

COURSES FOR SPEECH, LANGUAGE, AND HEARING SCIENCES

Speech, Language, and Hearing Sciences Courses

SLH102 Disability & Society

SB

Hours 3

At the completion of this course, students will have a general understanding of speech-language pathology and audiology as it relates to the culture of disability. Specifically, they will read, think, synthesize, and reflect on information related to social and educational practices, laws, and accessibility to services.

Social and Behavioral Sciences

SLH103 Disability & Society Honors

SB, UH

Hours 3

At the completion of this course, students will have a general understanding of speech-language pathology and audiology as it relates to the culture of disability. Specifically, they will read, think, synthesize, and reflect on information related to social and educational practices, laws, and accessibility to services.

Social and Behavioral Sciences, University Honors

SLH225 Introduction to Speech, Language, & Hearing Sciences

Hours 3

This course will introduce students to speech, language, hearing and swallowing disorders. Principles of rehabilitation and consideration of employment setting within communication sciences and disorders will be included.

SLH244 Phonetics

Hours 3

This course covers the study of the principles of phonetics and their application to speech production, with a focus on English.

SLH261 Anatomy & Physiology: Nervous/Auditory Systems & Articulation/Resonance

Hours 3

Detailed study of the anatomical and physiologic foundations for articulation & resonance, to include embryology, genetics, and foundations of the nervous system.

SLH262 Anatomy & Physiology: Respiration, Phonation, & Swallowing

Hours 3

Detailed study of the anatomical and physiologic foundations for swallowing and voice.

SLH275 Anat Physio Sech Hear Mechansm

Hours 3

Detailed study of the bases of speech and hearing, including anatomy, physiology, and neurology.

SLH277 Pre-professional Lab Experience

Hours 1

Structured observational activities for students prior to their enrollment in a practicum course in speech-language pathology. Open to SLH majors only.

SLH305 Language Development

EXP

Hours 3

This course is designed to provide students with knowledge of the normal development of phonology, morphology, syntax, semantics, and pragmatics in children's communication. Through a combination of lectures, readings, films, slides, practical data collection assignments and interaction with the instructor, students will gain knowledge of typical language development in multicultural environment, and aspects of atypical language development. This course should give students a basic understanding of the acquisition, theory, and environmental influence of language in order to enhance their ability to be effective decision-makers when evaluating normal and atypical language.

Prerequisite(s): CD 225 or SLH 225, and CD 244 or SLH 244, and CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)

Experiential Learning

SLH306 Language Development Honors

UH

Hours 3

Understand theories of normal speech and language acquisition, integrate it with experience in data collection and analysis.

Prerequisite(s): CD 225 or SLH 225, and CD 244 or SLH 244, and CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)

University Honors

SLH320 Hearing Science

Hours 3

This course will provide the student with an understanding of the physical aspects of sound and how it is processed physiologically through the human auditory system. In addition, the student will become familiar with the anatomy of the hearing mechanism.

Prerequisite(s): CD 225 or SLH 225, and CD 244 or SLH 244, and CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)

SLH330 Acoustics of Speech

Hours 3

This course covers the physical basis of speech, including respiration and phonation, articulation, and the physical aspects of sound transmission.

Prerequisite(s): CD 225 or SLH 225, and CD 244 or SLH 244, and CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262), and CD 305 or SLH 305 or CD 306 or SLH 306

SLH345 Introductory Audiology Lab Experience

EXP

Hours 1

Supervised clinical experience in audiology including hearing evaluation and rehabilitation across the lifespan.

Prerequisite(s): CD 345 requires an application and a combined GPA of 3.0 in the following courses: (CD 225 or SLH 225) and (CD 244 or SLH 244) and (CD 275 or (CD 261 and CD 262) or (SLH 261 or SLH 262) and (CD 277 or SLH 277).

Prerequisite(s) with concurrency: CD 351 or SLH 320

Experiential Learning

SLH350 Independent Study

SP

Hours 1-3

Undergraduate independent study with faculty members. This course emphasizes critical thinking, promotes active research and/or clinical engagement, and encourages peer collaboration. This course also promotes leadership and advocacy in the area of communication science and disorders.

Prerequisite(s): CD 225 or SLH 225, and CD 244 or SLH 244 and, CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262) and (CD 305 or CD 306 or SLH 305 or SLH 306) Instructor permission required.

