## Department of Special Education

### Special Education Graduate Programs

The Department of Special Education offers campus-based and online graduate programs for students interested in teaching, research, and professional service related to infants, toddlers, children, adolescents, and adults with developmental delays and disabilities and their families. Since the 1970s, the department’s master’s and doctoral programs have received national and international recognition. The faculty is known for its leadership to the field, and commitment to high-quality education for children and youth with developmental delays and disabilities, innovative field-based preparation and research, and preparation of highly effective researchers, educators, faculty preparing educators, and policy specialists. The annual U.S. News and World Report graduate program survey consistently ranks KU at the top when compared to more than 200 graduate programs in this field. As one of the most comprehensive special education preparation programs in the country, the department attracts students from many states and countries.

### Programs Offered

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<th>Programs Offered</th>
<th>Department of Special Education (<a href="http://specialedu.soe.ku.edu/">http://specialedu.soe.ku.edu/</a>)</th>
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<td>Students may pursue a Master of Science in Education (M.S.E.) in one of 5 areas:</td>
<td>Students may pursue a graduate certificate(s) in the following areas:</td>
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<td>High-Incidence Disabilities (online) (<a href="https://catalog.ku.edu/education/special-education/mse/#requirementstext">https://catalog.ku.edu/education/special-education/mse/#requirementstext</a>)</td>
<td>Graduate Certificate in Transition (online) (<a href="http://catalog.ku.edu/education/special-education/transition-gradcert/#certificate#requirementstext">http://catalog.ku.edu/education/special-education/transition-gradcert/#certificate#requirementstext</a>)</td>
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<td>Low-incidence Disabilities (campus) (<a href="https://catalog.ku.edu/education/special-education/mse/#requirementstext">https://catalog.ku.edu/education/special-education/mse/#requirementstext</a>)</td>
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<td>Secondary Transition Education and Services (online) (<a href="https://catalog.ku.edu/education/special-education/mse/#requirementstext">https://catalog.ku.edu/education/special-education/mse/#requirementstext</a>)</td>
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<tr>
<td>Kansas Teacher Licensure and Endorsement Opportunities</td>
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**To obtain initial teaching License:** Kansas endorsement add on to license for Special Education**

### Endorsement Opportunities

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<th>Licensure</th>
<th>Endorsement (online) (<a href="https://educationonline.ku.edu/online-degrees/special-education-department/endorsement">https://educationonline.ku.edu/online-degrees/special-education-department/endorsement</a>)</th>
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<tr>
<td>OR</td>
<td>Low-incidence Disabilities Endorsement (campus) (<a href="https://specialedu.ku.edu/academics/low-incidence-disabilities/licensure-endorsement/overview-benefits/">https://specialedu.ku.edu/academics/low-incidence-disabilities/licensure-endorsement/overview-benefits/</a>)</td>
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<tr>
<td>Early Childhood Unified (birth through kindergarten) Licensure Endorsement (campus-Lawrence and Edwards) (<a href="https://specialedu.ku.edu/academics/early-childhood-unified/licensure-endorsement/overview-benefits/">https://specialedu.ku.edu/academics/early-childhood-unified/licensure-endorsement/overview-benefits/</a>)</td>
<td>** You must have initial licensure in Early Childhood, Elementary or Secondary education to be eligible for the endorsement programs.</td>
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In Kansas to become a special education teacher in high or low incidence one must first obtain an initial teaching license in: Early Childhood Unified, Elementary Education, or Secondary Education

Students seeking initial licensure or an endorsement in a state other than Kansas must review their individual state licensure requirements with the appropriate licensing or regulatory authorities prior to enrolling.

Students may pursue a Ph.D. in special education

The following areas of specialization are offered:

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<th>Specialization</th>
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<td>Disability and Diversity in Education and Society (<a href="http://specialedu.ku.edu/academics/doctorate/program-structure/specializations/DDES">http://specialedu.ku.edu/academics/doctorate/program-structure/specializations/DDES</a>)</td>
<td>Instructional Design, Technology, and Innovation (<a href="http://specialedu.ku.edu/academics/doctorate/program-structure/specializations/HIDTI">http://specialedu.ku.edu/academics/doctorate/program-structure/specializations/HIDTI</a>)</td>
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<tr>
<td>Early Childhood Unified (Blending of Early Childhood and Early Childhood Special Education) (<a href="http://specialedu.ku.edu/academics/doctorate/program-structure/specializations/ECU">http://specialedu.ku.edu/academics/doctorate/program-structure/specializations/ECU</a>)</td>
<td>Special Education Policy and Systems Studies (<a href="http://specialedu.ku.edu/academics/doctorate/program-structure/specializations/SEPSS">http://specialedu.ku.edu/academics/doctorate/program-structure/specializations/SEPSS</a>)</td>
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The campus-based doctoral program in special education is devoted to preparing civically-committed scholars who, through rigorous and relevant research and transformational interventions, address significant educational and social problems in ways that advance education, social policy, research, care giving and public service to enhance the quality of life of persons of all ages with (dis)abilities and their families. Program students and graduates rely on interdisciplinary theoretical knowledge and the full range of methodological approaches to engage, influence, and transform educational and social institutions and their practices to
promote learning, equal opportunity, full participation, independent living, and economic self-sufficiency.

Courses

SPED 261. Families and Professional Partnerships. 3 Hours.
This course provides information on issues and practices related to working together in partnership with families of young children including those who have a young child with special needs. Emphasis will be placed on taking a family systems prospective and a family-centered approach to family support. Strategies for effective communication for the purpose of information sharing and collaborative planning with families are provided. Relevant current scientifically based evidence will be reviewed and discussed pertaining to these topics. LEC.

SPED 326. Teaching Exceptional Children and Youth in General Education. 3 Hours.
This course is designed for general education teacher trainees. It will provide them information about students with disabilities that they will have in their classrooms and the law governing special education and its implications for them as general educators. The course will address Individualized Educational Plans that are developed for students with disabilities and how general educators contribute to these plans. Students will learn about planning instruction that is differentiated to meet various learner needs, universal design principles and instructional tools, providing meaningful access to general education classrooms and curriculum for students with disabilities and designing and delivering appropriate accommodations and modifications to assist student learning. Prerequisite: Admission to the Teacher Education Program. LEC.

SPED 362. Introduction to Early Education and Early Childhood Special Education. 3 Hours.
This course is designed to provide an overview of the field of early education including early childhood education and early childhood special education. The historical, philosophical, research- base, policy and legal foundations for the field are discussed to provide the students with the knowledge to become an advocate for early learning opportunities (birth through grade 3) for all children and their families. LEC.

SPED 425. Introduction to Exceptional Children and Youth. 3 Hours.
Designed for regular education teacher trainees, those in training for support roles in public schools and/or residential facilities (music educators/therapists, speech clinicians, etc.), and others interested in providing services for exceptional children and youth. Emphasis on the learning and adjustment problems of exceptional children and youth. Includes fieldwork experiences in residential and/or public school settings. LEC.

SPED 431. Introduction to the Exceptional Child/Adolescent. 1 Hour.
The course is designed to provide the student with knowledge of and direct experiences within instructional settings that include one or more exceptional children. Structured experiences will be provided to (a) ensure mastery of skills in differentiating normal from atypical patterns of behavior in children or adolescents, (b) promote acquisition of skill in understanding the educational needs of exceptional learners as well as the procedures used to identify and provide instruction for them, (c) ensure the generalization of communication skills to the unique needs of exceptional learners in instructional settings, and (d) promote a positive attitude toward atypical students. LEC.

SPED 439. Student Teaching: Unified Early Childhood. 6-9 Hours AE61.
A supervised student teaching experience leading to initial teaching licensure in Kansas Unified Early Childhood (birth through grade 3). The student assumes the professional role as a teacher in an approved inclusive early childhood infant/toddler or preschool. Prerequisite: Admission to the Unified Early Childhood program. Approved application of intent to student teach. LEC.

SPED 446. Professional Learning Seminar UEC. 1 Hour.
The primary purpose of the professional learning seminars is to collaboratively engage KU students, KU faculty, and early childhood professionals in a continuous seminar that focuses on important issues that our KU students face in the ECE (birth - grade 3) programs. We will critically examine instructional practices that support all young learners belonging and success, learning in real-world contexts, and analyze teaching and learning from multiple perspectives including the philosophical and psychological. The professional learning seminars are designed around key features of effective professional learning communities and sustained professional development for early childhood educators. Features include supportive, collaborative learning, shared personal and professional practice, and collective inquiry of teaching and learning. Graded on a satisfactory/unsatisfactory basis. Prerequisite: Admission to the Teacher Education Program is required. SEM.

SPED 450. Dis/ability in an American Context. 3 Hours.
This course is designed to introduce undergraduate students of any major to important theoretical and practical concepts regarding special education, disability, and diversity. Successful completion of this course fulfills one requirement for the School of Education minor in Education. LEC.

SPED 495. Developing the ECU Teaching Portfolio. 1 Hour.
This course meets in conjunction with student teaching and includes assigned readings, participation, and writing. The seminar provides opportunities for candidates to discuss their transition from their role as an aspiring early educator to a career in early childhood education within birth to grade 3 community and public-school settings serving young children and their families. Candidates will engage instructional planning, implementation, and outcome assessment including reflection on their own successes and challenges as they move to becoming a qualified reflective early childhood educator. Graded on a satisfactory/ unsatisfactory basis. Prerequisite: Admission to the Teacher Education Program is required. SEM.

SPED 497. Independent Study. 1-2 Hours.
Only one enrollment permitted each semester, a maximum of four hours will apply toward a bachelor's degree. Prerequisite: Recommendation of advisor and consent of instructor. IND.

SPED 500. Introduction to Sign Language. 3 Hours.
This is an introductory course in Sign Language and includes ASL and English sign vocabulary, a description of all manual sign systems, medical aspects of hearing loss, communication and language, and Deaf culture and community. LEC.

This course will cover the development of American Sign Language and its application within the Deaf Community. It is based on the functional-notational approach to learning sign language. This approach organizes language around communicative purposes of everyday interaction. LEC.

This is the second level course in American Sign Language and its application within the Deaf Community. It is based on the functional-notational approach to learning sign language. This approach organizes language around communicative purposes of everyday interaction. Prerequisite: SPED 501. LEC.

This is the third level course in American Sign Language. The primary objective of the American Sign Language III “Signing Naturally” Level 2
This introductory course provides an overview of the characteristics of students needing an adaptive curriculum. The primary objective of the American Sign Language IV "Signing Naturally" Level 3 curriculum is for students to continue using the two basic language skills -- visual listening and signing. Prerequisite: SPED 502. LEC.

