**SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY (SLPA)**

**SLPA 101 Beginning American Sign Language I**
*Description:* Beginning course in American Sign Language (ASL). Development of vocabulary and grammatical structures of ASL. Receptive and expressive skill development. Easy ASL video literature.
*Credits:* 4
*Max per semester:* 4
*Max per degree:* 4
*Format:* LEC
*Prerequisite:* SLPA 102, SLPA 201

**SLPA 102 Beginning American Sign Language II**
*Prerequisite:* SLPA 101.
*Description:* Beginning course in American Sign Language (ASL). Development of vocabulary and grammatical structures of ASL. Receptive and expressive skill development. Easy ASL video literature.
*Credits:* 4
*Max per semester:* 4
*Max per degree:* 4
*Format:* LEC

**SLPA 150 Communication Processes and Disorders**
*Description:* Introduction to the speech, language, and hearing problems of children and adults. Identification and understanding of different types of communication disorders; appropriate referrals; general orientation to the field of speech-language pathology and audiology. Normal speech and language development. Clinical observations may be required.
*Credits:* 4
*Max per semester:* 4
*Max per degree:* 4
*Format:* LEC
*Prerequisite:* SLPA 201

**SLPA 201 Second Year American Sign Language I**
*Prerequisite:* SLPA 101 and 102.
*Description:* Conversational American Sign Language (ASL). Idiomatic uses of ASL. Use of ASL for creative expression. Extensive viewing, translation and discussion of videotaped ASL conversations and literature.
*Credits:* 4
*Max per semester:* 4
*Max per degree:* 4
*Format:* LEC
*Prerequisite:* SLPA 202

**SLPA 202 Second Year American Sign Language II**
*Prerequisite:* SLPA 201.
*Description:* Conversational American Sign Language (ASL). Idiomatic uses of ASL. Use of ASL for creative expression. Extensive viewing, translation and discussion of videotaped ASL conversations and literature.
*Credits:* 4
*Max per semester:* 4
*Max per degree:* 4
*Format:* LEC

**SLPA 250 Descriptive Phonetics and Normal Speech Development**
*Description:* Theories of acquisition and development, phoneme classification and factors affecting phonological systems. Development of proficiency in phonetic transcription.
*Credits:* 3
*Max per semester:* 3
*Max per degree:* 3
*Format:* LEC
*Prerequisite:* SLPA 455, SLPA 456, SLPA 464

**SLPA 251 Normal Language Development**
*Prerequisite:* Sophomore standing.
*Description:* Description of the normal language acquisition process in children; theories of language development and factors influencing language acquisition.
*Credits:* 4
*Max per semester:* 4
*Max per degree:* 4
*Format:* LEC

**SLPA 271 Hearing and Balance I**
*Description:* Identification of the deaf or hard of hearing. Etiologies and pathologies of hearing impairment. Basic testing techniques of pure tone and speech audiometry.
*Credits:* 4
*Max per semester:* 4
*Max per degree:* 4
*Format:* LEC
*Prerequisite:* SLPA 472

**SLPA 398 Special Topics in Speech-Language Pathology and Audiology**
*Prerequisite:* Permission.
*Credits:* 3
*Max per semester:* 3
*Max per degree:* 3
*Format:* LEC

**SLPA 399 Independent Study**
*Prerequisite:* Permission.
*Credits:* 1-3
*Min per semester:* 1
*Max per semester:* 3
*Max per degree:* 3
*Format:* IND

**SLPA 421 Professional Issues for the Communication Disorders Specialist**
*Prerequisite:* Senior standing
*Description:* Professional issues as they relate to the speech-language professional. Legal aspects, program issues, and administrative responsibilities.
*Credits:* 4
*Max per semester:* 4
*Max per degree:* 4
*Format:* LEC

**SLPA 441 Methods for the Communication Disorders Specialist**
*Prerequisite:* Senior standing
*Description:* Specific methods for planning, organizing and delivering clinical services in speech-language pathology.
*Credits:* 3
*Max per semester:* 3
*Max per degree:* 3
*Format:* LEC

**SLPA 472 Pathology and Audiometry**
*Description:* Identification of the deaf or hard of hearing. Etiologies and pathologies of hearing impairment. Basic testing techniques of pure tone and speech audiometry.
SLPA 450 Audiology for Educators of the Deaf or Hard of Hearing
Crosslisted with: SLPA 850
Description: Anatomy and physiology of hearing; components of adequate evaluation for placement and educational planning; diagnosis using audiogram, functional and communication assessment; stimulation and utilization of residual hearing; and management of assistive and/or augmentative devices.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

SLPA 452 Normal Language Development During School Years
Crosslisted with: SLPA 852
Description: Normal syntactic, semantic, and pragmatic language development in school-age children and youth. Complex syntax, semantic development, pragmatic development, using language to learn, language-literacy relations, and abstract language development.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