Special Topics Course

SLH352 Neurology for SLP

Hours 3

An introductory course in neuroscience as it relates to the field of speech-language pathology. Students will be able to explain the anatomy and physiology of the brain, explain functions associated with structures in both the central and peripheral nervous systems, appreciate the nature and scope of neurogenic impairments, and understand brain abnormalities and neurological illnesses.

Prerequisite(s): (CD 225 or SLH 225), and (CD 244 or SLH 244), and (CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)), and (CD 351 or SLH 320)

SLH360 Independent Study Honors

SP, UH

Hours 1-3

Undergraduate independent study with faculty members for students enrolled in Honors College. This honors course emphasizes critical thinking, promotes active community and clinical engagement, and encourages peer collaboration. This course also promotes leadership and advocacy in the area of communication science and disorders.

Prerequisite(s): (CD 225 or SLH 225), and (CD 244 or SLH 244), and (CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)), and (CD 305 or CD 306 or SLH 305 or SLH 306); Instructor permission required.

Special Topics Course, University Honors

SLH370 Clinical Perspectives in a Global Context

EXP, USGC

Hours 3

This course will focus on developing competent and empathetic professionals considering career opportunities in educational and healthcare settings. Professional standards including education and certification requirements will be outlined for those seeking careers in US and international contexts. Prevention, assessment, and treatment will be explored across settings in a global context. The impact of Interprofessional Collaborative Practice (IPP) on client outcomes will be discussed and used to pose solutions to sustainable educational and healthcare challenges.

Experiential Learning, US and Global Citizenship

SLH375 Preparing for School-Based Speech-Language Pathology Practice

Hours 3

This course is designed to prepare students majoring in Speech, Language, and Hearing Sciences with a foundational understanding of school-based speech language pathology practice, including legal, ethical, assessment, and service delivery considerations within educational settings. Through lecture, experiential learning opportunities, class discussions, and reflections, students will gain valuable professional insight into speech-language pathology practice across educational settings.

Prerequisite(s): CD 225 or SLH 225, CD 244 or SLH 244, CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)

Prerequisite(s) with concurrency: CD 305 or SLH 305 or CD 306 or SLH 306, CD 420 or SLH 420

SLH380 Clinical Perspectives in a Global Context Honors

EXP, UH, USGC

Hours 3

This course will focus on developing competent and empathetic professionals considering career opportunities in educational and healthcare settings. Professional standards including education and certification requirements will be outlined for those seeking careers in US and international contexts. Prevention, assessment, and treatment will be explored across settings in a global context. The impact of Interprofessional Collaborative Practice (IPP) on client outcomes will be discussed and used to pose solutions to sustainable educational and healthcare challenges. Honors students will investigate additional assignments centered around innovative initiatives that will add value to clinical practice in local and global settings.

Experiential Learning, University Honors, US and Global Citizenship

SLH400 Research Experience in Speech Language Hearing Sciences
EXP

Hours 3

This course provides a basic introduction to the principles, methods, and techniques of quantitative and/or qualitative research in speech, language and hearing sciences and related fields. The class will cover the fundamentals of the scientific method and scientific inquiry, ethical considerations in research, basic methods of quantitative and qualitative data collection, and strengths and weaknesses of various data collection methods. The precise topic of the course will be a current 'hot topic' within communication sciences and disorders research, within the expertise and research area of the instructor. Students can take the course up to 5 times (15 credit hours), with a different topic covered in each class. The course is designed to make students informed consumers of scientific research through discussion, analysis, and hands-on practice in laboratory and other research settings. Students enrolled in this course must also be on the roster of a research laboratory within the Department of Speech, Language and Hearing Sciences.

Prerequisite(s): (CD 225 or SLH 225) and (CD 244 or SLH 244) and (CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)) and BER 345 or PY 211 or ST 360 or CJ 381 minimum grade C.

Experiential Learning

SLH402 Psychology of Language

Hours 3

Language is a system of symbols that we use to communicate. The power of this system enables us to share the contents of our minds with other people who share that language. The evolution of language has profoundly shaped the lives of human beings, enabling our species to transmit knowledge from one generation to the next. This accumulated knowledge over time and space has allowed humans to proliferate as a species. New words are added to a language as new ideas emerge. The psychology of language is the study of the processes by which we as human beings generate grammatical sequences of linguistic symbols for comprehension by the listener.