**SPED 504. American Sign Language IV (ASL IV), 3 Hours / F4.**
This is the fourth level course in American Sign Language. The primary focus is on the instruction and communicative skills that will enable students and teachers to communicate effectively with deaf and hard of hearing students and teachers. Prerequisite: SPED 503. LEC.

**SPED 506. Advanced Practices for Children with Disabilities in the Elementary General Education Classroom, 3 Hours.**
This course is designed to enable novice teachers to master and apply the instructional and communicative skills that will facilitate appropriate and productive inclusion of children and youth with exceptionalities within general education classrooms and other school settings. Specific research-based strategies in curriculum content acquisition (content enhancements, learning strategies, classwide-peer tutoring), and specific research-based strategies in behavior management will be learned and applied to real teaching experiences. Prerequisite: Admission to the Teacher Education Program. LEC.

**SPED 507. Advanced Practices for Children with Disabilities Middle/Secondary General Education Classroom, 3 Hours.**
This course is designed to enable novice teachers to master and apply the instructional and communicative skills that will facilitate appropriate and productive inclusion of middle and secondary age students with disabilities within general education classrooms and other school settings. Specific research-based strategies in curriculum content acquisition (content enhancements, learning strategies, classwide-peer tutoring), and specific research-based strategies in behavior management will be learned and applied to real teaching experiences. Prerequisite: Admission to the Teacher Education Program. LEC.

**SPED 598. Special Course: ________, 1-5 Hours.**
A special course of study designed to meet current needs of education students; primarily for undergraduates. LEC.

**SPED 631. Characteristics of Students Needing an Adaptive Curriculum, 3 Hours.**
This course is designed as an introduction to the definition, characteristics, causes, assessment, and specific remedial techniques for students needing an adaptive curriculum. The needs for specialized services to meet specific learning and/or behavioral needs will be presented. Students will learn about the history of serving children and youth with high incidence disabilities associated with specific learning, emotional/behavioral, mild mental retardation and a range of physical and health needs. Key individuals in the research of specific disabilities associated with these needs and how they helped expand our understanding of who these individuals are and how to address specific needs, will also be addressed. Learning characteristics will be addressed in relation to why and how specialized instruction can meet the learning and developmental needs of these individuals, specifically in the areas of instructional and assistive technology. LEC.

**SPED 632. Characteristics of Students Needing a Functional Curriculum, 3 Hours.**
This introductory course provides an overview of the characteristics of learners with significant support needs. Students will learn to define and understand various classification systems and the implications of: low-incidence disabilities, significant cognitive disability, various vision and/or hearing impairments, including deaf-blindness motor disabilities, and health impairments. Students will be introduced to various etiologies: pre-, peri-, and post-natal causes, syndromes and chromosomal disorders, and biomedical causes of severe disability. Additional content includes anatomy of sensory organs, interpretation of pertinent medical reports, assessment procedures, and in school settings considerations (e.g., orientation and mobility, cochlear implants, medications, tube feeding, physical therapy, occupational therapy). Prerequisite: An introductory course in special education. LEC.

**SPED 633. Characteristics of Learners with Hearing Loss -- Deaf Studies, 3 Hours.**
Deaf Studies is the basic characteristics course for both the Master's degree in Deaf Education and for Kansas and Missouri endorsement in Deaf/HOH. The course includes medical aspects/etiology of hearing loss, history, pertinent laws, Deaf culture and community, issues in assessment and psychology, language and sign systems, multicultural education, multiple disabilities and hearing loss, and specific issues in the field. LEC.

**SPED 635. Introduction to Teaching Learners with Low-Incidence Disabilities in Inclusive Settings, 3 Hours.**
This course examines current principles and inclusive practices for learners with significant disabilities. The course will focus on the extant research base concerning inclusive practices, characteristics of learners with low-incidence disabilities, and instructional strategies. Prerequisite: SPED 326 or equivalent. LEC.

**SPED 641. Methods & Assessment: Literacy Interventions Struggling Learners & Students High-Incidence Disabilities, 3 Hours.**
This course will provide in depth learning experiences targeting literacy; both reading and writing. Students will learn about assessment tools and assessment systems used in tiered support frameworks to determine the required intensity of literacy support and instruction needed by children/adolescents with adaptive special education needs, and will learn about evidence-based instructional approaches and curriculum developed for students with disabilities and struggling students in general. The course is intended for persons working toward the Kansas teaching license in teaching students needing an adapted curriculum. Prerequisite: SPED 730, admittance into the Adaptive program in the Department of Special Education, or permission of the instructor. LEC.

**SPED 642. Assessment and Methods of Teaching Students with Low-Incidence Disabilities in Inclusive Settings, 3 Hours.**
This course prepares teacher candidates to assess students with disabilities using formal and informal measures, to use assessment information to develop a strengths-based inclusive Individual Education Program (IEP), to design instruction related to IEP goals and state standards, and to evaluate the effectiveness of that instruction using progress-monitoring techniques. Prerequisite: SPED 326. LEC.

**SPED 644. Assessment and Instructional Methods I: Learners with Hearing Loss, 3 Hours.**
This course will provide an introduction to appropriate instructional methodology for teaching students who are deaf or hard of hearing at the early childhood, elementary, and secondary levels. Upon completion students will be familiar with legal issues, teaming, assessment, IEP development, curriculum planning, instructional methods, and transition. LEC.

**SPED 650. Constructing Early Childhood Curriculum, 3 Hours.**
Students in this course will learn to design, implement and evaluate developmentally appropriate curricula and programs for children from birth through kindergarten. Issues of curriculum design and assessment are introduced as interrelated processes that include structuring learning
environments and experiences that are responsive to children's interests and abilities. Students analyze and evaluate curriculum that focuses on the five developmental domains a) social emotional development; b) cognitive development; c) language and communication development; d) adaptive behavior development; and e) gross and fine motor development and in addition the content domains of literacy, science, math, and fine art. Strategies for developing learning opportunities that are appropriate for young children, including children with special needs and children from diverse cultural, ethnic and linguistic backgrounds, will be explored. Prerequisite: Admission to School of Education UEC program. LEC.

SPED 660. Education of Children and Youth with Disabilities I: _____ 3 Hours.
This is a methods course that covers instructional approaches and procedures that offer developmentally appropriate, effective and inclusive early intervention for preschool and kindergarten age children who experience developmental delays, disabling conditions or who are at-risk for developmental problems and disabilities. It is directed toward: (a) "how" to teach, or the technical components of developing and delivering effective instruction that provide access to the general early childhood curriculum within recognized approaches to early childhood education for young children, and (b) the "what" to teach, or the selection of developmentally and individually appropriate child objectives as well as specific materials and specialized instructional approaches. The relationship of instructional planning to state and federal mandates will also be considered. The course is primarily intended for persons who are currently working toward certification in the ECSE program area. Prerequisite: SPED 425 or SPED 725, and SPED 735, which can be taken concurrently. LEC.

SPED 661. Supporting Children with Significant Learning and Behavioral Challenges. 3 Hours.
Students in this course will gain knowledge of the causes, and intervention and support approaches for young children with multiple and significant disabilities including neurological impairments, physical disabilities, sensory impairments, significant developmental disabilities and challenging behavior. Emphasis is placed on environmental adaptations and direct instructional techniques to maximize independence as determined through systematic ecological inventories tailored to the individual child's strengths and needs. Information is also provided on assistive technology designed to provide appropriate supports. Functional behavioral assessment procedures, proactive intervention strategies, and developing collaborative support plans will be studied. Prerequisite: Admission to the Teacher Education Program. LEC.

SPED 663. Assessment Strategies in Early Education. 3 Hours.
Examines the practice of gathering information for the purpose of making individual referral and instructional decisions for infants, toddlers, and young children with and without special needs. Discusses effective informal assessment techniques and emphasizes an ecological approach to gathering information. Introduces standardized assessment and screening instruments and provides an overview of the purposes and limitations of such tests. Prerequisite: Admission to the Teacher Education Program. LEC.

SPED 664. Inclusive Strategies and Intervention for Infants and Toddlers. 3 Hours.
Emphasizes curriculum development and early intervention provision for infants and toddlers through the planning of appropriate learning experiences, the design of learning environments, developing Individual Family Service Plans (IFSP), promoting collaboration among families and the use of various methods of enhancing the child's development across the five (social-emotional, adaptive, cognitive, physical/movement, communication) development domains. The role of the educator/early interventionist in relation to the family and the child is examined. Curriculum resources and intervention strategies for infants and toddlers with special needs are reviewed with emphasis on interdisciplinary planning and implementation. Prerequisite: Admission to the Teacher Education Program. LEC.

SPED 665. Inclusive Strategies and Intervention for Preschoolers. 3 Hours.
Provides the opportunity for students to develop and evaluate inclusive environments for young children. This course emphasizes meeting the needs of all young children through an integrated approach to planning, implementing and assessing instruction in all areas; linking assessment information to individualized instruction; developing Individual Educational Plans (IEPs) and promoting collaboration among families, schools and communities. Service delivery systems and transitions between early childhood programs are reviewed in relation to curriculum. Curriculum development for early childhood content areas (literacy and language, numeracy, science, social studies, physical education and the arts) and domains (language, social/emotional, physical, and cognitive) will be explored. Prerequisite: Admission to the Teacher Education Program. LEC.

SPED 667. Field Experience in Preschool. 1 Hour.
This supervised field experience is intended to allow the pre-service teacher to apply the knowledge gained in SPED 665 Inclusive Strategies and Intervention for Preschoolers, by working with infants and toddlers in early intervention settings/programs. To be taken concurrently SPED 665. Prerequisite: Admission to the Teacher Education Program. FLD.

SPED 668. Field Experience Infant/Toddler. 1 Hour.
This supervised field experience is intended to allow the pre-service teacher to apply the knowledge gained SPED 664 Inclusive Strategies and Intervention for Infants and Toddlers, by working with infants and toddlers in early intervention settings/programs. To be taken concurrently SPED 664. Prerequisite: Admission to the Teacher Education Program. FLD.

SPED 672. Field Experiences with Exceptional Children and Youth: _____ 1-3 Hours.
A course designed to provide experiences for students to participate with exceptional children in public schools and/or residential facilities and with professional personnel associated with the lives of exceptional students including special education teachers, child care workers, therapists, etc. Students will have opportunities to participate as aides, tutors, and instructors with individual and small groups of exceptional youth in one or more placements. Through weekly meetings with the instructor students are guided to relate their experiences to the needs and services for exceptional children and youth. Prerequisite: SPED 635. FLD.

