

# SPEECH PATHOLOGY AND AUDIOLOGY

## Department Information

(251) 445-9378

Department of Speech Pathology and Audiology website  
<https://www.southalabama.edu/colleges/alliedhealth/speechandhearing>  
 (https://www.southalabama.edu/colleges/alliedhealth/speechandhearing/)

## Speech Pathology and Audiology Faculty

Title	Name
Chair	Elizabeth M. Adams
Dean Emeritus	Talbott
Professor Emeritus	Dagenais, Evans, Sellers
Associate Professor Emeritus	Moore
Assistant Professor Emeritus	Holston
Professor	Beverly
Associate Professors	Adams, Choi, Davis, Gordon-Hickey, Smith
Assistant Professors	Flagge, Henbest, Nichols, Rishiq, Redding, Roberts, Stanley
Senior Instructor	Hill, Hudson
Instructors	Holzappel, Wiles

The mission of the Department of Speech Pathology and Audiology is to provide undergraduate, masters and doctoral programs that challenge the students to achieve the highest standards of academic learning, scientific inquiry and clinical excellence. The Department of Speech Pathology and Audiology delivers a comprehensive program of academic, research and clinical training in the areas of speech, language, and hearing development and disorders. The Department offers a minor in Speech and Hearing Sciences, Bachelor of Science in Speech and Hearing Sciences degree, Master of Science in Speech-Language Pathology degree, Doctor of Audiology degree, and Doctor of Philosophy in Communication Sciences and Disorders degree.

The undergraduate program in Speech and Hearing Sciences readies the graduate for a variety of career and educational options based on the knowledge gained from this degree and individual interests and skills. Students who complete the Master of Science in Speech-Language Pathology degree program will meet all the academic and practicum requirements to be eligible for the Clinical Fellowship (CF) that leads to national certification (CCC-SLP) by the American Speech-Language-Hearing Association (ASHA) and eligibility for the Alabama state licensure. Students who complete the Doctor of Audiology degree program will meet all the academic and practicum requirements for national certification (CCC-A) and will also be eligible for the Alabama state licensure. The MS SLP and AuD programs meet the requirements for licensure in Alabama; we have not made a determination regarding whether the programs meet licensure requirements in other states.

The Master of Science (MS) education program in speech-language pathology (residential) at the University of South Alabama is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology of the American Speech-Language-Hearing

Association, 2200 Research Boulevard, #310, Rockville, MD 20850, (800) 498-2071 or (301) 296-5700.

The Doctor of Audiology (AuD) education program in audiology (residential) at the University of South Alabama is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology of the American Speech-Language-Hearing Association, 2200 Research Boulevard, #310, Rockville, MD 20850, (800) 498-2071 or (301) 296-5700.

## Degrees, Programs, or Concentrations

- Audiology (AuD) (<http://bulletin.southalabama.edu/programs-az/allied-health/speech-pathology-audiology/audiology-aud/>)
- Communication Sciences and Disorders (PhD) (<http://bulletin.southalabama.edu/programs-az/allied-health/speech-pathology-audiology/communication-sciences-disorders-phd/>)
- Speech and Hearing Sciences (BS SHS) (<http://bulletin.southalabama.edu/programs-az/allied-health/speech-pathology-audiology/speech-hearing-sciences-bs-shs/>)
- Speech and Hearing Sciences Minor (<http://bulletin.southalabama.edu/programs-az/allied-health/speech-pathology-audiology/speech-hearing-sciences-minor/>)
- Speech-Language Pathology (MSSLP) (<http://bulletin.southalabama.edu/programs-az/allied-health/speech-pathology-audiology/speech-language-pathology-msslp/>)

## Courses

### Allied Health Profs (AHP)

#### AHP 101 Freshman Sem in Allied Health 2 cr

A course for first-time students that assists with maximizing the student's potential to achieve academic success and to adjust responsibly to the individual and interpersonal challenges presented by college life. Taught in small groups, the course provides an introduction to the nature of higher education with special emphasis on health-related disciplines. Appropriate reading and writing assignments will be required.