Prerequisite(s): (CD 225 or SLH 225) and (CD 244 or SLH 244) and (CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262))

Prerequisite(s) with concurrency: CD 277 or SLH 277

SLH414 Communication in Autistic Individuals

Hours 3

The focus of this course is communication in individuals on autism spectrum, including in-depth analysis of the characteristics of autistic individuals across the lifespan, variability in language development, social relationship development, and instructional methods and interventions for individuals with autism spectrum disorders. The course examines interdisciplinary assessment approaches, trends in diagnosis, parent partnerships, and inclusive practices, such as research-based interventions in the areas of communication, play, social-emotional development, sensory motor issues, and health care.

Prerequisite(s): CD 305 or CD 306 or SLH 305 or SLH 306

SLH420 Pediatric Disorders

Hours 3

An introduction to articulation, phonology, literacy and language disorders in children and adolescents.

Prerequisite(s): (CD 225 or SLH 225), and (CD 244 or SLH 244), and (CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)), and (CD 305 or CD 306 or SLH 305 or SLH 306)

SLH425 Applied Research in SLHS*EXP, W*

Hours 3

This course is meant to be a gentle-but-fast introduction to conducting research in Speech, Language and Hearing Sciences. The goals of it is to help students position themselves to contribute to research in speech, language and hearing sciences, construct the plan for completing a thesis during their Master's studies in SLHS, and develop practical research skills (conducting a systematic literature review, designing a study with attention to possible biases, analyzing data, and writing for professional audiences). Writing proficiency is required for a passing grade in this course. A student who does not write with the skill normally required of an upper-division student will not earn a passing grade, no matter how well the student performs in other areas of the course.

Prerequisite(s): CD 225 or SLH 225, and CD 244 or SLH 244, and CD 277 or SLH 277, and CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)

Experiential Learning, Writing

SLH430 Introduction to Adult Audiology

Hours 3

This course explores the assessment, diagnosis, and management of hearing loss in adults. Students will gain foundational knowledge in behavioral and objective test procedures, hearing technologies, and adult aural rehabilitation. Emphasis is placed on clinical decision-making and understanding the broader social and individual impacts of hearing loss.

Prerequisite(s): CD 225 or SLH 225, and CD 244 or SLH 244, and (CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)), and CD 305 or SLH 305 or CD 306 or SLH 306, and CD 310 or SLH 330, and CD 351 or SLH 320, and CD 352 or SLH 352

SLH440 Acquired Neurological Disorders

Hours 3

An introduction to aphasia, traumatic brain injury, right hemisphere disorder, dementia, dysarthria, and apraxia.

Prerequisite(s): (CD 225 or SLH 225), and (CD 244 or SLH 244), and (CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)), and (CD 352 or SLH 352)

SLH443 Basic Audiology

Hours 3

This course will introduce students to the diagnosis and treatment/patient management of hearing loss. The normal auditory system will also be discussed. As part of these goals, the anatomy, physiology, and pathology of the normal and impaired auditory system will be included in the presented lectures.

Prerequisite(s): (CD 225 or SLH 225), and (CD 244 or SLH 244), and (CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)), and (CD 351 or SLH 320)

SLH444 Aural Rehabilitation

Hours 3

This course examines the implications of hearing loss across the life span, assistive technology including hearing aids and implantable devices, and the underlying principles and evidence-based approach to intervention in the discipline of auditory (re)habilitation.

Prerequisite(s): (CD 225 or SLH 225), and (CD 244 or SLH 244), and (CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)), and (CD 351 or SLH 320), and (CD 443 or SLH 443)

SLH445 Audiology Lab Experience

EXP, W

Hours 3

Supervised clinical experience in audiology including hearing evaluation and rehabilitation across the lifespan. Writing proficiency is required for a passing grade in this course. A student who does not write with the skill normally required of an upper-division student will not earn a passing grade, no matter how well the student performs in other areas of this course. This proficiency will include the ability to write coherent, logical, and carefully edited clinic reports and prose with higher-level critical thinking skills, such as analysis and synthesis.