SPED 675. Practicum with Children and Youth with Disabilities: _____ 1-10 Hours.
Intensive diverse and direct teaching experiences with children and youth with disabilities in educational settings. The course is differentiated from SPED 775 through the amount of scaffolding undergraduate students will receive when demonstrating skill application (e.g., undergraduates report and receive feedback on practicum experiences on a more frequent basis, reduced data collection requirements, more emphasis on cooperating teacher providing guidance, etc.). This practicum is a requirement for provisional endorsement according to KSDE. Students who have completed SPED 675 cannot enroll in SPED 775 within in same curricular area. Prerequisite: SPED 326. LEC.

SPED 700. Introduction to Sign Language. 3 Hours.
This is an introductory course in Sign Language and includes ASL and English sign vocabulary, a description of all manual sign systems, medical
aspects of hearing loss, communication and language, and Deaf culture and community. LEC.

**SPED 701. American Sign Language I (ASL I). 3 Hours.**
This course will cover the development of American Sign Language and its application within the Deaf Community. It is based on the functional-notational approach to learning sign language. This approach organizes language around communicative purposes of everyday interaction. LEC.

**SPED 702. American Sign Language II (ASL II). 3 Hours.**
This is the second level course American Sign Language and its application within the Deaf Community. It is based on the functional-notational approach to learning sign language. This approach organizes language around communicative purposes of everyday interaction. Prerequisite: SPED 701. LEC.

**SPED 703. American Sign Language III (ASL III). 3 Hours.**
This is the third level course in American Sign Language. The primary objective of the American Sign Language III "Signing Naturally" Level 2 curriculum is for students to continue using the two basic language skills: visual listening and signing. Prerequisite: SPED 702. LEC.

**SPED 704. American Sign Language IV (ASL IV). 3 Hours.**
This is the fourth level course in American Sign Language. The primary objective of the American Sign Language IV "Signing Naturally" Level 3 curriculum is for students to continue using the two basic language skills -- visual listening and signing. Prerequisite: SPED 703. LEC.

**SPED 706. Advanced Practices for Children with Disabilities in the Elementary General Education Classroom. 3 Hours.**
This course is designed to enable novice teachers to master and apply the instructional and communicative skills that will facilitate appropriate and productive inclusion of children and youth with exceptionalities within general education classrooms and other school settings. Specific research-based strategies in curriculum content acquisition (content enhancements, learning strategies, classwide-peer tutoring), and specific research-based strategies in behavior management will be learned and applied to real teaching experiences. Novice teachers will learn about collaborative structures found in schools to support student learning in general education settings (co-teaching, collaborative consultation, teacher/student support teams) and roles and responsibilities of teachers within these structures. Prerequisite: Admission to the Teacher Education Program. LEC.

**SPED 707. Advanced Practices for Adolescents with Disabilities in the Middle/Secondary General Classroom. 3 Hours.**
This course is designed to enable novice teachers to master and apply the instructional and communicative skills that will facilitate appropriate and productive inclusion of middle and secondary age students with disabilities within general education classrooms and other school settings. Specific research-based strategies in curriculum content acquisition (content enhancements, learning strategies, classwide-peer tutoring), and specific research-based strategies in behavior management will be learned and applied to real teaching experiences. Novice teachers will learn about collaborative structures found in schools to support student learning in general education settings (co-teaching, collaborative consultation, teacher/student support teams) and roles and responsibilities of teachers within these structures. Prerequisite: Admission to the Teacher Education Program. LEC.

**SPED 708. Introduction to Hearing Impaired. 2 Hours.**
A study of hearing defects and methods of diagnosis. The course also covers remedial work which teachers can use in treating such defects and meeting problems of hearing defective children. Prerequisite: Nine hours of education including educational psychology. LEC.

**SPED 710. Methods of Teaching Language to the Deaf I. 3 Hours.**
The effects of hearing loss on language acquisition and development. Systems for teaching language to individuals with hearing loss are introduced. Prerequisite: Course in normal language development and nine hours of education including educational psychology. LEC.

**SPED 715. Understanding Research in Education. 3 Hours.**
This course introduces concepts and skills involved in understanding and analyzing research in special education. The course provides an overview of basic, general knowledge of various research methodologies. In addition, this course will teach students to locate, read, comprehend, and critically analyze research articles and reports. Students will become familiar with the principles of educational research to become good "consumers" of this research. LEC.

**SPED 717. Exceptional Children in Regular Classrooms. 3 Hours.**
This course is designed to explore the relationship between regular and special education. Educational service delivery systems for exceptional children are identified and analyzed. Emphasis is placed upon procedures and special services that regular class teachers can use to provide instructional services to exceptional children assigned to regular classrooms. Procedures for enabling normal children to understand and appreciate the interaction with children who exhibit physical and behavioral variance from established norms are conveyed. Especially for regular class teachers and students desiring a career in teaching exceptional children. Will be offered by designated area sections or as a general overview of several areas. LEC.

**SPED 718. Instructional Planning for Children and Youth with Disabilities: _____-1-3 Hours.**
This course provides knowledge and skills to select, adapt, and sequence instructional methods and materials to facilitate general education curriculum mastery. LEC.

**SPED 719. Learning and Technology. 1 Hour.**
The central framework of "human learning" provides a context for understanding technology-based educational innovations. The lessons in this course explore how various "features of learning" and "features of technology" intersect. They discuss realistic options for improving the learning of students, and the learning of teachers, as they use technology in education. (Life-span range of levels.) LEC.

**SPED 724. Data-Driven Instructional Decision Making. 1 Hour.**
The lessons in this course present research-based methods for monitoring student behavior and academic progress. They explain how teachers may use this information to evaluate current and plan future instructional and behavioral interventions following a decision making model. It is also explored how computer and information management technology tools support and facilitate the collection, storage, and analysis of observational data. LEC.

**SPED 725. Introduction to the Psychology and Education of Children and Youth with Disabilities. 3 Hours.**
This course provides an overview of current practices in the identification, placement, and education of students with disabilities. This course emphasizes on patterns of social, cognitive, language, and physical development. Social, political, and economic advocacy issues are also addressed. Prerequisite: One course in Child Development. LEC.

**SPED 726. Exceptionality and Technology. 1 Hour.**
Technology has the potential to dramatically improve the education and quality of life for people with disabilities. This course presents you with a basic foundation for understanding technology in special education, a functional model for selecting the best technology applications for students with special needs, and strategies for applying your knowledge to practical situations. LEC.
SPED 727. Designing Instruction for Diverse Learners. 3 Hours.
This course explores design, development, and implementation of technology-based solutions for struggling learners in the preK-12 instructional environment. Throughout the course, students will (1) gain an understanding of the Principles of Universal Design for Learning, (2) examine how technology has and can be developed in a manner to meet multiple needs, especially those with disabilities, and (3) analyze how professionals can identify and assess what technology-based solution would meet the needs of a particular individual or group of individuals.
LEC.

SPED 729. Introduction to Computing in Special Education. 3 Hours.
This course is designed to provide an introduction to basic concepts of computer literacy, with particular emphasis on the uses of microcomputers in educational settings for individuals with special needs. Topics include an overview of computing specific to the needs of individuals with special needs including: a) applications and the impact of computers on society; b) an introduction to computer hardware and associated concepts; c) introductory programming concepts; d) a survey of instructional and instructional-support applications of computers including examples of related software; e) software evaluation techniques; and f) an overview of resources in educational computing. Students will acquire hands-on operating experience with microcomputers through scheduled laboratory periods.
LEC.

SPED 730. Characteristics, Methods & Assessment: Intro Struggling Learners & Students High-Incidence Disabilities. 3 Hours.
The course is designed as an introduction to the characteristics, assessment and identification process, and initial instructional and behavioral interventions needed in meeting the needs of students with high-incidence disabilities under the Kansas Adaptive Teacher Education Standards. The needs for specialized services to meet specific learning and/or behavioral needs will be presented. Frameworks for instruction and conceptualizing best practice will be introduced including the principles of Universal Design for Learning and the Multi-Tier System of Support. The role of the educator in identifying, understanding and implementing evidence-based practices is also examined. Curriculum resources and intervention strategies for students with high-incidence disabilities will be introduced with emphasis on tiered planning and implementation. The course is intended for persons working toward the Kansas teaching endorsement in the Special Education Adaptive Area. Prerequisite: Admittance into the Adaptive endorsement teacher education program in the Department of Special Education or permission of the instructor. LEC.

SPED 731. Supporting Children with Significant Learning and Behavioral Concerns. 3 Hours.
Students in this course will gain knowledge of the causes, and intervention and support approaches for young children birth through 5 years with significant support needs. These include young learners with multiple and significant disabilities including neurological impairments, physical disabilities, sensory impairments including dual sensory impairments, complex health care needs, significant developmental disabilities and challenging behavior. Emphasis is placed on environmental adaptations and direct instructional techniques to maximize independence as determined through systematic ecological inventories tailored to the individual child's strengths and needs. Information is also provided on assistive technology designed to provide appropriate supports. Functional behavioral assessment procedures, proactive intervention strategies, and developing collaborative support plans will be studied. Prerequisite: Admittance into the ECU - Birth through Kindergarten graduate initial licensure teacher education program in the Department of Special Education or permission of the instructor.

SPED 752 or its equivalent, SPED 734 or its equivalent, and SPED 755 or its equivalent. LEC.

SPED 733. Characteristics of Learners with Hearing Loss -- Deaf Studies. 3 Hours.
Deaf Studies is the basic characteristics course for both the Master's degree in Deaf Education and for Kansas and Missouri endorsement in Deaf/HOH. The course includes medical aspects/etiology of hearing loss, history, pertinent laws, Deaf culture and community, issues in assessment and psychology, language and sign systems, multicultural education, multiple disabilities and hearing loss, and specific issues in the field. LEC.

SPED 734. Inclusive Strategies and Intervention for Infants and Toddlers: ___. 3 Hours.
Emphasizes curriculum development and early intervention provision for infants and toddlers through the planning of appropriate learning experiences, the design of learning environments, developing Individual Family Service Plans (IFSP), promoting collaboration among families and the use of various methods of enhancing the child's development across the five (social-emotional, adaptive, cognitive, physical, communication) developmental domains. The role of the educator/early interventionist in relation to the family and the child is examined. Curriculum resources and intervention strategies for infants and toddlers with special needs are reviewed with emphasis on interdisciplinary planning and implementation. Prerequisite: Admittance into the ECU - Birth through Kindergarten graduate initial licensure teacher education program in the Department of Special Education or permission of the instructor. LEC.

SPED 735. Introduction to Teaching Learners with Low-Incidence Disabilities in Inclusive Settings. 3 Hours.
This course examines current principles and inclusive practices for learners with significant disabilities. The course will focus on the extent research base concerning inclusive practices, characteristics of learners with low-incidence disabilities, and instructional strategies. Prerequisite: SPED 326 or equivalent. LEC.

