

# SPEECH, LANGUAGE AND HEARING SCIENCES

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## **LIN 5741 Applied English Grammar 3 Credits**

**Grading Scheme:** Letter Grade

Survey of English grammar based on the principles of second language acquisition and social interaction, with implications for teachers.

## **LIN 6720 Second Language Acquisition 3 Credits**

**Grading Scheme:** Letter Grade

Neurolinguistic, psycholinguistic, and sociolinguistic bases of second language acquisition in childhood and adulthood.

## **SPA 5051 Clinical Observation in Audiology 1 Credit**

**Grading Scheme:** Letter Grade

Opportunity to observe various phases of audiologic practice and to accumulate a minimum of 15 hours of observation experience.

**Prerequisite:** for beginning graduate students in audiology.

## **SPA 5102 Auditory Anatomy and Physiology 2 Credits**

**Grading Scheme:** Letter Grade

In-depth coverage of anatomy and physiology of auditory system to support understanding of auditory function in persons with healthy auditory mechanisms and those with specific disorders.

## **SPA 5204 Phonological Disorders 3 Credits**

**Grading Scheme:** Letter Grade

Advanced principles of diagnosis and remediation.

## **SPA 5211 Voice Disorders 3 Credits**

**Grading Scheme:** Letter Grade

Advanced theory and techniques of diagnosis and remediation.

## **SPA 5225 Principles of Speech Pathology: Stuttering 3 Credits**

**Grading Scheme:** Letter Grade

Advanced theories and techniques of diagnosis and therapy.

## **SPA 5254 Neurocognitive Language Disorders 3 Credits**

**Grading Scheme:** Letter Grade

Neurocognitive deficits of language in dementia, traumatic brain injury, and right hemisphere damage.

**Prerequisite:** introductory neuroanatomy.

## **SPA 5304 Principles of Audiological Evaluation 3 Credits**

**Grading Scheme:** Letter Grade

Advanced procedures in speech audiometry, masking, and audiogram interpretation.

## **SPA 5401 Speech Pathology Language Disorder 3 Credits**

**Grading Scheme:** Letter Grade

Advanced theory and techniques of diagnosis and remediation of language disorders in infants and preschoolers.

## **SPA 6010 Basic Auditory Sciences 3 Credits**

**Grading Scheme:** Letter Grade

The nature of sound, the structure and function of the auditory system, frequency selectivity, auditory filtering, and the psychoacoustics of pure tones and complex sounds.

## **SPA 6133L Hearing Aid Analysis Laboratory 1 Credit**

**Grading Scheme:** Letter Grade

Advanced analysis and description of the electroacoustical properties of hearing aids.

**Corequisite:** SPA 6345.

## **SPA 6233 Speech Motor Control Disorders 3 Credits**

**Grading Scheme:** Letter Grade

Developmental and acquired neurogenic speech disorders and their associated neuropathology, etiology, characteristics, assessment practices, and treatment strategies.

## **SPA 6270 Auditory Processing Disorders 3 Credits**

**Grading Scheme:** Letter Grade

Anatomy and physiology of the central auditory nervous system, and disorders of auditory processing that occur in humans. Focuses on evaluation and treatment of auditory processing disorders.

**Prerequisite:** SPA 5304, SPA 5102.

## **SPA 6305 Pediatric Audiology 3 Credits**

**Grading Scheme:** Letter Grade

Pediatric Audiology

**Prerequisite:** SPA 6313.

## **SPA 6311 Medical Audiology 3 Credits**

**Grading Scheme:** Letter Grade

Differential diagnosis of hearing impairment.

## **SPA 6317 Vestibular Disorders 2 Credits**

**Grading Scheme:** Letter Grade

Mechanics and physiology of human balance, contribution of inner ear to balance, disorders of balance, and approaches to diagnostic assessment and rehabilitation.

**Prerequisite:** graduate status.

## **SPA 6323 Audiologic Rehabilitation for Adults 2 Credits**

**Grading Scheme:** Letter Grade

Explores theoretical and clinical literature. Describes assessment and management strategies.

## **SPA 6324 Audiologic Rehabilitation for Children 2 Credits**

**Grading Scheme:** Letter Grade

Explores theoretical and clinical literature. Assessment and therapy techniques for children.

## **SPA 6340 Amplification I 2 Credits**

**Grading Scheme:** Letter Grade

Theoretical and applied understanding of current technology in amplification systems for the hearing impaired. Seminar format (2/3) and clinical laboratory activities (1/3).

## **SPA 6341 Amplification II 2 Credits**

**Grading Scheme:** Letter Grade

Digital and programmable technology in hearing aids.

**Prerequisite:** SPA 6340.

## **SPA 6390 Proseminar: Speech-Language Pathology and Audiology 3 Credits**

**Grading Scheme:** Letter Grade

Current professional issues including federal and state regulations, audiologic jurisprudence, audiological management, and interfacing with other professionals.

## **SPA 6410 Adult Language Disorders 3 Credits**

**Grading Scheme:** Letter Grade

The nature of acquired aphasia and related disorders. Applying neurolinguistic and neuropsychological models to methods of assessment and treatment.

## **SPA 6506 Clinical Clerkship in Audiology 1 Credit, Max 3 Credits**

**Grading Scheme:** Letter Grade

Beginning-level audiologic practicum.

**SPA 6524 Practicum in Speech-Language Therapy: UFSHC 1-6 Credits, Max 8 Credits**

**Grading Scheme:** Letter Grade

Practicum in Speech-Language Therapy: UFSHC

**SPA 6531 Clinical Practice in Hearing Assessment 1-6 Credits, Max 9 Credits**

**Grading Scheme:** Letter Grade

Clinical Practice in Hearing Assessment

**SPA 6564 Communication and Aging 3 Credits**

**Grading Scheme:** Letter Grade

Characteristics of, and management approaches for, communication disorders found with some frequency in the elderly. Focuses on enhancing communication.