Prerequisite(s): SLH 445 requires an application and a combined GPA of 3.0 in the following courses: (CD 225 or SLH 225), and (CD 244 or SLH 244), and (CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)), and (CD 277 or SLH 277), and (CD 351 or SLH 320)

Prerequisite(s) with concurrency: CD 443 or SLH 430

Experiential Learning, Writing

SLH447 Clinical Practicum Speech

EXP, W

Hours 3

This course is designed to provide undergraduate students with quality clinical practicum experiences involving assessment and treatment of individuals across the lifespan. Students will develop clinical documentation skills, and learn to synthesize clinically relevant information and data using higher-level critical thinking skills. Writing proficiency within this discipline is required for a passing grade in this course. A student who does not write with the skill normally required of an upper-division student will not earn a passing grade, no matter how well the student performs in other areas of the course. This proficiency will include the ability to write coherent, logical, and carefully edited clinical reports with higher-level critical thinking skills, such as analysis and synthesis.

Prerequisite(s): Application required with combined 3.0 GPA in the following courses: CD 225 or SLH 225, and CD 244 or SLH 244, and (CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)), and CD 305 or SLH 305 or CD 306 or SLH 306, and CD 277 or SLH 277

Prerequisite(s) with concurrency: CD 420 or SLH 420

Experiential Learning, Writing

SLH449 Sociolinguistics in SLP

USGC

Hours 3

This course examines the relationship between language and society, with a primary focus on regional variation and social variation resulting from the interaction between various social constructs such as gender, class, culture, and ethnicity, with an emphasis on how variation might impact a clinical setting. It will also examine the linguistic ramifications of language contact and change, again with an emphasis of a clinical setting. The class will explore the nature of conversational interaction. Finally, students will consider language attitudes and how notions of power and prestige influence societal evaluations of language varieties, again emphasizing the clinical implications of said attitudes and notions.

Prerequisite(s): (CD 225 or SLH 225) and (CD 244 or SLH 244) and (CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)) and (CD 277 or SLH 277)

US and Global Citizenship

SLH450 Junior/Senior Seminar in SLHS

EXP, W

Hours 3

This course is designed to provide undergraduate SLHS seniors with clinical topics and professional tools needed to be successful in their first year of clinical practicum and beyond. Each week, students will participate in experiential learning labs that will provide hands-on learning and connection to real world SLP clinical experiences. Through this course students will gain insight into positive professional practices and skill sets, learn how to collaborate with diverse organizations and professions, and gain insight into their own interests, passions, and values. Writing proficiency is required for a passing grade in this course. A student who does not write with the skill normally required of an upper-division will not earn a passing grade, no matter how well the student performs in other areas of this course. This proficiency will include the ability to write coherent logical, and carefully edited clinical documentation and prose with higher-level critical thinking skills, such as analysis and synthesis. This course earns the "W" designation for the core.

Experiential Learning, Writing

SLH457 Clinical Practicum Speech Honors*EXP, UH, W*

Hours 3

This course is designed to provide undergraduate students with quality clinical practicum experiences involving assessment and treatment of individuals across the lifespan. Students will develop clinical documentation skills and learn to synthesize clinically relevant information and data using higher-level critical thinking skills. Additional Honors requirements include formation of a comprehensive treatment guide for an assigned evidenced-based intervention approach/technique. Writing proficiency is required for a passing grade in this course. A student who does not write with the skill normally required of an upper-division student will not earn a passing grade, no matter how well the student performs in other areas of the course.

Prerequisite(s): Application required with combined 3.0 GPA in the following courses: CD 225 or SLH 225, and CD 244 or SLH 244, and (CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)), and CD 305 or SLH 305 or CD 306 or SLH 306, and CD 277 or SLH 277

Prerequisite(s) with concurrency: CD 420 or SLH 420

Experiential Learning, University Honors, Writing

SLH460 Introduction to Pediatric Audiology

Hours 3

This course will introduce students to the principles and practices of audiological assessment and intervention for infants and children. Topics include diagnostic test procedures, early hearing loss detection and intervention, amplification, and the impact of hearing loss on communication development. Emphasis is placed on clinical reasoning and interdisciplinary collaboration in pediatric care.

Prerequisite(s): CD 225 or SLH 225, and CD 244 or SLH 275, and CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262), and CD 305 or SLH 305 or CD 306 or SLH 306, and CD 310 or SLH 330, and CD 351 or SLH 320, and CD 352 or SLH 352, and SLH 430

SLH472 Introduction to Disorders of Voice and Swallowing

Hours 3

Introduction to the clinical impact of voice and swallowing disorders.

Prerequisite(s): Minimum grade of B in CD 275 or (CD 261 and CD 262) or (SLH 261 and SLH 262)