SPED 736. Foundations of Early Intervention. 3 Hours.
This course explores evidence-based principles and practices of providing early intervention services, including requirements of IDEA Part C, mission and key principles of early intervention and recommended practices and standards. Students will engage in guided field observations of assessment, intervention and collaborative practices, reflective practice and teaming/coaching activities. (Same as SPLH 736.) LEC.

SPED 737. Infants and Toddler with Significant Needs. 3 Hours.
This course explores the challenges infants and toddlers with significant developmental needs face and how to best support their participation in daily activities. Challenges faced by medical, physical, communication, social-emotional, hearing, vision, and mental health issues will be discussed along with how to support these needs across disciplines and in the home and community activities. This course will provide in-depth review of the unique challenges these children and families face and how providers from various backgrounds can work together to best support children and families. Environmental adaptations and direct instructional techniques to maximize independence tailored to the infant and toddler's strengths and needs will be explored. Information is also provided on assistive technology designed to provide supports. Functional behavioral assessment procedures, proactive intervention strategies and psycho-educational approaches as well as the development of collaborative support plans will be studied. (Same as SPLH 737.) LEC.

SPED 738. Unified Early Childhood Applied Research. 1 Hour.
This seminar is designed to facilitate the UEC teacher candidate's completion of a Teaching Work Sample during the UEC Student Teaching experience. The purpose of the seminar together with the UEC student teaching experience is to provide the UEC teacher candidate with the
opportunities to study and experience the fundamentals of teaching young children with and without disabilities with the aim of evolving a set of values, principles, and skills which will guide future early education teaching situations. Prerequisite: Admission to UEC Student Teaching. Corequisite: SPED 739 UEC Student Teaching. LEC.

SPED 739. Special Education Early Childhood Unified Practicum. 1-3 Hours.
A supervised field experience leading to initial teaching licensure in Kansas early childhood unified (birth through kindergarten). The student assumes the total professional role as a teacher in an approved inclusive early childhood program to include infant/toddler and preschool or kindergarten. Prerequisite: Admission to UEC licensure program. LEC.

SPED 740. Managing Classroom Behavior of Exceptional Children and Youth. 3 Hours.
Designed to acquaint regular and special education teachers, principals, school psychologists, counselors, and speech pathologists with principles and application of classroom management techniques applicable to exceptional children and youth. Methods of changing inappropriate behaviors and prompting the acquisition of adaptive behaviors through positive management procedures will be stressed. Includes an introduction to behavior analysis. Prerequisite: SPED 425 or SPED 725. LEC.

SPED 741. Methods & Assessment: Literacy Interventions Struggling Learners & Students High-Incidence Disabilities. 3 Hours.
This course will provide in depth learning experiences targeting literacy, both reading and writing. Students will learn about assessment tools and assessment systems used in tiered support frameworks to determine the required intensity of literacy support and instruction needed by children/adolescents with adaptive special education needs, and will learn about evidence-based instructional approaches and curriculum development for students with disabilities and struggling students in general. The course is intended for persons working toward the Kansas teaching license in teaching students needing an adapted curriculum. Prerequisite: SPED 730, admittance into the Adaptive program in the Department of Special Education, or permission of the instructor. LEC.

SPED 742. Assessment and Methods of Teaching Students with Low-Incidence Disabilities in Inclusive Settings. 3 Hours.
This course prepares teacher candidates to assess students with disabilities using formal and informal measures, to use assessment information to develop a strengths-based inclusive Individual Education Program (IEP), to design instruction related to IEP goals and state standards, and to evaluate the effectiveness of that instruction using progress-monitoring techniques. Prerequisite: SPED 635 or 735. LEC.

SPED 743. Methods: Functional Behavioral Assessment, Positive Behavior Support and Classroom Management. 3 Hours.
This course provides a problem-solving approach and the framework for teaching and assessment strategies to develop pro-social behavior in students with disabilities and their typical peers in classrooms and whole school contexts. Students assess problem behavior, discover the functions of problem behavior, and learn pro-social alternatives in home, school, and community settings. Prerequisite: SPED 730 or permission of instructor. LEC.

SPED 744. Assessment and Instructional Methods I: Learners with Hearing Loss. 3 Hours.
This course will provide an introduction to appropriate instructional methodology for teaching students who are deaf or hard of hearing at the early childhood, elementary, and secondary levels. Upon completion students will be familiar with legal issues, teaming, assessment, IEP development, curriculum planning, instructional methods, and transition. LEC.

SPED 745. Audiology and Aural Rehabilitation. 3 Hours.
This course will provide a broad overview of the components of an aural rehabilitation service delivery model including audiological diagnostics and assessment, selection and fitting of a variety of listening devices, and intervention strategies for auditory training and speech perception training. The emphasis of this course will be on the aural habilitation of children; therefore, each of the components of an aural (re)habilitation plan will be considered in relation to the needs of individual children and their families. LEC.

SPED 750. Curriculum and Methods in Early Childhood. 3 Hours.
This is a curriculum and methods course that addresses how to design, implement and evaluate developmentally appropriate curricula and programs for children from birth to six years of age. Issues of curriculum design and assessment are introduced as interrelated processes that include structuring learning environments and experiences that are responsive to children’s interests and abilities. Strategies for developing learning opportunities that are appropriate for young children, including children with special needs and children from diverse cultural, ethnic and linguistic backgrounds, will be explored. Students analyze and evaluate curriculum that focuses on facilitating progress in the domains of: a) social emotional development; b) cognitive development; c) language and communication development; d) adaptive behavior development; e) gross and fine motor development. Students also analyze and evaluate curriculum standards and frameworks for the young child’s acquisition of concepts, skills and dispositions that support the development of early competencies and interest in literacy, mathematics, the sciences, social studies, the arts and individual and group sports. Prerequisite: Admission into the ECU - Birth through Kindergarten graduate initial licensure teacher education program in the Department of Special Education or permission of the instructor. SPED 752 or its equivalent (may be taken concurrently). LEC.

This course is designed for teachers seeking the Adaptive certification to teach students with High-Incidence Disabilities (Adaptive). Students will learn how to select, administer, score, and interpret formal and informal assessments; make data-based instructional decisions for students with specific learning disabilities, with social and emotional needs and disorders in behavior, mild mental retardation, and/or who experience other chronic health impairments. Individually chosen and administered tests, as well as high-stakes assessments, and will be discussed. Prerequisite: SPED 631 or SPED 731. LEC.

SPED 752. Overview of Early Childhood and Early Childhood Special Education. 3 Hours.
The course serves as an introduction to the profession including historical, philosophical, social and psychological foundations, awareness of value, ethical and legal issues, staff relations and the importance of becoming an advocate for children and families. Students will analyze/interpret trends in early education, including diversity, early childhood special education, family centered practices, legislation, public policy, and developmentally appropriate practice. The two key professional organizations, National Association for the Education of Young Children (NAEYC) and Division of Early Childhood for the Council for Exceptional Children (DEC), recommended practices serve as the foundation for understanding the roles, knowledge and competencies of the early educator. Prerequisite: Admittance into the ECU - Birth through Kindergarten graduate initial licensure teacher education program in the Department of Special Education or permission of the instructor. LEC.
SPED 753. Assessment in Early Education. 3 Hours.
This course examines the practice of gathering information for the purpose of making individual referral and instructional decisions for infants, toddlers, and young children with and without special needs. Discusses effective informal assessment techniques and emphasizes an ecological approach to gathering information. Introduces standardized assessment and screening instruments and provides an overview of the purposes and limitations of such tests. Prerequisite: Admission into the ECU - Birth through Kindergarten graduate initial licensure teacher education program in the Department of Special Education or permission of the instructor. LEC.

SPED 755. Inclusive Strategies and Interventions for Preschoolers: 3 Hours.
This is a methods course that covers instructional approaches and procedures that offer developmentally appropriate, effective and inclusive early intervention for preschool and kindergarten age children who experience developmental delays, disabling conditions or who are at-risk for developmental problems and disabilities. It is directed toward: (a) "how" to teach, or the technical components of developing and delivering effective instruction that provide access to the general early childhood curriculum within recognized approaches to early childhood education for young children, and (b) the "what" to teach, or the selection of developmentally and individually appropriate child objectives as well as specific materials and specialized instructional approaches. The relationship of instructional planning to state and federal mandates will also be considered. The course is primarily intended for persons who are currently working toward certification in the ECSE program area. Prerequisite: Admission into the ECU - Birth through Kindergarten graduate initial licensure teacher education program in the Department of Special Education or permission of the instructor. SPED 752 (may be taken concurrently). LEC.

SPED 756. Special Education Leadership. 3 Hours.
This is an introductory course in special education law and policy implementation. It is designed to provide school and district administrators, and other special education stakeholders, with a basic understanding of key points in the history of special education law and policy. It focuses primarily on the Individuals with Disabilities Education Act (IDEA) and its core concepts, with particular attention to Least Restrictive Environment (LRE). This course is designed to provide a working knowledge of IDEA's procedural requirements, the preferred practices associated with implementing the procedures in schools, criticism of these practices and their implementation, and ideas for addressing these criticisms in ways that promote more equitable and inclusive special education practices. Prerequisite: Degree in Special Education, School Psychology, or related fields. LEC.

SPED 757. History, Context, and Critique of Special Education. 3 Hours.
This course is designed to provide school and district administrators, and other special education stakeholders, with a general understanding of the history of the treatment of individuals with disabilities and the development of special education law and policy over time. It foregrounds current issues in the post-IDEA organization of the field, highlighting the goals and challenges of democratic leadership and civic professionalism in relation to special education. The course concludes with a final paper and online presentation examining how history, disability, difference and justice inform special education leadership, both in theory and in practice. Prerequisite: Degree in Special Education, School Psychology, or related fields. LEC.

SPED 758. Appropriate Education and Least Restrictive Environment. 3 Hours.
This course is designed to give school and district administrators, and other special education stakeholders interested in special education leadership, a deep understanding of two core principles of the Individuals with Disabilities Education Act (IDEA). These are: (1) appropriate education; and (2) least restrictive environment. The course continues the same pattern established in the previous courses for this four-course program. It introduces these core IDEA concepts, features a week of criticisms of those concepts, and follows with a week on remedies to address key issues identified. The last two modules of the course focus on the Individualized Educational Plan and inclusive practices. The course concludes with a final project. Prerequisite: Degree in Special Education, School Psychology, or related fields. LEC.

This course is designed to give school and district administrators, and other special education stakeholders interested in special education leadership, a deep understanding of three of the core principles of the Individuals with Disabilities Education Act (IDEA). These are: (1) non-discriminatory evaluation; (2) parent participation; and (3) procedural due process. The course continues the same pattern established in the previous courses for this four-course program. It introduces these three core IDEA concepts, features a week of criticisms of those concepts, and follows with a week on remedies to address key issues identified. The last two modules of the course focus on the Individualized Educational Plan and inclusive practices. The course concludes with a final project. Prerequisite: Degree in Special Education, School Psychology, or related fields. LEC.