**Cross-Listed:** HSC 101

#### AHP 201 Service Learning in Allied Health Professions 1 cr

A course for students majoring in the College of Allied Health Professions that assists with maximizing students' potential to holistically embrace their majors and all that their future careers entail. The course introduces students to the concept of service learning and how to process experiences that may or may not immediately align with their own previous experiences. At the end of the course, the student will understand what it means to serve and how learning occurs in the most unlikely situations and environments.

#### AHP 390 Special Topics 1-9 cr

The purpose of this course for the undergraduate student is to develop an improved understanding of culture, to recognize any cultural practices that affect health care, and to incorporate this understanding into the provision of care. Culture will be examined through writing, cultural experiences, and through collaboration.

#### AHP 401 Seminar in HP 3 cr

This course is designed to provide students with an overview of different health professions and their scope of practice and also to provide information about health administration.

**AHP 510 IPE Autism Spectrum Disorders 1 cr**

This foundational course is designed to prepare graduate students in OT, PT, SLP, MD and ED to provide high-quality services to individuals with autism spectrum disorder and other developmental disabilities. The emphasis will be on interprofessional education using team-based instruction to support effective interprofessional practice in both educational and health care settings. **ADDITIONAL RESTRICTION:** Students can only be enrolled following successful application and admission. Contact the course instructor for information on application.

**AHP 550 IPE for Inclusive Pract in AHP 1-3 cr**

This course will focus on advancing the ideals of diversity, equity, and inclusion in future allied health providers to develop inclusive practices, and will support the development of interprofessional collaborative practice skills. The course will provide students with opportunities to engage with members of various healthcare-focused graduate programs through both interprofessional education modules and interprofessional clinical laboratory experiences.

**Cross-Listed:** AHP 650

**AHP 590 Special Topics 1-9 cr**

Selected topics in Health Sciences. Requires special permission.

**AHP 650 IPE for Inclusive Pract in AHP 1-3 cr**

This course will focus on advancing the ideals of diversity, equity, and inclusion in future allied health providers to develop inclusive practices, and will support the development of interprofessional collaborative practice skills. The course will provide students with opportunities to engage with members of various healthcare-focused graduate programs through both interprofessional education modules and interprofessional clinical laboratory experiences.

**Cross-Listed:** AHP 550

**Audiology (AUD)****AUD 590 Seminar in Audiology 1-6 cr**

This course is designed to provide the opportunity for in-depth study of special interest in Audiology. Requires approval of Department Chair.

**AUD 612 Anatomy-Physio Hearing Mech 4 cr**

Study of the anatomy and physiology of the nervous system, the anatomy and physiology of the outer, middle, inner ear, including the vestibular system, and the central auditory nervous system.

**AUD 613 Psychoacoustics 3 cr**

Study of the principles, procedures and research involved in the field of psychoacoustics and of the relationships between the physical dimensions of auditory stimuli and the resultant perceptual experience as well as the relationships among psychoacoustic testing and both auditory physiology and the audiologic evaluation process. Participation in laboratory assignments will be required.

**AUD 614 Instrumentation and Acoustics 3 cr**

Study of basic electricity, acoustics and measurement of sound properties, wave analysis, transducers, measuring and calibration systems, speech processing systems, and system interaction and integration.

**AUD 615 Speech and Language Science 3 cr**

Study of the acoustical, perceptual, physiological aspects of speech, as well as the phenomena of communication and language development. These are discussed as they relate to the field of audiology.

**AUD 616 Resrch Design Hearing Sci 3 cr**

Research designs utilized in the hearing sciences; elements of research proposals and studies; how to critique a research study; how to conduct a literature review; APA format; students will be required to write precis of research articles and write a research proposal. Elements of modern statistics including sets and functions, probability theory, hypothesis testing, analysis of variance models, correlation, and regression.

**AUD 621 Professional Issues 3 cr**

This course will address a variety of professional issues such as organizations, societies, and their histories; codes of ethics; scopes of practice; credentialing and licensure; the development of the AUD; guidelines and position statements generated by ASHA and AAA; standards and best practices; methods and models of service delivery; and audiology practice management.

