through an examination of a research-based synthesis of current knowledge in classroom and behavior management.

EDEX 643 - Social/Emotional Development and Guidance for Young Children with Developmental Delays (3 Credits)
Prerequisites: EDEX 523.

EDEX 646 - Advanced Procedures for Assessment in Early Childhood Special Education (ECSE) (3 Credits)
Advanced assessment methods for serving young children with and without developmental delays and their families.
Prerequisites: EDEX 530.

EDEX 682 - Introduction to Braille (3 Credits)
Basic course for mastery of the literary braille code. Transcription of instructional materials in literary braille.

EDEX 685 - Nature of Students with Visual Disabilities (3 Credits)
The psychological, social, and educational implications for persons with visual disabilities; definitions, incidence, characteristics of, and rehabilitative and educational programs for persons with visual disabilities.

EDEX 686 - Introduction to Deafness (3 Credits)
Educational implications of Deafness, philosophy, theory, and research about deafness.
Prerequisites: EDEX 523 or equivalent.

EDEX 687 - Communication Systems for Students who are Deaf or Hearing Impaired (3 Credits)
Knowledge and basic skills of finger-spelling and sign forms for communication.

EDEX 690 - Independent Study (1-3 Credits)
EDEX 691 - Collaborative Partnerships in PK-12 Special Education (3 Credits)
Communication and collaboration skills and strategies for creating and maintaining effective partnerships with a variety of stakeholders involved in educating students with disabilities in PK-12 settings.
Prerequisites: EDEX 523 or PSYC 528.

EDEX 692 - Partnerships in Early Childhood Special Education (3 Credits)
Strategies for collaborating and communicating with families and other professionals as members of multidisciplinary teams in Early Intervention and Early childhood Special Education.
Prerequisites: EDEX 523.

EDEX 701 - Nature of Students with Autism (3 Credits)
Definitions, characteristics, and causes of autism; educational models, implications, and programming.
Prerequisites: EDEX 523 or equivalent.

EDEX 710 - Legal Issues in Special Education (3 Credits)
Analysis of legislation, litigation, and administrative rulings related to special education. Emphasis on the development of legally sound policies and procedures to ensure an appropriate education for students with disabilities.
Prerequisite: EDEX 523.

EDEX 713 - Practicum in Instruction of Exceptional Children I (3 Credits)
Experience in the observation of and participation in the education of children with disabilities in settings appropriate to student’s specialization. Includes weekly seminar.
Prerequisites: EDEX 523.

EDEX 714B - Practicum in Instruction of Exceptional Children II: B (Behavioral Disorders) (3 Credits)
Experience in the direct teaching of children with disabilities in settings appropriate to student’s area of specialization. Includes weekly seminar.

EDEX 714C - Practicum in Instruction of Exceptional Children II: C (Multicategorical) (3 Credits)
Experience in the direct teaching of students with disabilities in settings appropriate to student’s area of specialization.

EDEX 714D - Practicum in Instruction of Exceptional Children II: E (Early Childhood Special Education) (3 Credits)
Experience in the direct teaching of children with disabilities in settings appropriate to student’s area of specialization. Includes weekly seminar.

EDEX 714H - Practicum in Instruction of Exceptional Children II: H (Hearing Impairments) (3 Credits)
Experience in the direct teaching of children with disabilities in settings appropriate to student’s area of specialization. Includes weekly seminar.

EDEX 714L - Practicum in Instruction of Exceptional Children II: L (Learning Disabilities) (3 Credits)
Experience in the direct teaching of children with disabilities in settings appropriate to student’s area of specialization. Includes weekly seminar.

EDEX 714M - Practicum in Instruction of Exceptional Children II: ID (Intellectual Disabilities) (3 Credits)
Experience in the direct teaching of children with disabilities in settings appropriate to student’s area of specialization. Includes weekly seminar.

EDEX 714S - Practicum in Instruction of Exceptional Children II: S (Severe/Multiple) (3 Credits)
Experience in the direct teaching of children with disabilities in settings appropriate to student’s area of specialization. Includes weekly seminar.

EDEX 715 - Applied Behavior Analysis in Special Education (3 Credits)
Application of principles of behavior to understanding and changing socially important behavior of students with disabilities.

EDEX 716 - Functional Behavioral Assessment and Behavior Interventions (3 Credits)
Identification and assessment of problem behavior, design and implementation of positive behavior intervention plans.
Prerequisites: EDEX 610 or EDEX 640 or equivalent.

EDEX 717 - Ethics in Behavior Analysis (3 Credits)
Legal, ethical, and professional issues in behavior analysis.
Prerequisites: EDEX 610 or EDEX 715.

EDEX 718 - Intensive Practicum in Applied Behavior Analysis (3-6 Credits)
Principles of applied behavior analysis in the design, delivery, and evaluation of instruction of children and adults in school, home, and community settings. Students pursuing Board Certification in Behavior Analysis.
Prerequisite or Corequisite: EDEX 610, EDEX 715.

