



## Speech & Hearing Sciences

### Course Descriptions

The Department of Speech and Hearing Sciences requires 48 hours of Speech and Hearing courses.

#### Required Courses

SHS 300 Introduction to the Speech and Hearing Sciences. Recognition and management of children and adults with speech, language, and hearing disorders. 3

SHS 302 Phonetics. Overview of regional dialects and foreign accents, with emphasis on General American speech sound production. 3

SHS 304 Developing Speech and Language in Children. Normal development of speech and language. 3

SHS 306 Anatomy and Physiology of Speech and Hearing. Study of the ear and vocal mechanism. 3

SHS 330 Speech Science. Acoustical, physiological, and psychological aspects of speech. Prerequisites: SHS 302. 3

SHS 332 Disorders of Articulation. Etiology, evaluation, and management of articulation problems. Prerequisites: 12 hours of SHS courses, to include SHS 302. 3

SHS 334 Language Disorders. Evaluation and treatment of children and adults with language impairments. Prerequisite: 12 hours of SHS courses to include SHS 304. 3

SHS 336 Appraisals and Diagnosis of Speech and Language Disorders. Evaluation procedures and instrumental approaches to the assessment of specific speech/language disorders. Prerequisites: 12 hours of SHS courses. 3

SHS 410 Clinical Orientation. Basic evaluation procedures: clinical materials, remedial plans, and clinical record keeping. Prerequisites: 18 hours in SHS courses. 3

SHS 412 Methods in Communication Disorders. Rationale, methods, and techniques in the remediation of communicative disorders. Prerequisites: 18 hours in SHS courses. 3

SHS 414 Audiology. Normal and abnormal audition. Nature, causes, and identification of hearing loss. Prerequisite: 18 hours in SHS courses. 3

SHS 416 Neuroanatomy and Physiology. Applications of central and peripheral neurologic concepts to diagnosis and treatment of communicative disorders. Prerequisites: 24 hours of SHS courses, to include SHS 306 and SHS 334. 3

SHS 420 Neurogenic Communication Disorders. Course content deals with the neurologically based communicative disorders of aphasia, apraxia, dysarthria, dysphasia, right hemisphere dysfunction, and traumatic brain injury. It includes basic issues in assessment, treatment, and the impact of these disorders on functional communication. Prerequisites: 24 hours of SHS courses, to include SHS 416. 3

SHS 422 Voice Disorders. Course content reviews anatomy and physiology of phonation, evaluation and treatment of voice disorders, including pitch, loudness and quality problems; and alaryngeal speech. Prerequisites: 18 hours of SHS courses. 3

SHS 430 Clinical Procedures in Speech/Language Pathology. Practicum in the management of speech and language disorders. A minimum number of clock hours of supervised contact in the clinic are required. May be repeated for a maximum of 6 hours. Prerequisites: 39 hours in SHS courses with a GPA of 2.60 or better, 25 hours of clinical observation, and consent of instructor. 3-6

SHS 455 Diagnostic Audiology. Diagnostic, therapeutic, and communication considerations in the management of individuals with auditory disorders. 3

Supplemental to published requirements for graduation for the Bachelor of Science Degree, the Department of Speech and Hearing Sciences requires each student to demonstrate satisfactory academic performance in all theoretical and practical courses. The university requirement of a quality-point average of 2.00 in all courses taken includes, for the Speech and Hearing Sciences major, a QPA of 2.60 in all SHS courses, with no grade lower than C in a required major course to be applied toward graduation, including such courses as may have been transferred from other institutions.

### **Elective Courses**

SHS 322 Language Acquisition I. Theories and techniques for language learning in the formative years. 3

SHS 323 Language Acquisition II. Theories and techniques in language rehabilitation in adults. 3

SHS 360 Elementary Sign Language I. Introduction to the manual alphabet (finger-spelling) and American Sign Language (ASL) with practice in basic grammar and conversation. 3

SHS 362 Basic American Sign Language II. Basic grammar and practice in conversation. Emphasis will be on building a functional ASL vocabulary and study of the similarities and differences between ASL and spoken standard American English. Prerequisites: SHS 360. 3

SHS 451 Speech, Language, And Hearing Disorders For Teachers. Course content deals with normal speech/language development in children, abnormal development of speech/language hearing skills, problems that are frequently encountered in the classroom, and suggestions for classroom management. 3

SHS 480 Pre-reading Readiness Skills For Early Childhood, Elementary and Special Educators. Study will include description of emergent literacy stages of development and provide activities to facilitate phonological awareness, as well as other language arts curricular benchmarks required for early literacy skills. 3

SHS 492 Special Topics In Audiology-Speech/Language Pathology. Current developments in Audiology and Speech/Language Pathology. Prerequisite: Senior standing, 24 hours of approved SHS courses, and consent of instructor. 3