SPED 760. Introduction to Autism Spectrum Disorders. 3 Hours.
An introductory graduate-level course on autism spectrum disorder. Addresses characteristics of children and youth with autism spectrum disorder. Also surveys trends, issues, and evidence-based practices promoting academic, social, behavioral, and communicative development of learners with autism spectrum disorder. LEC.

The purpose of this course is to provide an introduction to positive behavioral support (PBS). The lessons contained within this course include an overview of positive behavioral support, the basics of behavior, an introduction to specific positive behavioral support strategies, and a lesson on preventing problem behavior. LEC.

This course introduces current functional assessment methods that are used to build effective behavioral support plans. A strong functional assessment is at the heart of Positive Behavioral Support. After completing this course, you will have a better understanding of how to implement functional assessment methods in your classroom. LEC.

SPED 763. Development and Implementation of PBS Plans. 1 Hour.
A positive behavioral support plan (PBS) describes how features of the environment associated with problem behavior will be modified, what and how skills and strategies will be taught, and how individuals supporting a student will respond to both positive and problematic behavior. This course contains lessons on designing PBS plans, implementing PBS plans, and modifying and assessing PBS plans. LEC.

SPED 764. Intervention Strategies for PBS-I. 1 Hour.
The purpose of this course is to introduce interventions that can be used as part of a comprehensive positive behavioral support plan. An effective positive behavioral support plan contains multiple intervention
strategies that address the function maintaining a student's problem behavior. This course contains lessons addressing setting events, antecedent interventions, replacing problem behavior, and consequence interventions. LEC.

SPED 765. Intervention Strategies for PBS-II. 1 Hour.
The purpose of this course is to introduce three types of interventions that can be used in positive behavioral support. An effective positive behavioral support plan contains multiple intervention strategies that address the function maintaining a student's problem behavior. This course contains a lesson on social skills education, crisis prevention, and interventions addressing physiological factors that influence a student's problem behavior. LEC.

SPED 766. Redesigning Environmental Systems. 1 Hour.
The purpose of this course is to describe how positive behavioral support can be used to redesign the environment at a systems level. Considering the larger issues within a system including the broader environment, the values and beliefs held by staff, policies and procedures that promote ongoing learning, and collaborative problem solving processes within a school will improve implementation of long-term positive behavioral support efforts. This course contains lessons on classroom management, staff development, and school-wide discipline. LEC.

SPED 767. Creating Positive Lifestyles through PBS. 1 Hour.
One of the most important outcomes of a positive behavioral support plan is an increase in the quality of life for both the student and everyone within the student's social network. The purpose of this course is to introduce topics related to creating positive lifestyles including person-centered planning, self-determination, and quality of life. LEC.

SPED 772. Participation with Children and Youth with Disabilities: _____, 1-3 Hours.
A course designed to provide field experiences with children and youth with disabilities in settings where educational services are provided. Students work directly with professionals such as special education teachers, general education teachers, therapists and other support personnel. Students participate as aides, tutors, and instructors with individual and small groups of children and youth. Ongoing meetings with supervisors are designed to facilitate both reflection and strategic learning. FLD.

SPED 774. Education of Secondary and Post-Secondary Level Exceptional Students: _____, 1-3 Hours.
A course based on the problems and needs of secondary and post-secondary level handicapped students with a focus on curriculum alternatives (academic and vocational), instructional planning options, instructional methods and materials and educational and community resources. The focus is on both mildly and moderately handicapped students. Prerequisite: Appropriate section of SPED 735 which may be taken concurrently. LEC.

SPED 775. Practicum with Children and Youth with Disabilities: _____, 1-10 Hours.
Intensive diverse and direct teaching experiences with children and youth with disabilities in educational settings. This practicum is a requirement for provisional endorsement according to KSDE. Students who have completed SPED 775 cannot enroll in SPED 675 within in same curricular area. Prerequisite: Varies by topic. FLD.

SPED 785. Application of Assessment Information for Exceptional Children and Youth: Autism Spectrum Disorder. 3 Hours.
An analysis of information derived from assessment instruments and procedures appropriate to measuring the social and cognitive development of exceptional children and youth. Provides experiences in determining assessment data required in the development of individualized educational programs (IEP). Attention is also given to the design of informal assessment procedures, specific to the needs of exceptional children and youth. Experience is provided in the preparation and presentation of assessment data for use in instructional planning conferences. Prerequisite: SPED 760; SPED 860; SPED 785. LEC.

SPED 790. Methods for Learners with Higher-Functioning Autism Spectrum Disorder. 3 Hours.
This is a methods course, with special emphasis on learners with high-functioning autism spectrum disorder. Particular attention is given to evidence-based practices and strategies for teaching, managing and promoting social skill and social communication development and proactive social interactions. Prerequisite: SPED 760; SPED 860; SPED 785. LEC.

SPED 793. Psychology of Deafness. 2 Hours.
Reviews of the literature pertaining to psychological evaluations of the deaf and hard of hearing. Divergent views of deafness, type and degree of deafness are considered. Prerequisite: SPED 791. LEC.

SPED 798. Special Course: _____, 1-5 Hours.
A special course designed to address topical issues. Graded on a satisfactory/unsatisfactory basis. LEC.

SPED 800. Teaching Language and Communication Skills to Students with Autism and Developmental Disabilities. 3 Hours.
Course covers aspects of communicative behavior of learners with autism and other developmental disabilities. Emphasis is on a verbal behavior approach and evidence-based practices for teaching communication skills including symbol exchange systems, augmentative and alternative communication strategies, and speech generating devices. Methods for evaluating intervention fidelity and effects on communicative behavior are covered along with strategies to support collaboration between speech and language pathologists and other individualized education team members. Prerequisite: Completion of SPED 760 and SPED 860 or instructor approval. LEC.

SPED 801. Practicum in School Psychology. 4 Hours.
Supervised practice in the application of psychological theory to educational problems. Includes work useful with exceptional children as well as experiences in the application of such areas as mental hygiene and learning theory to problems involving the total school population. (Same as EPSY 910.) Prerequisite: Permission of advisor and instructor. FLD.

SPED 802. Advanced Practicum in School Psychology. 4 Hours.
A continuation of SPED 801 with special emphasis on remedial techniques associated with learning difficulties. (Same as EPSY 911.) Prerequisite: SPED 801 and permission of advisor and instructor. FLD.

Designed for teachers, specialists who manage intervention programs, and graduate students pursuing intervention research in mathematics, this course explores mathematics development, methods for designing and testing mathematics interventions, and procedures for developing mathematics programs for students. The focus of this course is on the mathematical development and intervention for students with learning disabilities at the elementary level (K-5), considerations for students learning English alongside learning mathematics, and tiered interventions in general and special education. LEC.

SPED 804. Designing Online Instruction for E-Learning Environments. 3 Hours.
The focus of the course is on the status of e-learning at the K-12 and postsecondary levels and the process of designing content for e-learning applications. Attention will be given to design features, content structuring,
**SPED 805. Practicum in Individual Intelligence Testing. 4 Hours.** Practicum training, by arrangement, in administration and interpretation of test results for school situations with particular emphasis on the Stanford-Binet. Prerequisite: Permission of instructor. FLD.

**SPED 809. Language Assessment and Instruction II: Learners with Hearing Loss. 3-6 Hours.** This course covers assessment and instruction of speech skills for students who are deaf or hard of hearing. A historical review of the emphasis placed on speech development in deaf students will be provided. Students will learn formal and informal methods of assessment, developmental order and classification systems for English language sounds, and visual, auditory, and tactile facilitation techniques. Auditory training programs and techniques will be emphasized. LEC.

**SPED 810. Speech Assessment and Instruction III: Learners with Hearing Loss. 3-6 Hours.** The purpose of this course is to prepare students to provide effective language assessment and instruction to students who are deaf or hard of hearing. This course focuses on the effect of hearing loss on assessment, language and reading, communication options, and instructional strategies. LEC.

**SPED 811. Methods of Teaching Elementary School Subjects to the Deaf. 3 Hours.** Focus is on development of skills in adapting materials and methods of teaching science, math, social studies, spelling, and writing to hearing impaired students. Emphasis is placed on problems, trends and procedures used in career education specifically for the hearing impaired. Prerequisite: SPED 711. LEC.

**SPED 812. Instructional Approaches in Inclusive Elementary Settings. 2 Hours.** This advanced method course provides curriculum design and instructional procedures appropriate for students at the elementary and middle school levels, including functional academic, social, and home and community life skills. NOTE: This is a 2 credit course to be offered during the first 8 weeks of a semester. It will precede SPED 814 in the same semester. Prerequisite: SPED 614 or SPED 714: Learning Styles and Instructional Accommodations. LEC.

**SPED 814. Instructional Approaches in Inclusive Secondary Settings. 2 Hours.** This advanced method course provides curriculum design and instructional procedures for students at the secondary level, including career preparation and transition from school to adult life in the community. Prerequisite: SPED 614 or SPED 714: Learning Styles and Instructional Accommodations. LEC.

**SPED 839. Management Principles and Assessment Procedures for the Young or Severely Handicapped. 2-3 Hours.** Examines basic learning procedures and techniques that are essential to programming efforts with the severely or young handicapped. Includes assessment scales, writing instructional programs, measuring operant behavior and evaluating operant behavior. Task and concept analysis related to treatment programs. Prerequisite: Students in the Early Childhood for the Handicapped program must enroll in one hour of practicum, SPED 775. Students in the Severely Handicapped Program must have completed SPED 726. LEC.

**SPED 840. Program Planning in Special Education-Early Childhood. 3 Hours.** This course is designed to provide knowledge and skills to implement federal and state development mandates for special education and related services programs for young children from birth to five. It covers procedures for developing, implementing, and evaluating (a) instructional accountability for these children’s participation in the general early childhood curriculum, (b) relationships between general and special early education personnel and programs; (c) roles and responsibilities; (d) interdisciplinary team planning including families; (e) coordinating, educating, and supervising paraeducators; and (f) general management responsibilities associated with instruction of young children with disabilities. Prerequisite: SPED 760 or SPED 860, which may be taken concurrently. LEC.