**AUD 622 Medical Audiology 4 cr**

This course will address acquired and congenital diseases and disorders of the outer, middle, and inner ear and the central auditory nervous system occurring across the lifespan; imaging techniques; non-audiologic medical and surgical interventions for these conditions; and cerumen management techniques; and appropriate methods for monitoring of patients prescribed potentially ototoxic medications.

**AUD 623 Pharma & Ototox Monitoring 3 cr**

This course will provide the basic science background necessary to understand the effects of medications on the auditory and balance systems. This course will also address drug treatment strategies for hearing loss and balance disorders. Topics will include mechanisms of drug actions, side effects, how age and disease affect these mechanisms, and specific effects of certain drugs on the hearing and balance system. This course will additionally address appropriate methods for identification and monitoring of patients prescribed potentially ototoxic medications.

**AUD 630 Acoustics & Amp Technol 3 cr**

This course covers basic acoustics, measurement of sound, sound transmission, amplification technologies, hearing aid styles, basic hearing aid components, advanced hearing aid components, ear molds and styles, compression, advanced signal processing, electroacoustic properties of hearing aids, assistive listening devices, and use of ANSI standards.

**AUD 631 Sel, Fit & Verif of Amp Sys 3 cr**

This course will address the principles of selection, fitting, and verification of amplification systems, including hearing aids and assistive listening devices; subjective and objective audiologic assessments used to determine need for, select, and fit appropriate amplification systems for patients of all ages; and techniques used to select and fit amplification systems. The course will also address subjective and objective verification procedures, specifically addressing the importance of including Real-Ear Measures and subjective self-assessment measures in the amplification process.

**AUD 632 Hearing Aid Lab 1 cr**

This course will address the principles of verification and validation; tools used to verify appropriate fitting of amplification systems (such as real-ear probe-mic equipment) and techniques used to validate fitting (such as software packages, and subjective and objective audiologic measures); cochlear implant remapping.

**AUD 633 Advanced Sensory Aids 3 cr**

This course will address advanced technologies for individuals with hearing-impairment such as cochlear and brainstem implants, vibrotactile aids, and implantable devices, as well as the selection and fitting of these technologies.

**AUD 640 Basic Audiologic Assessment 3 cr**

This course will address the principles of cross-check, the test battery approach, differential diagnosis, relevant test equipment, instruments, and transducers, administration and interpretation of the pure-tone testing, clinical masking, case history, otoscopy, and tuning-fork tests, speech audiometry; tests for pseudo-hypoacusis, ototoxicity, site-of-lesion testing and historical assessments; and informal assessment procedures.

**AUD 641 Immitt & Otoacoustic Emission Meas 3 cr**

This course will address administration and interpretation of acoustic immittance and otoacoustic emission measures across the lifespan. Topics will address standard and multi-frequency tympanometry, acoustic reflex testing, and eustachian tube function testing; spontaneous, transient and distortion-product OAE measurement; and the influence of intrinsic and extrinsic variables, including cochlear and retro-cochlear pathology, on outcomes and differential diagnosis.

**AUD 642 Pediatric Audiology 4 cr**

This course addresses the issues associated with providing audiology diagnostic and rehabilitative services to pediatric and developmentally delayed populations. Topics will include gestational development, genetic transmission of hearing loss, risk factors for hearing loss, universal newborn hearing screening programs, early hearing loss detection and intervention programs, behavioral test administration and interpretation, communication development and needs of children with hearing loss and other special needs, communication approaches for children with hearing loss, pediatric aural (re)habilitation, and counseling to children and families.

**AUD 643 Audiology and Aging 3 cr**

This course will address the issues associated with providing audiology services to older adults. Issues will include effects of aging on anatomy, physiology, and function, and test administration and interpretation issues specific to older adults.

**AUD 645 Evoked Potential Measures 3 cr**

This course will address instrumentation (transducers and electrode types); application and interpretation of evoked potential (EP) measures including ENOG, ECoG, ABR, middle and late potentials, across the lifespan; sedation protocols; assessment protocols associated with different EP measures and the populations to which they are applied; population norms; intrinsic and extrinsic variables affecting EP results; differential diagnosis of auditory neuropathy; troubleshooting.