EDEX 719 - Advanced Applied Behavior Analysis (3 Credits)
Advanced concepts and principles in applied behavior analysis.
Prerequisites: EDEX 715, EDEX 809.

EDEX 720 - Applied Research Experience in Special Education (1-3 Credits)
Supervised student-led research experience in a school, state agency, department or bureau of the University, or cooperating organization or institution.

EDEX 726 - Seminar in Special Education for Student Teachers (3 Credits)
Synthesis of the knowledge and skills acquired through course work and field experiences during special education teacher preparation.
Corequisite: EDEX 796.

EDEX 740 - Cognitive and Affective Aspects of the Gifted and Talented (3 Credits)
The relationship of cognitive and affective factors to learning in the gifted and talented, including the self-concepts of the learner and the teacher.
Prerequisites: EDEX 523 and EDEX 540.

EDEX 742 - Educational Procedures for the Gifted and Talented (3 Credits)
Emphasis on methodologies and materials involved in the teaching of gifted and talented children and youth.
Prerequisites: EDEX 540.

EDEX 750 - Technology and Exceptional Populations (3 Credits)
The application of microcomputers and other technology in services for special populations. Case management, assessment, and instructional uses of technology are included.
Cross-listed course: RHAB 750
EDEX 760 - Secondary Transition Assessment, Planning, and Program Development (3 Credits)
Foundation for understanding and using assessment information in the transition process for youth with disabilities. Specifically, students will gain knowledge in the multiple domains of transition assessment (e.g., vocational, academic, independent living, self-determination). Students will also develop and determine appropriate transition plans, programs, services, and instruction.
Prerequisites: EDEX 523 or equivalent introductory course in special education.

EDEX 761 - Promoting Student Outcomes Through Collaboration (3 Credits)
Concepts, tools, and strategies essential for effective collaboration within and across systems supporting transition-age youth with disabilities. Best practices on how to partner with agencies, schools, and employers which provide students with support and advocacy as they transition to post-school life.
Prerequisites: EDEX 523 or equivalent introductory course in special education.

EDEX 762 - Career Preparation and Employment for Individuals with Disabilities (3 Credits)
Specific vocational practices and information used to assist persons with disabilities as they begin to make career decisions and transition to the workforce.
Prerequisites: EDEX 523.

EDEX 763 - Integrated Secondary Curriculum, Instructional Strategies, and Transition Programs (3 Credits)
Developing and selecting curricula that meet students’ transition needs and align with state academic standards. Students will evaluate and implement evidence-based practices as well as develop lessons and instructional units that promote the skills necessary for transition to adult life.
Prerequisites: EDEX 523.

EDEX 770 - Methods and Materials for Students with Low Vision (3 Credits)
Current educational methods and materials for students with partial sight including educational needs, assessment of visual functioning, and vision utilization. Educational plannings and instructional strategies will be considered.
Prerequisites: EDEX 685 and EDEX 773.

EDEX 773 - Anatomy, Physiology, and Pathology of the Eye (3 Credits)
Structure, function, and abnormalities of the eye stressing educational implications. Special attention is paid to interpretation of reports from eye specialists, theory and use of low vision aids, and vision screening techniques in schools.

EDEX 774 - Educational Procedures for Students with Visual Disabilities (3 Credits)
Current educational procedures for students who are blind or with partial sight, including programming alternatives, curriculum adaptations and additions, use of specialized equipment, instructional strategies, and educational planning.
Prerequisites: EDEX 682 and EDEX 773.

EDEX 775 - Orientation and Mobility for the Visually Handicapped (3 Credits)
Lectures, discussions, observation, and practice in teaching pre-care skills, orientation and mobility, and activities of daily living to visually handicapped individuals. Presented with reference to the responsibility of the teacher of the visually handicapped.

EDEX 780 - Speech Reading and Auditory Training I (3 Credits)
A study of the use of acoustic amplification and speech reading in developing language skills for deaf and hard-of-hearing children and adults. Theories, methods, and systems of speech reading and use of hearing aids and other amplification equipment are studied and analyzed.

EDEX 781 - Speech Reading and Auditory Training II (3 Credits)
Advanced study in methods of instruction for the hard-of-hearing in the principles and techniques of lip reading and auditory training.
Prerequisites: EDEX 780 or equivalent.

EDEX 784 - Instruction of Students with Emotional and Behavioral Disorders (3 Credits)
Application of current educational procedures for students with emotional and behavioral disorders including alternative administrative arrangements, education strategies, and sources of materials.
Prerequisites: EDEX 632.

EDEX 785 - Language Impairment, Disabilities, and Augmentative Communication (3 Credits)
The study of language disorders in students with disabilities. Focus on defining communicative acts and implementation of alternative and augmentative communication and assistive technology.

EDEX 790 - Introduction to Assessment in Special Education (3 Credits)
Concepts and methods of assessment in special education with emphasis on administering, scoring, and interpreting standardized education tests.