**SPED 841. Advanced Methods & Assessment: Learning Strategies & Content Mastery for Struggling Learners & Students with Significant Behavior, Social & Emotional Needs. 3 Hours.** This course is designed for graduate students enrolled in the Masters of Science Program with an emphasis in school-age populations primarily with high mild disabilities or seeking to obtain a license to teach students needing an adapted curriculum in Kansas. Course experiences focus on how to identify and implement evidenced-based practices designed to increase the success of students with mild disabilities in mathematics, social studies, science, and language arts through their participation in general and special education classrooms primarily in grades 4-12. This course emphasizes practices associated with understanding and evaluating curricular demands, monitoring student progress in content-area courses, providing tiered supports and accommodations in teaching, using assessment and grading alternatives, and incorporating the principles of explicit and strategic instruction to design instruction that will promote and enhance content-area learning. The course is intended for persons working toward the Kansas teaching license in teaching students needing an adapted curriculum. Prerequisite: SPED 730, SPED 741, admittance into the High Incidence Disabilities program in the Department of Special Education, or permission of the instructor. LEC.

**SPED 842. Methods in Access and Inclusion in the Core Curriculum. 3 Hours.** This course focuses on foundational skills for setting up an inclusive program that meets the needs of students with low-incidence disabilities in general education settings. The course will emphasize many of the “behind-the-scenes” strategies and activities that must be completed on a regular basis to make inclusive education effective and efficient. Prerequisite: SPED 635 or SPED 735 and SPED 642 or SPED 742: LEC.

**SPED 843. Advanced Methods & Assessment: Strategies for Students with Significant Behavior, Social & Emotional Needs. 3 Hours.** This course is designed to introduce educators and related service professionals to prevention and intervention related to a broad range of antisocial, aggressive, and behavioral problems. Approaches focus on understanding and addressing the precipitating factors related to inappropriate behavior, short-term approaches for immediate crises, and problem-solving strategies for longer-term change. Course content will include antisocial, aggressive, and violent behavior; options for classroom interventions; school and system-oriented interventions, and ethical and legal issues involved in various prevention and intervention approaches. Class work will focus on literature, research-based intervention approaches, and case work illustrating specific approaches and programs. Prerequisite: SPED 631 or SPED 731, SPED 741, and SPED 743. LEC.
SPED 844. Advanced Methods in Access and Inclusion in the Core Curriculum. 3 Hours.
This course develops critical skills for implementing an inclusive program that meets the needs of students with low-incidence disabilities in general education settings. The course will emphasize many of the day-to-day strategies and activities that must be completed on a regular basis to make inclusive education effective and efficient for all learners. Prerequisite: SPED 635 or SPED 735 and SPED 642 or SPED 742. LEC.

SPED 850. Curriculum Planning for Exceptional Children and Youth. 3 Hours.
Provides experiences in applying information on identifying learning and behavioral characteristics of exceptional children and youth. Practices in adapting curriculum materials to meet the needs of the handicapped. Prerequisite: SPED 725 and SPED 735. LEC.

SPED 851. Law and Special Education. 3 Hours.
This course focuses on laws that apply to special education, especially "Individuals with Disabilities Education Act" and "No Child Left Behind Act." The American legal system, particularly in respect to special education, the constitutional and statutory provisions of federal and state law, and judicial decisions interpreting those laws are reviewed. The course relates equal protection, procedural due process, and substantive due process doctrines to school practices affecting students with disabilities and examines the six principles of P. L. 94-142 and similar principles in state legislation. (Same as ELPS 856.) LEC.

SPED 852. Citizens with Disabilities, Public Policy, and Policy Analysis. 3 Hours.
Students to analyze public policy that affects citizens with disabilities, various models of analysis are brought to bear on federal policy (e.g., education, transportation, housing, institutionalization, protection and advocacy, medical assistance, employment, vocational rehabilitation, and others). This course is not valid for core requirement in history and/or philosophy of education. Prerequisite: SPED 851 or permission of instructor. LEC.

SPED 853. Professional Ethics, Public Values and Disabled Citizens. 3 Hours.
This course addresses the issues that professionals (educators, physicians, allied health providers, attorneys and others) and families of disabled people face in the context of public values and attitudes and rules of law. The issues include, without limitation, education, treatment and non-treatment. Not valid for core requirement in history and/or philosophy of education. Prerequisite: SPED 750, SPED 851, SPED 852 or permission of instructor. LEC.

SPED 854. Family and Interprofessional Collaboration in Special Education. 3 Hours.
This course is designed to provide knowledge and skills to implement federal and state mandates for special education and related services programs as they relate to building and maintaining relationships with families of students with disabilities, and developing effective school programs. It covers procedures for developing, implementing, and evaluating (a) instructional accountability for special education students' participation in district and state assessment; (b) relationships between general and special education personnel and programs; (c) roles and responsibilities; (d) interdisciplinary team planning including families; (e) coordinating, educating, and supervising paraeducators; and (f) general management responsibilities associated with instruction of children and youth with disabilities. Course topics will include collaboration in schools, community systems and families, historical perspectives of family life and school involvement, effective relationships between home, school, community, communication among professionals and with families, school-based programs, home-based programs, and multicultural considerations. Prerequisite: SPED 631 or SPED 731, or SPED 632 or SPED 732, or SPED 735. LEC.

SPED 856. Transition Education and Services from Childhood through Adulthood. 3 Hours.
The purpose of this course is to provide a background in career development and transition education for persons with disabilities from middle school through adulthood. Emphasis is placed on IDEA requirements for transition services, career development and transition processes, transition services assessment, secondary special education curricular implications, career development and transition service needs, collaborative services in schools and communities to promote quality transition services, and issues and trends in transition education and services. LEC.

SPED 857. Career Development for Youth. 3 Hours.
The purpose of this course is to provide graduate students in special education and related areas who are specializing in secondary school/transition programs with an overview of career development for youth with disabilities. Emphasis is placed upon theory and practice related to career development, workbased learning, and school and community vocational training models. Prerequisite: SPED 856. LEC.

SPED 858. Assessment for Transition Planning. 3 Hours.
This course is designed to provide a review of psychometric principles and their utility as a foundation for quality assessment in transition assessment and planning for youth with disabilities. Formal and informal assessments across a range of transition planning areas are reviewed and evaluated. Skills in curriculum-based assessment, rating scales, situational assessment, and functional assessment are emphasized. Prerequisite: SPED 856 or permission of instructor. LEC.

SPED 859. Interagency Services for Transition to Adulthood. 3 Hours.
The purpose of this course is to provide an overview of interagency and community services and systems for adolescents and young adults with disabilities. Emphasis is placed on theory and practice related to interagency collaboration; systems change efforts in transition services; and state-of-art practices regarding supporting individuals with disabilities in community employment, living, socialization, community participation, and other areas of adult life. Prerequisite: SPED 856. LEC.

SPED 860. Education of Children and Youth with Disabilities: Autism Spectrum Disorder. 3 Hours.
This course is designed to prepare students to implement evidence-based strategies for individualized and group instruction. Methods for developing and implementing overall treatment/educational programs, planning or selecting curriculum/service models for programs, and developing instructional materials are emphasized. Procedures for managing classroom staff and service resources, coordinating educational programs with families, other service personnel and program support staff, and monitoring overall program effectiveness are addressed. Prerequisite: SPED 760. LEC.

SPED 861. Blending Academics and Transition. 3 Hours.
The purpose of this course is to provide graduate students with research evidence of each of the components of universal design for learning within access to the general academic curriculum: multiple means of representation, expression, and engagement. Prerequisite: SPED 856. LEC.

SPED 862. Work-Based Learning. 3 Hours.
The purpose of this course is to provide graduate students with models and strategies to develop and coordinate meaningful work experiences for youth with disabilities. Emphasis is placed on practical strategies for
engaging with community businesses, developing and customizing jobs and supporting youth in the workplace. Prerequisite: SPED 856. LEC.

SPED 863. Student Engagement in School and Community. 3 Hours.
The purpose of this course is to provide graduate students in special education and related areas who are specializing in secondary school/transition programs with an overview of models and issues pertaining to school and community engagement for secondary age youth. Prerequisite: SPED 856. LEC.

SPED 871. Advanced Practicum with Exceptional Children Needing an Autism Spectrum Curriculum. 3 Hours.
This is an advanced practicum experience for the graduate student teaching children and youth with autism spectrum disorder (ASD). The practicum is designed to provide intense, diverse and direct teaching experiences with children and youth who have learning and behavioral needs in the mild through moderate range and who have been identified with ASD. Prerequisite: SPED 760; SPED 860; SPED 785; SPED 790; SPED 800; SPED 743. LEC.

SPED 874. Planning for Adult Outcomes: _____. 1-3 Hours.
The problems, trends, issues, and procedures used in planning life skills, occupational and vocational skills, and transition from school to adult living for persons with disabilities. Separate sections will be organized by topics pertaining to career/vocational development, assessment, and transition programs and services. These will include: (a) transitions from early childhood to adulthood, (B) application of assessment information, and (c) vocational preparation and evaluation. Prerequisite: SPED 725 (may be taken concurrently). LEC.

SPED 875. Practicum with Children and Youth with Disabilities: _____. 1-10 Hours.
This course is designed to provide intensive field work and direct teaching experiences with children and youth with disabilities in educational, residential, and clinical settings. Prerequisite: SPED 775. LEC.

SPED 879. Conferencing with Parents of Exceptional Children and Youth: _____. 3 Hours.
A course to develop knowledge and skills in the techniques of interviewing and conferencing, with special application to the professional, legal and ethical problems related to working with parents of exceptional children. Prerequisite: SPED 425 or SPED 725. LEC.

SPED 880. Coordination and Supervision of Services for Exceptional Children. 3 Hours.
An analysis of the role of the special education coordinator and supervisor. Particular attention will be given to: program development; planning, organizing, and delivering inservice training; personnel recruitment, selection, and evaluation; program management; and program evaluation. Students will relate the topical content to their specific area of expertise in special education. Prerequisite: SPED 425 or SPED 725 and six additional semester hours in special education. LEC.

SPED 890. Interdisciplinary Programming for Children and Youth with Disabilities. 3 Hours.
This course is designed to provide students a survey of disciplines which contribute to care and treatment of students with disabilities. Emphasis on professional roles, team participation, case management, and reporting and follow up. Disciplines include medicine, education, audiometry, psychology, speech pathology, occupational therapy, physical therapy, music therapy and social work. Prerequisite: SPED 425 or SPED 725. LEC.

SPED 896. Capstone Adaptive Program Seminar. 3 Hours.
This course is designed to be a culminating experience for Adaptive Program students who choose to complete their masters programs with a comprehensive masters examination instead of one of the other program options (i.e., project or thesis). Students will complete this course during the final semester of their programs. Participants will review current issues, evidence-based practices, home-school considerations, state and federal regulations, and Kansas standards regarding appropriate education for students with mild to moderate disabilities (i.e., Adaptive category designation). The course is a prerequisite for the departmental comprehensive examination in the Adaptive area. LEC.

SPED 897. Independent Study. 1-4 Hours.
Prerequisite: Consent of advisor and instructor. RSH.

SPED 898. Master's Project. 1-4 Hours.
Graded on a satisfactory progress/limited progress/no progress basis. RSH.