**AUD 646 Pediatric Audio Habilitation 3 cr**

This course will address issues associated providing audiology services to pediatric and developmentally delayed populations. Issues will include gestational development, test administration and interpretation; genetic transmission of hearing loss, risk factors for hearing loss; principles of screening and the development and construction of a screening program; universal newborn hearing screening and early hearing detection and intervention programs.

**AUD 647 Adult Audiologic Rehab & Aging 3 cr**

This course will address the implications of hearing loss in adulthood including the educational, vocational, social and legislative concerns of adults with hearing loss; assessment tools and intervention techniques used to maximize communication skills, including communication strategy training, speechreading, and group therapy approaches. Issues specific to older adults and aging will be particularly emphasized in this course.

**AUD 648 Counseling Hear Imp-Families 3 cr**

This course will address various theories, principles and techniques associated with the social and psychological aspects of disability as well as issues specific to and techniques used when counseling patients with hearing loss and their families.

**AUD 649 Educational Audiology 2 cr**

This course will address the role of educational audiology, as well as the development, management, and utilization of hearing screening programs, classroom acoustics, selection and fitting of classroom-based amplification, and federal law associated with children with special needs.

**AUD 650 Vestibular Assess-Treatment 3 cr**

This course will address assessment approaches utilized in the diagnosis of vestibular disorders (such as ENG) and procedures used in the management of these disorders (such as vestibular rehabilitation techniques).

**AUD 651 Assess-Treatmnt Cent Aud Proc 3 cr**

This course will address the development, assessment, and interpretation of an auditory processing test battery across the lifespan, as well as intervention approaches.

**AUD 652 Educational Audiology 2 cr**

This course will address the delivery of audiology services to a school-based population. Issues to be addressed will include the development, management and utilization of hearing and middle ear system screening programs, classroom acoustics, selection and fitting of classroom-based amplification, and federal law associated with children with special needs.

**AUD 653 Industrial-Forensic Audiology 3 cr**

This course will address federal noise standards, effects of noise exposure on the auditory system, sound measurement and instrumentation, development and implementation of a hearing conservation program, hearing protection devices and forensic audiology.

**AUD 654 Tinnitus and Hyperacusis 3 cr**

This course will address assessment and intervention approaches used in the management of tinnitus and hyperacusis.

**AUD 655 Spch-Lang Path for Audiologist 3 cr**

This interprofessional education (IPE) course will address the foundational knowledge and skills necessary for audiologists to work together with speech-language pathologists in interprofessional collaborative teams. Specifically, this course will address the scope of practice in audiology, speech-language screening, speech-language report literacy and special topics.

**AUD 656 Vestibular Assessment 4 cr**

This course will include a discussion of the peripheral and central anatomy and physiology of the balance system and the test measures used to assess the function of this complex system. Topics will include case history and screening measures, as well as test protocols and analysis of results on electronystagmography/videonystagmography, rotational testing, posturography, and vestibular evoked myogenic potentials. Taught Spring Semester.

**AUD 657 Management of Vestibular Disor 2 cr**

This course will focus on peripheral and central disorders of the vestibular system and the interpretation of results on diagnostic tests in disordered patients. Pharmacological and surgical treatments of dizziness will be discussed, as well as rehabilitative techniques to manage the vestibular pathology.

**AUD 658 Advanced Neurophys Measures 3 cr**

This course will address advanced electrophysiological techniques, including ENOG, ALR, ERPs (i.e. P300, etc), and neuroimaging techniques (fMRI and PET) with an emphasis on auditory and cognitive processing, across the lifespan; source localization techniques; instrumentation; stimulus and acquisition parameters; measurement procedures; analysis and interpretation.

**AUD 661 Developmnt-Managemnt Aud Prac 3 cr**

This course will address issues associated with audiology practice management including techniques involved in developing a mission statement and a business plan; working with an accountant; determining type, location, and name of practice; regulation, licensure, and hiring a legal advisor; equipment and service delivery decisions; establishing accounts with suppliers, paying bills and budgeting; third-party reimbursement, Medicaid, and Medicare; hiring and supervision; demographics and marketing; use of outcome data; and professional writing.

