

# *PURDUE UNIVERSITY*

## *Department of Speech, Language, and Hearing Sciences*

### Prerequisites

Some students enter the Purdue University Master's degree program with an undergraduate major in an area other than communication disorders (speech-language pathology and audiology). Those who plan to achieve professional clinical certification through the American Speech-Language-Hearing Association (ASHA) in either speech-language pathology or audiology will be expected to take all of the following prerequisite courses. (Substitutions will be allowed if they can demonstrate that they have already covered the content of a required prerequisite course in some other course or courses.)

#### **SLHS 302 - Acoustic Bases of Speech and Hearing**

The physical characteristics of speech sounds and the psychophysical processes involved in hearing. (Spring Only)

#### **SLHS 304 - Anatomy and Physiology of the Speech and Hearing Mechanism**

An introduction to the anatomical and physiological bases of voice, articulation, and hearing. Laboratory includes demonstrations to support lecture materials. (Fall only)

#### **SLHS 306 - Introduction to Phonetics**

An introduction to articulatory phonetics, speech sounds in languages of the world, and principles and symbols of the International Phonetic Alphabet. Extensive practice on phonetic transcription.

#### **SLHS 309 - Language Development**

Specific nature, sequence, and pattern of oral language development from birth through adolescence. Numerous examples illustrating the nature of language acquisition and approaches to the study of children's language are presented. Linguistic and psychological explanations of the sequence of development are discussed.

**OR**

#### **SLHS 509 - Language Acquisition (Admission by consent of instructor)**

An examination of research and theory dealing with first language acquisition in children. A linguistic framework is used to describe developing language. Topics considered include speech perception, grammatical development, meaning, and language in nonmodal populations. (Fall only)

#### **SLHS 460 - Introduction to Assessment Audiology (Prerequisites: SLHS 302 and 304 or equivalents)**

History of audiology, normal and abnormal processes of hearing, basic methods of audiology assessments, and introduction to the development and management of hearing conservation programs.

#### **SLHS 450 – Introduction to Aural Rehabilitation Across the Lifespan (Prerequisites: SLHS 460 or equivalent)**

The effects of hearing disorders on communication, psychosocial development, academic achievement and employment will be explored. The roles of residual hearing, vision, signing, and technology in achieving communication will be discussed and models of assessment and intervention will be examined. (Spring)

#### **SLHS 449 – Introduction to Clinical Practice in Communication Disorders (fall only) (Prerequisites: SLHS 115, SLHS 420 or SLHS 430 and SLHS 460)**

The first in a series of courses designed to provide instruction in basic diagnosis procedures and therapeutic approaches to speech, language, and hearing disorders.

Graduate students typically do not participate in clinical practicum until they have completed 25 clock hours of ASHA certified, supervised observation. These observation hours must be evaluation and treatment of children and adults with disorders of speech, language or hearing. The observation experience must be in a University program. Graduate students must demonstrate proficiency in English speech production and English language skills and knowledge, before beginning clinical practicum.