SPED 899. Master's Thesis. 1-6 Hours.
Graded on a satisfactory progress/limited progress/no progress basis. THE.

SPED 910. Advanced Application of Behavioral Management Techniques to Exceptional Children and Youth. 3 Hours.
Theory and principles of behavioral analysis. Emphasis will be given to observation, measurement, recording, and visual display techniques. Other topics include maintenance and generalization of behavior change. Students will be provided experience in the design and carrying out of research studies related to exceptional children and youth using principles and methods of behavioral analysis. Prerequisite: SPED 425 or SPED 725 and SPED 839. LEC.

SPED 915. Advanced Curriculum Development for Children and Youth with Disabilities. 3 Hours.
This course is designed to provide principles of development, needs assessment, evaluation and dissemination applied to curriculum products. Analysis of organizational and conceptual features of major curriculum development projects for students with disabilities are addressed; participants design curriculum procedures. Prerequisite: Twelve semester hours in special education and a general curriculum course. LEC.

SPED 920. Management of Instructional Resources for Exceptional Children and Youth. 3 Hours.
Designed for individuals with responsibilities for the operation of instructional resource centers and educational programs serving exceptional children and youth. Experiences relate to: selection, acquisition, circulation, and management of special education instructional media/materials and the delivery of inservice training specific to their skills. Prerequisite: Professional preparation and/or experience in the Education of Exceptional Children and Youth and CI 616, Introduction to Educational Communications. LEC.

SPED 925. Medical Aspects of Handicapping Conditions. 3 Hours.
The organization of this course follows the chronology of an individual's total development from genetic origin through fetal development, perinatal, infancy, childhood, and adolescence. Emphasis is given to etiology and implications of handicapping conditions on development. Attention is given to prevention, treatment, and habilitation or rehabilitation of various conditions. Prerequisite: SPED 725. LEC.

SPED 930. Praxis Seminar: Scholarship and Writing. 3 Hours.
Course assists first-year doctoral students in (a) developing a scholarly identity and technical skills in the areas of teaching, scholarship, and service, (b) developing a critical understanding of the scholarship informing special education practices and policies through course readings and seminar discussions, and (c) developing the skills to complete a comprehensive, critical review of a topic in the field of special education and disability. Prerequisite: Doctoral student status in Special Education. LEC.
SPED 932. Praxis Seminar: Scholarship of Teaching. 3 Hours.
Course assists doctoral students in learning (a) what is known about
effective teacher education, (b) how that knowledge is translated into
practice, and (c) what methodologies can be enlisted to conduct cutting-
edge teacher education research. Prerequisite: Doctoral student status in
Special Education. LEC.

SPED 936. Cross-Spec I: Conceptual Issues in Special Education. 3
Hours.
The focus of the seminar is current and historically-significant disability-
related special education issues and problems (e.g., inclusive education,
effective instruction, race and social class bias) that both intersect and
implicate the various special education doctoral specializations. Because
such problems tend to be intractable, the seminar is designed to build
student capacity for conceptualizing and addressing them by exploring
forms of disciplinary, interdisciplinary, and specialization scholarship
and inquiry applicable to (re)frame and potentially resolving them.
Prerequisite: Doctoral student status in Special Education. LEC.

SPED 937. Cross-Specialization Seminar II: Methodological Issues in
Special Education. 3 Hours.
Cross-Specialization Seminar II will focus on methodological traditions
and emerging issues in special education related to the application of
research design and analysis to disability-related special education
issues and problems. Thus, the work of the seminar is designed to build
students’ capacity for conceptualizing research methods and
critiquing their application within their area of specialization to enable
solutions to our field’s wicked or intractable problems by exploring forms
of disciplinary, interdisciplinary, and specialization scholarship and inquiry.
Prerequisite: SPED 936 Cross-Specialization I. SEM.

SPED 949. Specialist Research. 1-4 Hours.
RSH.

SPED 950. Civic Professionalism. 3 Hours.
This course is concerned with the relationship between professions and
society in a democracy, and specifically, with the ethics and practices
associated with the professions of education, special education, and
other disability-related fields. Models of professionalism are compared
and advantages of civic professionalism for individuals with disabilities
and their families, the professions, and society as a whole are explored.
Lessons drawn from disagreements over questions such as the nature
and social consequences of the professions are used to broaden
understanding of what professionalism could and should be in a
democracy. Prerequisite: Admission to doctoral program. LEC.

SPED 951. Supporting Early Childhood/Early Childhood Special
Education Practitioners in Evidence Based Practice. 3 Hours.
This course will add to the formation of doctoral students as scholars who
support practitioners as they strive to be effective consumers of research
and implement evidence based practice. The course will address history
and current trends, issues/problems and associated methodologies,
key leaders, and schools of thought for the fields of Early Education/ 
Early Childhood Special Education with a focus on educator preparation.
This course includes active involvement in teaching Early Childhood
Unified masters degree students participating in SPED 752, Overview of
Early Childhood/Early Childhood Special Education. Doctoral students
will help plan and teach SPED 752 course sessions as well as mentor
SPED 752 students, who are developing understandings of and writing
about evidence based practice. Prerequisite: Admission to the Special
Education Doctoral program or instructor permission. SEM.

SPED 954. Disability, Justice and Democracy. 3 Hours.
This course is concerned with what justice requires for people with
disabilities, and in this regard, with the institutional, political, and cultural
barriers to these requirements today and historically. As such, it is
an interdisciplinary treatment of the place of disability in theories of
justice from Rawls’s contractarian theory of justice through Nussbaum’s
capabilities approach, as well as a critical-theoretic analysis of injustice
among people with disabilities from the Enlightenment to contemporary
society. Prerequisite: SPED 950 or permission of the instructor. LEC.

SPED 955. Intersectional Oppression in Special Education Policy
and Practice. 3 Hours.
This course is designed to explore the ways in which difference is
traditionally perceived and respond to in special education policy and
practices in the United States. We will examine how larger systems
and individual perceptions about multiple forms of difference and
larger social processes, intersectionality, conspire to create particular
forms of injustice. Students in the course will analyze the processes of
intersectionality to understand how students at the intersections of
multiple oppressions experience education within communities of practice
that enact, reproduce, and resist policies through their daily activities.
We will build an understanding of intersectionality as a “method and a
disposition, a heuristic and an analytic tool.” Furthermore, we will explore
how these students need access to opportunities to dismantle systemic
inequities, which will support their engagement with formal learning
communities such as schools. Prerequisite: Admission to the Special
Education doctoral program or instructor permission. SEM.

SPED 956. Families, Diversity, and Special Education. 3 Hours.
This course will engage students in analyzing, evaluating, and planning
for conducting research into an array of equity issues for families of
students with or considered “at risk” for disabilities associated with the
programs and professionals that serve them. Students will critically
engage the origins and reproduction of dominant discourses regarding
families from diverse backgrounds, drawing on interdisciplinary frames
and research approaches for identifying systemic inequities within
educational institutions for families and their children from diverse racial,
ethnic, social class, and linguistic backgrounds. Prerequisite: Admission to
a doctoral program. SEM.

SPED 957. Instructional Technology and Design for Individuals with
Diverse Learning Needs. 3 Hours.
This course is designed to provide students with a foundational
understanding and analysis of emerging critical topics and research in
instructional design, technology innovation, implementation of innovation
across higher education and k-12 environments as it relates to struggling
learners, especially individuals with disabilities. The focus of the course is
to contextualize issues in design, planning, development, implementation,
and evaluation of technology as it aligns to the needs of struggling
learners and their peers with identified disabilities. Topics will include
Assistive Technology (AT), Instructional Technology (IT), Universal
Design (UD), Universal Design for Learning (UDL), models of instructional
design, usability, human-factors/performance measurement, blended and
online learning (higher education k-12), adoption/abandonment, outcome
measures, Technological Pedagogical Content Knowledge (TPACK)
and current trending topics related to research, teacher education, and
implementation of IDT in higher education and k-12 education, again,
as it applies to the relevant needs of struggling learners and their peers
with disabilities. Students will be required to coordinate requirements with
research teaching competencies and outcomes of the special education
doctoral program specific to the IDTI specialization. Prerequisite:
Admission to a doctoral program. SEM.

SPED 958. Advanced Research in Universal Design for Learning. 3
Hours.
As we understand more about the learning process, the more we
recognize the importance of design. Simple modifications to the learning
environment and the instructional process can shape whether learners
access, process, and develop understandings within the experience. As future leaders, it is important for you to understand and continually reflect on how the design elements within your research, teaching, and service will impact learners. Universal Design for Learning (UDL) provides a basis for thinking about the use of design within the learning process. As a scientifically-based instructional framework, UDL is focused on supporting the variability that exists in all learners. UDL integrates proactive as well as iterative instructional design across goals, methods, materials, and assessments to support the development of expert learners. This course is designed to expand on the foundational knowledge of UDL to support an interdisciplinary understanding across various fields of study that engage in the framework's advancement. Learners will develop understanding surrounding the contemporary issues and topics facing UDL in research, development, and implementation. Prerequisite: Admission to a doctoral program. SEM.

**SPED 959. Advanced Research and Analysis of Instructional Design and Technology for Diverse Learners. 3 Hours.**
Covers four themes relative to instructional design and technology innovation research for students with disabilities and diverse learning needs: (1) understanding initial usability testing in design and development of innovations, (2) basic comprehension of research methodologies applicable to design and technology analysis, (3) expansion of usability testing and similar formats to the increasingly K-12 environments within and outside the traditional brick-and-mortar setting, and (4) applying knowledge to initial design and implementation of research. Prerequisite: Admission to a doctoral program. SEM.

**SPED 960. Special Education Policy and Politics. 3 Hours.**
This course is concerned with political struggles associated with the formation of special education law and policy and its implementation in schools and associated institutions. Using an interdisciplinary theoretical framework that views policy development historically and institutionally, it analyzes the formation and implementation of the Individuals with Disabilities Education Act from its origins in disability-focused social movements to its implementation in largely resistive school organizations. Prerequisite: SPED 950 or permission of instructor. LEC.

**SPED 963. Self-Determination, Support Needs, and the Application of Positive Psychology to Disability. 3 Hours.**
Practices pertaining to the third wave of the disability movement and the third generation of inclusive education emphasize strengths-based models that conceptualization disability not as a deficit within the person, but in the context of the gap between personal capacity and the demands of the environment. This course will provide students with in-depth instruction and reading pertaining to 21st century understandings of disability, how strengths-based positive psychology can contribute to the education of students with extensive and pervasive support needs, and how supports-paradigms and assessments (Supports Intensity Scale for Children) can be used to identify and provide needed supports to students with more extensive support needs. Because of the aforementioned changing understandings of disability and a movement to a supports paradigm emphasizes the importance of promoting the self-determination of all students, including students with extensive and pervasive support needs, the second half of the course will provide a life span survey of the self-determination construct, examining evidence-based theories of the construct and their application to the education of students with disabilities; the importance of promoting self-determination to academic and transition-related outcomes, and roles of families and others in the development of self-determination. Prerequisite: Admission to a Doctoral program. SEM.