**AUD 674 Special Projects in Audiology 3 cr**

Student will be required to develop a variety of projects during their academic training, some of which will be further developed and completed during this course.

**AUD 675 Special Topics in Audiology 1 cr**

Student will identify cases or service delivery issues of clinical or professional interest and present these cases or issues to fellow students, clinical supervisors, and faculty via chat room in a grand rounds format.

**AUD 680 Clinical Methods in Audiology 1-3 cr**

Students will become familiar with and conduct basic audiologic procedures with non-clinical populations by completing various lab assignments. Students will also observe clinical activities in the USA Speech & Hearing Center.

**AUD 681 Clinical Practicum I 1-3 cr**

Discussion of instrumentation, procedures, and approaches to assessment and intervention in audiology.

**Corequisite:** AUD 681L

**AUD 681L Clinical Practicum I-Lab 1-3 cr**

Students will obtain experience administering audiologic assessments and intervention techniques with clinical populations in the USA Speech and Hearing Center or in off-campus clinical practicum sites under direct supervision.

**Corequisite:** AUD 681

**AUD 682 Clinical Practicum II 1-3 cr**

Discussion of instrumentation, procedures, and approaches to assessment and intervention in audiology.

**Corequisite:** AUD 682L

**AUD 682L Clinical Practicum II-Lab 1-3 cr**

Students will obtain experience administering audiologic assessments and intervention techniques with clinical populations in the USA Speech and Hearing Center or in off-campus clinical practicum sites under direct supervision.

**Corequisite:** AUD 682

**AUD 683 Clinical Practicum III 1-3 cr**

Discussion of instrumentation, procedures, and approaches to assessment and intervention in audiology.

**Corequisite:** AUD 683L

**AUD 683L Clinical Practicum III-Lab 1-3 cr**

Students will obtain experience administering audiologic assessments and intervention techniques with clinical populations in the USA Speech and Hearing Center or in off-campus clinical practicum sites under direct supervision.

**Corequisite:** AUD 683

**AUD 684 Clin Externship in Audiology 1-12 cr**

Off-campus opportunity to obtain clinical experience in a full-time setting. In addition, student may be required to identify cases or service delivery issues of clinical or professional interest and present these cases or issues to fellow students, clinical supervisors, and faculty via an online forum in a grand rounds format.

**AUD 699 Thesis 1-3 cr**

Under the advice and guidance of a faculty member, students will identify and complete a research project relevant to the field of Audiology. Requires approval of the Department Chair.

**Communication Scs Disord (CSD)****CSD 600 Doctoral Colloquium 1 cr**

This seminar is designed to provide a forum for presentation and discussion of faculty and doctoral student research projects. Topics may also include: teaching and learning styles and grant writing. Must be repeated until candidacy is achieved.

**CSD 650 Research Methods in CSD 3 cr**

Current methods and strategies used in research of communication processes.

**CSD 651 Speech and Hearing Sci & Inst 3 cr**

Advanced review of the process of speech production, acoustic phonetics, coarticulation, and speech perception with emphasis on laboratory research methods.

**CSD 662 Studies in Speech Science 3 cr**

Basic and advanced principles of the acoustics and physiology of speech production.

**CSD 663 Studies in Hearing Science 3 cr**

Advanced study of psychological and physiological acoustics.

**CSD 664 Studies in Language Science 3 cr**

Intensive study of the theoretical foundations underlying syntax, semantics, pragmatics, phonology, psycholinguistics, neurolinguistics, sociolinguistics, and applied pragmatics.

**CSD 665 Studies in Commun Neuroscience 3 cr**

Advanced study of neurosciences as they relate to processes and pathologies of human communication, including functional neuroanatomy and clinical neurology. Interdisciplinary research paradigms will also be discussed.

**CSD 672 Laboratory in Speech Science 1 cr**

Laboratory experiences in speech science.

**CSD 673 Laboratory in Hearing Science 1 cr**

Laboratory experiences in hearing science.

**CSD 674 Laboratory in Language Science 1 cr**

Laboratory experiences in language science.

**CSD 675 Lab in Communic Neuroscience 1 cr**

Laboratory experiences in communication neuroscience.

