ED: Speech Language Pathology (EDSL)

Courses

EDSL A201 Foundations of Communication Disorders 3 Credits
Examines common developmental and acquired speech, language and hearing disorders, including etiologies, characteristics, prevention, assessment and intervention. Considers multicultural communication differences. Describes the interdisciplinary nature of the field of communication disorders, particularly as it relates to educational, health and developmental settings.

EDSL A301 Anatomy and Physiology of Speech and Hearing 3 Credits
Examines the anatomy and physiology of the systems involved in human communication and swallowing: respiration, phonation, articulation/resonance, nervous system, auditory system, and mastication/ deglutition. Examines the relationship between anatomy, physiology and disorders of communication.

Registration Restrictions: Departmental approval

EDSL A302 Phonetics 3 Credits
Explores the production, classification and transcription of speech sounds. Develops skills in transcription of speech at the vowel, consonant and single-world level as well as connected speech. Differentiates speech disorders from dialectic variations.

Registration Restrictions: Departmental approval

EDSL A303 Language Development Across the Lifespan 3 Credits
Explores the normal acquisition of language. This includes the components: the perceptual, social and cognitive bases; theories of language development; and how language evolves from infancy through adulthood. Also explores the impact of second language learning and cultural influences on language development.

Registration Restrictions: Departmental approval

EDSL A401 Phonology and Articulation Development and Disorders 3 Credits
Explores articulation and phonological development as well as disorders in relation to acquisition, multicultural factors, appraisal, differential diagnosis and remediation.

Registration Restrictions: Departmental approval

Prerequisites: EDSL A302 with a minimum grade of C or concurrent enrollment.

EDSL A402 Audiology 3 Credits
Explores normal hearing, causes and effects of impaired hearing, hearing testing procedures, and management of hearing loss.

Registration Restrictions: Departmental approval

EDSL A403 Aural Rehabilitation 3 Credits
Integrates the science of hearing loss identification and management with specific emphasis on the strategies speech-language and hearing professionals use in providing support and counseling. Also develops habilitation/rehabilitation plans to maximize auditory skills and promote communication success for children and adults.

Registration Restrictions: Departmental approval

EDSL A410 Speech Science 3 Credits
Explores the physiological and acoustic correlates of the speech production mechanism. Introduces speech science theory, instrumentation and measurement.

Registration Restrictions: Departmental approval

EDSL A411 Neurological Foundations of Speech and Hearing 3 Credits
Explores neuroanatomy and neurophysiology, including current research of nervous system structures and functions important for speech and language. Critically analyzes current theories of the neurophysiology utilized in speech and language.

Registration Restrictions: Departmental approval

Prerequisites: BIOL A100 with a minimum grade of C or BIOL A111 with a minimum grade of C or BIOL A113 with a minimum grade of C or BIOL A114 with a minimum grade of C or EDSL A301 with a minimum grade of C.

EDSL A695A Beginning Internship in Speech-Language Pathology 1-8 Credits

Registration Restrictions: Departmental approval

EDSL A695B Advanced Internship in Speech-Language Pathology 1-4 Credits
Provides supervised internship experiences in speech-language pathology in a variety of settings with clients/patients across the lifespan who experience diverse communication and/or swallowing disorders. Emphasizes development of clinical competencies in the areas of Evaluation, Intervention, and Interaction and Personal Qualities as defined by the American Speech-Language and Hearing Association 2014 Standards and Implementation Procedures for the Certificate of Clinical Competence in Speech-Language Pathology.

Registration Restrictions: Departmental approval

Prerequisites: EDSL A695A with a minimum grade of B.