**SPA 6581 Special Clinical 1-9 Credits, Max 40 Credits**

**Grading Scheme:** Letter Grade

Advanced study in specific areas of clinical process.

**SPA 6805 Introduction to Graduate Research 3 Credits**

**Grading Scheme:** Letter Grade

Introduction to Graduate Research

**Prerequisite:** required of all graduate students specializing in speech-language pathology or audiology.

**SPA 6905 Individual Study 1-3 Credits, Max 9 Credits**

**Grading Scheme:** Letter Grade

Supervised study of specialized topic or research project.

**Prerequisite:** consent of instructor.

**SPA 6910 Supervised Research 1-5 Credits, Max 5 Credits**

**Grading Scheme:** S/U

Supervised Research

**Prerequisite:** SPA 6805, and consent of instructor.

**SPA 6930 Proseminar in Speech-Language Pathology and Audiology 1 Credit, Max 6 Credits**

**Grading Scheme:** S/U

Faculty and graduate student research in speech-language pathology, audiology, and related disciplines.

**SPA 6935 Applied Reading Disabilities: Diagnosis and Treatment 3 Credits**

**Grading Scheme:** Letter Grade

Seminar and practicum in diagnosis and treatment of developmental reading disabilities.

**Prerequisite:** majors only.

**SPA 6936 Special Topics 3 Credits, Max 9 Credits**

**Grading Scheme:** Letter Grade

Theory and research in communication.

**Prerequisite:** consent of instructor.

**SPA 6940 Supervised Teaching 1-5 Credits, Max 5 Credits**

**Grading Scheme:** S/U

Supervised Teaching

**SPA 6942 Externship in Speech-Language Pathology 7-12 Credits, Max 12 Credits**

**Grading Scheme:** Letter Grade

Full-time supervised clinical experience in speech-language pathology. Students provide diagnostic and therapeutic services in clinical setting.

**SPA 6971 Research for Master's Thesis 1-15 Credits**

**Grading Scheme:** S/U

Research for Master's Thesis

**SPA 7306 Audiologic Assessment in a Medical Setting 5 Credits**

**Grading Scheme:** Letter Grade

Audiologic and medically related aspects of hearing disorders.

**Prerequisite:** open only to students in the distance learning Au.D. program.

**SPA 7318 Clinical Auditory Electrophysiology 5 Credits**

**Grading Scheme:** Letter Grade

Understanding clinical auditory physiological measures, including auditory-evoked and event-related potentials, otoacoustic emissions, and common clinical protocols applied to auditory disorders.

**Prerequisite:** open only to students in the distance learning Au.D. program.

**SPA 7319 Balance Disorders: Evaluation and Treatment 5 Credits**

**Grading Scheme:** Letter Grade

Understanding how humans maintain balance, the contribution of the inner ear to balance, disorders of balance, and approaches to rehabilitation of these disorders.

**Prerequisite:** open only to students in the distance learning Au.D. program.

**SPA 7325 Audiologic Rehabilitation 5 Credits**

**Grading Scheme:** Letter Grade

State-of-the-art information on current philosophies and practice patterns for audiologic habilitation and rehabilitation.

**Prerequisite:** open to students in the distance learning Au.D. program.

**SPA 7343 Cochlear Implants and Assistive Devices 5 Credits**

**Grading Scheme:** Letter Grade

Fitting practices and future directions.

**Prerequisite:** open only to students in the distance learning Au.D. program.

**SPA 7348 Principles of Amplification 5 Credits**

**Grading Scheme:** Letter Grade

Recent information regarding amplification systems.

**Prerequisite:** open only to students in the distance learning Au.D. program.

**SPA 7353 Environmental Hearing Conservation 5 Credits**

**Grading Scheme:** Letter Grade

Recent information regarding the causes of hearing loss, prevention strategies, and basic mechanisms underlying noise-induced hearing loss.

**Prerequisite:** open only to students in the distance learning Au.D. program.

**SPA 7354 Seminar in Audiology: Hearing Conservation and Noise Control 3 Credits**

**Grading Scheme:** Letter Grade

Seminar in Audiology: Hearing Conservation and Noise Control

**SPA 7391 Business and Professional Issues in Audiology 5 Credits**

**Grading Scheme:** Letter Grade

Overview of the healthcare system, the place of audiology in the system, current issues facing the profession, ethics of audiologic practice, providing reimbursement for services, and personnel management.

**Prerequisite:** open only to students in the distance learning Au.D. program.

**SPA 7566 Counseling Individuals with Hearing Losses 5 Credits**

**Grading Scheme:** Letter Grade

Recent information about counseling.

**Prerequisite:** open only to students in the distance learning Au.D. program.

**SPA 7945 Graduate Practicum in Audiology 3-6 Credits, Max 15 Credits****Grading Scheme:** Letter Grade

Intermediate clinical practicum for Au.D. students.

**SPA 7958 Clinical Externship 3-12 Credits, Max 36 Credits****Grading Scheme:** Letter Grade

Clinical Externship

**Prerequisite:** 12 hours of SPA 7945.**SPA 7979 Advanced Research 1-12 Credits****Grading Scheme:** S/U

Research for doctoral students before admission to candidacy. Designed for students with a master's degree in the field of study or for students who have been accepted for a doctoral program. Not appropriate for students who have been admitted to candidacy.

**SPA 7980 Research for Doctoral Dissertation 1-15 Credits****Grading Scheme:** S/U

Research for Doctoral Dissertation