**CSD 682 Seminar in Speech Science 3 cr**

Intensive review of current research in speech production. May include normal and disordered processes. Topics may include acoustic phonetics, physiological phonetics, prosody, production and perception, fluency and voice. May be repeated.

**CSD 683 Seminar in Hearing Science 3 cr**

Intensive literature review of current knowledge and research in hearing and hearing disorders. Topics may include cochlear mechanics, complex signal processing, electrophysiological measures, development of hearing, hearing in the elderly, and hearing in other species. May be repeated.

**CSD 684 Seminar in Language Science 3 cr**

Intensive literature review of current methods, problems, and strategies in language research. Topics may include normal language acquisition, language-learning disorders, clinical aphasiology, and neurolinguistics. May be repeated.

**CSD 694 Directed Study - 1-3 cr**

Independent study under the direction of a graduate faculty member. May be repeated. Requires special permission.

**CSD 695 Directed Research 1-3 cr**

Research under the direction of a graduate faculty member. May be repeated. Requires special permission.

**CSD 696 Profess Pract - Administration 2 cr**

Supervised professional experiences in administration under the guidance of faculty mentors. May be repeated.

**CSD 697 Profess Pract-Clin Supervision 2 cr**

Supervised professional experiences in clinical teaching under the guidance of faculty mentors. May be repeated.

**CSD 698 Profess Practicum - Teaching 1-5 cr**

Supervised professional experiences in academic teaching under the guidance of faculty mentors. May be repeated.

**CSD 799 Dissertation Research 1-9 cr**

Independent research under the direction of a graduate faculty member. May be repeated. Requires special permission.

**Speech and Hearing Sci (SHS)****SHS 201 Intro to Comm Disorders 3 cr**

Overview of major disorders of human communication and the role of the Audiologist and Speech-Pathologist in assessing and treating them.

**SHS 210 Culturally Responsive Practice 3 cr**

This course presents a practical approach to systemic development of specific professional skills for providing effective, culturally sensitive clinical health services to ethnically and linguistically diverse patients. Building on standard models of multicultural competence that emphasize knowledge, awareness, and skills, students will be introduced to culturally humility, culturally specific approaches to practice, and frameworks for equity and empowerment.

**SHS 291 Intro Communication Disorders 3 cr**

Overview of major disorders of human communication and the role of the audiologist and speech-language pathologist in assessing and treating them.

**SHS 302 Hearing & Speech Science 3 cr**

This course addresses basic principles of hearing and speech science, including the physical properties of sound, sound generation, transmission, and measurement.

**SHS 314 Fundamentals Spch Hrng Science 3 cr**

This course will address the anatomy and physiology of the speech and hearing mechanisms, the physical properties of sound, quantification of sound, sound generation, and sound transmission.

**Prerequisite:** SHS 341 Minimum Grade of C or SPA 341 Minimum Grade of C

**SHS 315 A&P Sp, Lang, Swallow, Hrng 3 cr**

An introduction to the anatomy and physiology of speech, language, swallowing, and hearing mechanism.

**SHS 331 Normal Language Acquisition-W 3 cr**

Acquisition of communicative behavior in normal children during the first decade of life; development of syntax, semantics, pragmatics, cognition; clinical laboratory experience with children.

**Prerequisite:** SHS 341 Minimum Grade of C

**SHS 341 Clinical Phonetics 4 cr**

Transcription techniques for the analysis of speech. Includes a study of the dynamics of speech sound production.

**Prerequisite:** SHS 201 (may be taken concurrently) Minimum Grade of C

**SHS 373 Audiology I 4 cr**

This course is an introduction to the following topics- disorders of hearing, etiologies of auditory and vestibular disorders found in populations of all ages, and evaluation techniques used by audiologists.

**Prerequisite:** SHS 302 Minimum Grade of C

**Cross-Listed:** SHS 473

**SHS 374 Audiology II 3 cr**

This course is a study of the principles of the management of hearing loss in children and adults; relevant legislation; and treatment and education options.