**SPED 964. Inclusion & Access to General Education Curriculum for Secondary Students w/Extensive Support Needs. 3 Hours.**
IDEA requires that all students be involved with and progress in the general education curriculum. This course will build on the previous two courses in the specialization to overview supplementary aids and services, special education services, and related services necessary to ensure that students with extensive and pervasive support needs are provided instruction and are successful in the general education curriculum. The course will focus on the importance of inclusive education, and the role of universal design for learning in the education of students with significant cognitive disabilities. Prerequisite: Admission to a doctoral program. SEM.

**SPED 965. College and Career Readiness for Students with Extensive and Pervasive Support Needs. 3 Hours.**
School reform has emphasized college and career readiness for all students. This course will examine the application of College and Career Readiness (CCR) to students with extensive and pervasive support needs. Theory and research will be examined during this class focusing on methods, materials, and strategies to ensure a successful transition from secondary education to college or a career for students with significant cognitive disabilities. Three themes, reflecting improvement science, research and translation to practice, serve as foundations for this course: (1) What is known about CCR from interdisciplinary theory and practice, (2) How do critical elements translate into successful translation for systems supporting students with significant disabilities, and (3) Is there consensus related to application of CCR theory and research for students with significant disabilities. Prerequisite: Admission to a doctoral program. SEM.

**SPED 966. Issues Related to Serving Students with Intensive Support Needs. 3 Hours.**
Course focuses broadly on current issues and trends in scientifically supported methods for identifying, assessing, and serving students with intensive support needs. Prerequisite: Admission to the Special Education doctoral program or instructor permission. SEM.

**SPED 968. Evidence-Based Practices for Students with Intensive Academic, Behavior, and Social Support Needs. 3 Hours.**
This course will focus on preventing the development of academic, behavior, and social challenges and responding effectively when challenges do occur. Course content will include the use of behavior and academic screening tools to detect and support students with and at risk for academic, behavior, and social challenges within comprehensive, integrated, three-tiered (CI3T) models of prevention. In addition, students will learn about evidence-based strategies, practices, and programs for supporting students with and without identified disabilities for whom Tier 1 efforts are insufficient. Students will develop their abilities to analyze, synthesize, and apply research methods related to design, implementation, and evaluation of Tiers 1, 2, and 3. Students will be required to coordinate requirements with research and teaching competencies and outcomes of the special educational doctoral program. Prerequisite: Admission to a doctoral program or permission from the instructor. SEM.

**SPED 970. Problems of Exceptionality: _____ 3 Hours.**
An extensive analysis of the literature and research pertinent to issues in a given disability. Separate sections are organized for various disabilities. Students may enroll in more than one section as a part of a graduate program. Prerequisite: Three courses in special education or permission of instructor. LEC.
SPED 971. Organization and Administration of Services for Children and Youth with Disabilities. 3 Hours.
This course is designed to prepare administrators and prospective administrators for organizing and administering educational programs for students with disabilities. Major topics include a review of current trends in special education, state and federal guidelines and regulations, legal and financing aspects of special education, program planning, and administration of special services. (Same as ELPS 959.) Prerequisite: Nine hours of education including educational psychology and SPED 725. LEC.

SPED 972. Issues and Trends in Special Education I. 2 Hours.
This course is designed to assist first-year special education doctoral students organize and synthesize a conceptual and substantive map of the field of special education and introduce them to corresponding faculty research interests and resources. Emphasis is placed on the academic writing expectations and resources of the field, university, and department, and on building a cohort of students to address common issues and to provide a foundation for peer support throughout the doctoral program. Prerequisite: Admission to special education doctoral program or permission of instructor. LEC.

SPED 973. Issues and Trends in Special Education II. 2 Hours.
This capstone seminar is designed to assist advanced doctoral students synthesize and evaluate information on a broad range of current and historically significant special education issues and trends in preparation for comprehensive examinations and future professional roles. Substantively, its primary focus is issues and trends that affect the entire field or cut across several areas of study and practice. Its secondary focus is significant issues and trends that affect particular categorical or functional sub-areas of study and practice within the field. Prerequisite: Completion of nine doctoral courses in special education, including 4 of 6 departmental Core courses. LEC.

SPED 974. Issues and Trends: Students with Learning Disabilities. 3 Hours.
This doctoral level course will explore current issues related to characteristics, educational methods and curriculum, and questions, problems, concerns and movements connected to the education of children and youth with learning disabilities, emotional/behavioral disorders and autism spectrum disorders. Prerequisite: Doctoral program admission or permission of instructor. LEC.

SPED 975. Advanced Practicum with Children and Youth with Disabilities: ______. 1-10 Hours.
Advanced development of conceptual and practical field-based skills. Prerequisite: SPED 775. FLD.

SPED 977. Learning Disabilities/Behavior Disorders Issues II. 3 Hours.
This course is designed to provide students an opportunity to engage in an extensive analysis of the literature and research pertinent to critical issues in the field of learning and behavioral exceptionality. Prerequisite: SPED 970 LD/BD Issues I; SPED 972 Trends and Issues in Special Education I. LEC.

SPED 980. Advanced Topics: ______. 1-3 Hours.
A special course of study to meet current needs of education professionals -- primarily for post-master's level students. LEC.

SPED 981. Changing Complex Systems. 3 Hours.
This course is designed to provide students with an overview of seminal leadership and systems change literature. Prerequisite: Admission to doctoral program. LEC.

SPED 982. Preparing Future Faculty. 3 Hours.
This course is designed to give students an introduction and overview of academic life and the roles and responsibilities of an academic career. Its primary purpose is to help develop a realistic perspective of the expectations of academic life and the competencies required for a successful start in an academic career. Organized around the broad themes of understanding the academy, faculty life and work, and academic career paths, course content addresses the roles and responsibilities of faculty life in different types of institutions and the issues faculty face as they pursue their academic careers. The course offers an opportunity for students to critically review their doctoral program in the context of preparing them for a successful start in an academic career and to explore options for academic career choices. Prerequisite: Doctoral program admission. LEC.

SPED 983. Research Funding and Proposal Development. 3 Hours.
This course is designed to teach a broad array of strategies associated with the development of successful proposals that will generate funds to support programmatic work. Among the topics covered in this course are sources of funding, strategies for conceptualizing and writing proposals, collaboration strategies, proposal peer-review process, and integrating proposal development activities into other professional responsibilities. Prerequisite: Admission to doctoral program and EPSY 710. LEC.

SPED 984. School Reform and School Community Partnerships. 3 Hours.
This is an interprofessional course in public policy and school reform that is concerned with current policy and systems transformations in education and child/family services, including educational, social and health service systems and the movement toward school-linked service integration strategies and family partnerships, called the "community school" movement. Issues connected with comprehensive school reform including the role of special education and mental health in this process will be emphasized. Particular emphasis will be placed on urban, multicultural issues affecting community schools. Prerequisite: Doctoral program admission or permission of instructor. LEC.

SPED 985. Naturalistic Research. 3 Hours.
This course is designed to develop skills in naturalistic or constructivist research, while situating it theoretically within the broader framework of modern and postmodern social inquiry, and exploring its social, political and ethical implications. The course develops students' skills in using this form of interpretive qualitative research, provides a theoretical framework for selecting inquiry paradigms, compares and contrasts positivist and constructivist inquiry, and reviews social and political implications of constructivist inquiry. Prerequisite: Six hours of statistics, measurement, and/or large or small group research design. LEC.

SPED 986. Trends and Issues Associated with Online Instruction. 3 Hours.
The course examines the opportunities, challenges, cautions, and demands of web-based instruction in higher education. It explores the policy implications of web-based instruction, development of collaborative learning skills utilizing telecommunications resources, and the design and technical aspects of online instruction. Particular attention is given to the implications of online instruction for accommodating needs presented by diverse learners through strategies such as universal designs. Prerequisite: Admission to doctoral program or permission of instructor. LEC.

SPED 990. Small Sample Empirical Research Methods. 3 Hours.
This course provides a detailed examination of research methods for advancing knowledge and validating hypothetically useful treatments in situations in which sufficient sample sizes to conduct formal experiments are lacking, the question of interest is better addressed by multiple
observations of treatment effects over time, and/or the question is best addressed by taking a variety of observations of a single unit of interest. Specifically, two small sample research methods will be examined in depth with examples and practical application experience: interrupted time series design for small samples ("single case" design), and Yin's empirical case study method. Prerequisite: Doctoral program admission or permission of instructor. LEC.

SPED 991. Family Outcomes in Special Education. 3 Hours.
This course focuses on analyzing and synthesizing research literature focusing on intermediate outcomes (e.g., family-professional partnerships) and long-term outcomes (e.g., family quality of life) related to families of children, youth, and adults with disabilities. Key family theories are discussed and applied in the development and implementation of interventions that have potential to increase intermediate and long-term family outcomes. Prerequisite: Three courses in special education or permission of instructor. LEC.

SPED 992. Seminar in Early Childhood/Intervention. 3 Hours.
This seminar examines research to support evidence-based practices that currently exist in the areas of early intervention and early childhood special education. The primary objective is to learn how to read and critically analyze studies that form the evidence base for several early intervention and early childhood special education practices. Primary goals of the class include the development of skills for evaluating research studies in early intervention and early childhood special education, and increasing knowledge of evidence-based practices in the early intervention literature. Prerequisite: Three courses in special education or permission of instructor. LEC.

SPED 995. Field Experience in: ___. 1-5 Hours.
Supervised and directed experiences in selected educational settings. Instructors conduct regular observations and conference with students. Written summaries and evaluations of field experiences are prepared independently by the student, a representative of the cooperating agency, and the instructor. Open only to advanced students and field experience credit in any one semester may not exceed five hours, and total credit may not exceed eight hours. FLD.

SPED 996. College Teaching Experience. 2 Hours.
This course is designed to prepare students for college teaching. Enrolled students shall engage in semester-long, planned instruction that includes college classroom teaching under supervision. Planning shall be done with a member of the faculty who will supervise the experience. FLD.

SPED 997. Individual Study. 1-4 Hours.
Prerequisite: Prior graduate course work in the area of study and consent of instructor. RSH.

SPED 998. Seminar in: ___. 1-4 Hours.
LEC.

SPED 999. Doctoral Dissertation. 1-15 Hours.
Graded on a satisfactory progress/limited progress/no progress basis. THE.