SLPA 453 Neurological Foundations of Speech and Language
Description: To gain a working knowledge of the organization (neuroanatomy) and function (neurophysiology) of the central and peripheral nervous system in relation to motor control, somatosensory physiology, vocalization, central pattern generation, speech, and language production. Special consideration is directed towards the neurology of human communication processes, speech and language; classification of impairments (sensory, motor, integrative functions) according to the site of lesion(s).
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

SLPA 454 Research Methodology in Speech-Language Pathology and Audiology
Crosslisted with: SLPA 854
Prerequisites: Speech-language pathology and audiology major
Description: Introduction to research principles, methods, and design. Survey and critique of research in special education and communication disorders.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: SLPA 487

SLPA 455 Anatomy and Physiology of the Speech and Hearing
Mechanisms
Prerequisites: SLPA 250
Description: Normal anatomical structures involved in speech and hearing and the consequences of their actions.
Credit Hours: 4
Max credits per semester: 4
Max credits per degree: 4
Format: LEC

SLPA 456 Speech and Hearing Science
Prerequisites: SLPA 250 or permission
Description: Nature, propagation, and analysis of sound; the sensation and perception of sound.
Credit Hours: 4
Max credits per semester: 4
Max credits per degree: 4
Format: LEC

SLPA 461 Language Disorders: Preschool Level
Crosslisted with: SLPA 861
Prerequisites: Parallel SLPA 461L/861L
Description: Characteristics of language impaired preschool children and the nature of their disorders. Introduction to principles of assessment and treatment.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

SLPA 461L Language Disorders: Preschool Level Lab
Crosslisted with: SLPA 861L
Prerequisites: Parallel with SLPA 461/861.
Description: Practical application of language assessment and intervention in preschool children with language disorders.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LAB

SLPA 464 Phonological Disorders
Prerequisites: SLPA 250
Description: Assessment and remediation of phonological disorders.
Credit Hours: 4
Max credits per semester: 4
Max credits per degree: 4
Format: LEC

SLPA 472 Introduction to Aural Rehabilitation
Prerequisites: SLPA 271 or equivalent
Description: Introduction to materials and educational methodologies and models for rehabilitation of the deaf or hard of hearing. Review of levels of communication, information processing, auditory training, and speech reading.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

SLPA 473 Hearing and Balance II
Crosslisted with: SLPA 873
Prerequisites: SLPA 271
Description: Overview of the principles of audiologic assessment including diagnosing adults with hearing impairments, using physiologic and behavior test procedures. Performance of a basic audiologic test battery (including case history, otoscopy, air/bone conduction, pure-tone audiometry, masking, acoustic immittance, and otoacoustic emission). Understand the background theory and interpretations of audiological tests and their implications for dizziness/imbalance.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
SLPA 484 Research Issues
Description: Ethics and responsibilities associated with the conduct of research, including scientific conduct, data custody and management, establishing and promoting good laboratory practices, defining a project/study team (authorship, roles, responsibilities), due process and investigator protections in alleged cases of scientific fraud, human and animal protection, research dissemination modes and grant funding.
Credit Hours: 4
Max credits per semester: 4
Max credits per degree: 4
Format: LEC
Offered: FALL/SPR

SLPA 486 Augmentative Communication
Crosslisted with: SLPA 886
Description: Introduction to the augmentative communication options for persons unable to speak or write because of physical, language, or cognitive disability.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

SLPA 487 Research Rotation and Reflection
Prerequisites: SLPA 454 or SLPA 854
Description: Gain research experience in laboratories affiliated with the Department of Special Education and Communication Disorders under the supervision of research faculty.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Offered: FALL/SPR

SLPA 488 Linguistic Needs of Bilingual and Culturally Different Students
Crosslisted with: SLPA 888
Prerequisites: SLPA 250 and 251
Description: Theoretical and applied information about situational factors which have an impact on spoken and written language; addresses how individual differences due to gender, handicapping conditions, socio-economic status, and cultural-ethnic background contribute to diversity in communication patterns and often act as a barrier to successful interactions in learning and social settings.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
ACE: ACE 9 Global/Diversity

SLPA 490 Workshop Seminar
Credit Hours: 1-12
Min credits per semester: 1
Max credits per semester: 12
Max credits per degree: 12
Format: LEC

SLPA 496 Readings and Research in Speech-Language Pathology and Audiology
Crosslisted with: SLPA 896
Prerequisites: Permission.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: IND

SLPA 499H Honors Thesis
Prerequisites: Good standing in the University Honors Program or by invitation.
Description: Conduct a scholarly research project and write a University Honors Program or undergraduate thesis.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: IND