**Prerequisite:** SHS 373 Minimum Grade of C

**SHS 414 Neurobiol Bases Human Comm 3 cr**

Introduction to neuroscience and clinical neurology as they apply to the processes of normal and disordered communication. Topics include neurophysiology, neuroanatomy, and neuropathologies.

**Prerequisite:** SHS 315 Minimum Grade of C and SHS 331 Minimum Grade of C and SHS 341 Minimum Grade of C

**SHS 431 Intro to Language Disorders 3 cr**

A survey of language disorders in preschool and school-age children; assessment and intervention.

**Prerequisite:** SHS 331 Minimum Grade of C

**SHS 441 Intro Articulat-Phonol Disord 3 cr**

Study of dynamics of disordered speech production. Techniques for the analysis and treatment of articulation and phonological disorders.

**Prerequisite:** (SHS 331 Minimum Grade of C or SPA 331 Minimum Grade of C) and (SHS 341 Minimum Grade of C or SPA 341 Minimum Grade of C)

**SHS 452 Intro to Voice and Fluency Dis 3 cr**

A beginning course in the study of normal voice production, a survey of typical voice disorders, and an overview of stuttering and its related disorders. Taught Fall Semester.

**Prerequisite:** SHS 314 Minimum Grade of C and (SHS 331 Minimum Grade of C or SPA 331 Minimum Grade of C)

**SHS 453 Intro to Speech Disorders 3 cr**

An introduction to disorders of articulation, voice, and fluency. Theoretical and etiological foundations will be surveyed as well as philosophical orientations to therapy.

**Prerequisite:** SHS 315 Minimum Grade of C and SHS 341 Minimum Grade of C

**SHS 480 Issues in Clinical Pract - W 3 cr**

Introduction to the clinical setting; organizations, and statutes that govern professional service. Instrumentation, procedures, and approaches to clinical service provision are introduced.

**Prerequisite:** SHS 331 Minimum Grade of C and SHS 341 Minimum Grade of C and SHS 373 Minimum Grade of C

**Cross-Listed:** SHS 481

**SHS 481 Intro to Clinical Practicum-W 4 cr**

Clinical practicum course designed as an introduction to the clinical setting; documentation procedures & guidelines; organizations and statutes that govern professional service; instrumentation, procedures, & approaches to clinical practice. Written documentation, observation of clinical activities (in-person and in-class video), and participation as a clinical aide are also significant course requirements.

**Prerequisite:** SHS 331 Minimum Grade of B and SHS 341 Minimum Grade of B and SHS 373 Minimum Grade of B and SHS 315 Minimum Grade of B and SHS 302 Minimum Grade of B

**Cross-Listed:** SHS 480

**SHS 490 Special Topics - 1-3 cr**

Topics to be determined by student need and interest. Content will vary. A subtitle identifying the topic will be entered on the student's record. May be repeated for a total of 6 hours. Requires permission of the department chair.

**SHS 494 Directed Independent Study 1-3 cr**

Independent study under the direction of a faculty member. Requires permission of the department chair.

**SHS 499 Senior Honors Project - H - W 1-6 cr**

Under the advice and guidance of a faculty mentor, honors students will identify and carry out a research project relevant to the field of Speech Pathology and Audiology. The senior project will be judged and graded by three faculty members chaired by the honors mentor. This course is required for Honors recognition. Permission of the department chair and completion of an approved project prospectus is required.

**Speech Lang Pathology (SLP)****SLP 510 Intro to Research Design 3 cr**

A general presentation of research procedures. The student will learn to read and evaluate professional literature and develop a research prospectus.

**SLP 521 Advanced Speech Science 3 cr**

The study of physical and acoustic concepts involved in speech production and perception including instrumental measurement and analysis.

**SLP 532 Clinical Linguistics 3 cr**

This course gives the student an overview of the linguistic theories and approaches that are relevant to the field of speech sciences. There will be a particular emphasis on those areas of linguistics that underpin the diagnostic and assessment procedures used in Speech Pathology. The course will focus on development and language use in normal populations and will show how knowledge of the pattern of typically developing language users can be applied to clinical contexts.

**SLP 533 Pediatric Language Disorders 3 cr**

Clinical assessment and management of language problems in infants, toddlers, and preschoolers, including language disorders associated with other developmental disorders and AAC.