EDEX 791 - Procedures in Special Education Assessment and Intervention I (3 Credits)
Lectures and practicum experiences emphasizing the application of informal educational assessment and intervention planning procedures. Individually supervised case project.
Prerequisites: EDEX 790.

EDEX 792 - Issues in Special Education (3 Credits)
Critical reviews of research related to key issues in special education. A research paper is required.
Prerequisites: EDRM 700, EDEX 790, EDEX 640, 1 methods course.

EDEX 793 - Seminar in Aural Rehabilitation (3 Credits)
Experimental study of various aspects of lip-reading and auditory training.

EDEX 794 - Foundations of Secondary Transition Planning and Supports for Individuals with Disabilities (3 Credits)
Orientation to transition planning and vocational training as integrated components of secondary level education curriculum for students with disabilities.

EDEX 795 - Assessment in Early Childhood Special Education (3 Credits)
Assessment instruments, techniques, and procedures for non-discriminatory educational assessment of children with disabilities birth-eight years.
EDEX 796B - Directed Teaching in Special Education (12 Credits)
Application of effective teaching techniques and organization of instructional settings for exceptional learners in selected areas of specialization. B (Behavioral Disorders), L (Learning Disabilities), ID (Intellectual Disabilities), S (Severe/Multiple)
Prerequisites: Admission to the Professional Teacher Certification Program and completion of the special education core

EDEX 796C - Directed Teaching in Special Education: C (Multicategorical) (12 Credits)
Application of effective teaching techniques and organization of instructional settings for exceptional learners in selected areas of specialization.
Prerequisites: Admission to the Professional Teacher Certification Program and completion of the special education core

Corequisite: EDEX 726.

EDEX 799 - Thesis Preparation (1-9 Credits)

EDEX 808 - Procedures in Special Education Assessment and Intervention II (3 Credits)
Educational assessment in clinical and school settings. Integration of assessment procedures including interview, observation, testing, consultation, and report writing. Individually supervised projects.
Prerequisites: EDEX 790 and EDEX 791.

EDEX 809 - Single-Case Research Designs in Special Education (3 Credits)
Applications of single-case study designs to the analysis of student behavior in special education, with emphasis on visual display of data and interpretation of research results.
Prerequisites: EDEX 715.

EDEX 810 - Advanced Single-Case Research (3 Credits)
Advanced concepts in single-case research, including the identification of evidence-based practices in special education through systematic reviews and meta-analyses.
Prerequisites: EDEX 809.

EDEX 815 - Coordination of Programs for Exceptional Children (3 Credits)
A study of administrative and supervisory issues in the operation of school programs for exceptional children; alternate instructional models and program organizations, budgeting and funding practices, certification requirements, and other operational factors are emphasized.
Prerequisites: EDEX 523 or equivalent.

EDEX 816 - Special Problems in Education of Students with Emotional and Behavioral Disabilities (3 Credits)
A critical review of research in the identification and education of children and adolescents with emotional and behavioral disabilities. A research project is required.
Prerequisites: PSYC 510 or equivalent and EDRM 700.

EDEX 817 - Advanced Educational Problems in Learning Disabilities (3 Credits)
Exploration of current issues, problems, and trends in the education of children with learning disabilities.
Prerequisites: PSYC 529 and EDEX 616 or their equivalents.

EDEX 818 - Advanced Educational Procedures for Exceptional Children (3 Credits)
Procedures to be used in special education classrooms, emphasis on curriculum, methods, and materials for learners with disabilities.
Prerequisites: vary by specialization.

EDEX 821 - Internship in Exceptional Children: P (Pedagogy) (3-6 Credits)
Supervised field-based experiences related to special education administration, pedagogy, and university teaching.
Prerequisites: EDEX 891.

EDEX 822A - Internship in Exceptional Children: A (Administration) (3-6 Credits)
Supervised field-based experiences related to special education administration, pedagogy, and university teaching.
Prerequisites: EDEX 891 and consent of instructor

EDEX 822P - Internship in Exceptional Children: P (Pedagogy) (3-6 Credits)
Supervised field-based experiences related to special education administration, pedagogy, and university teaching.
Prerequisites: EDEX 891 and consent of instructor

EDEX 823T - Internship in Exceptional Children: T (Teaching Internship) (3-6 Credits)
Supervised field-based experiences related to special education administration, pedagogy, and university teaching.
Prerequisites: EDEX 891 and consent of instructor

EDEX 893 - Advanced Topics in Exceptional Children (3 Credits)
Selected topics in special education. With consent of advisor, may be repeated for credit as topics change.
Prerequisites: EDEX 891.

EDEX 894 - Research Seminar in Special Education (3 Credits)
Review and analysis of contemporary research topics in special education. May be repeated for up to 12 credit hours as topics vary.

EDEX 899 - Dissertation Preparation (1-12 Credits)