**SLP 534 School-Aged Language Disorders 3 cr**

This course covers assessment and intervention approaches for school-age language disorders, children beyond age 5 years. Topics include speech-language services at the discourse level; the relationship between language and literacy; service delivery models including integration; educational laws and policies.

**SLP 541 Pediatric Speech Sound Disorders 3 cr**

Advanced study of disordered speech-sound production including these: development, assessment and intervention of articulation and phonological disorders in children.

**SLP 545 AAC for Indivs w Complex Comm 3 cr**

Introduction to the study and application of augmentative and alternative communication, including light-to-high tech augmentative and alternative communication devices to aid communication for persons with complex communication needs. The course includes device characteristics, program features, and intervention strategies as well as current trends in research for individuals with complex communication.

**SLP 551 Voice and Resonance Disorders 3 cr**

Advanced study of pathology, symptomatology, etiology, and treatment of voice and resonance disorders in children and adults.

**SLP 561 Fluency Disorders 3 cr**

Study of theories, research, and contemporary treatment procedures in the area of fluency disorders.

**SLP 565 Neuromotor Disorders of Commun 3 cr**

Review of neuroanatomy and physiology, nature of neuromuscular pathologies, methods of assessment and rehabilitation of neuromotor disorders of speech production.

**SLP 566 Aphasia & Neuro Lang Disorders 3 cr**

Study of the nature, characteristics, and clinical management of acquired neurogenic language disorders associated with focal lesions to the left or right hemisphere, including aphasia and right hemisphere syndrome.

**SLP 567 Acq Cognitive Comm Disorders 3 cr**

Study of the nature, characteristics, and clinical management of cognitive-communication disorders associated with diffuse brain lesion, including traumatic brain injury and dementia.

**SLP 568 Dysphagia 4 cr**

This course provides an in-depth study of healthy and disordered swallowing function across the lifespan. Specifically, students will learn normal anatomy and physiological processes of the upper aerodigestive tract, how to conduct clinical and instrumental evaluations of swallowing function, and develop individualized, targeted treatment plans for various swallowing impairments.

**SLP 588 Audiology for Speech-Lang Path 3 cr**

This course will address the SLP scope of practice, audiological tests, amplification, report literacy, and special topics. An interprofessional team approach with audiology will address co-management of services in individual with communication disorders.

**SLP 590 Dir Independent Research - 1-3 cr**

Independent research under the direction of a graduate faculty member. May be repeated. Requires permission of the instructor and the Graduate Advisor.

**SLP 592 Seminar in Comm Disorders - 1-10 cr**

This course is designed to provide the opportunity for in-depth study of special interests. Requires permission of the Graduate Advisor.

**SLP 594 Independent Study 1-3 cr**

Independent study under the direction of a graduate faculty member. May be repeated. Requires permission of instructor and Graduate Advisor.

**SLP 596 Clin Pract Speech-Lang Pathol 1-3 cr**

Discussion of instrumentation, procedures, and approaches to assessment and intervention in speech-language pathology.

**Corequisite:** SLP 596L

**SLP 596L Clin Pract Sp-Lang Path Lab 1-3 cr**

Supervised clinical experience in Speech-Language Pathology. May be repeated.

**Corequisite:** SLP 596

**SLP 597 Off-Campus Clinical Practicum in Speech Language Pathology 1-6 cr**

Students will complete a 14-week, part time clinical practicum at an off-campus site.

**Prerequisite:** SLP 596 Minimum Grade of B

**SLP 598 Clinical Externship 1-12 cr**

Supervised clinical experience in a professional service facility.

**SLP 599 Thesis 1-3 cr**

One to three credits per semester with a maximum of three hours credit. Regular standing required. Requires permission of the Graduate Advisor.

**Faculty**

<b>Faculty Name</b>	<b>Faculty Department</b>	<b>Faculty Position</b>	<b>Degrees Held</b>
ADAMS, ELIZABETH MEZTISTA (eadams@southalabama.edu)	Speech Pathology and Audiology	Associate Professor	BS, Spring Hill College PHD, University of South Alabama
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