Speech Pathology And Audiology

Department Information

<table>
<thead>
<tr>
<th>Speech Pathology and Audiology Faculty</th>
<th>(251) 445-9378</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair</td>
<td>Elizabeth M. Adams</td>
</tr>
<tr>
<td>Dean Emeritus</td>
<td>Talbott</td>
</tr>
<tr>
<td>Professor Emeritus</td>
<td>Dagenais, Evans, Sellers</td>
</tr>
<tr>
<td>Associate Professor Emeritus</td>
<td>Moore</td>
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<tr>
<td>Assistant Professor Emeritus</td>
<td>Holston</td>
</tr>
<tr>
<td>Professor</td>
<td>Beverly</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>Adams, Choi, Davis, Gordon-Hickey, Smith</td>
</tr>
<tr>
<td>Assistant Professors</td>
<td>Flagge, Garand, Henbest, Nichols, Rishiq, Roberts, Stanley</td>
</tr>
<tr>
<td>Senior Instructor</td>
<td>Hill, Hudson</td>
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<tr>
<td>Instructors</td>
<td>Wiles</td>
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Department of Speech Pathology and Audiology website
https://www.southalabama.edu/colleges/alliedhealth/speechandhearing

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 seeks to deliver 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, Master of Science in Speech-Language Pathology, Doctor of Audiology, and Doctor of Philosophy in Communication Sciences and Disorders degree programs.

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 Master of Science in Speech-Language Pathology program at the University of South Alabama is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology (CAA) of the American Speech-Language-Hearing Association, 2200 Research Boulevard #310, Rockville, Maryland 20850, (800)-498-2071 or (301)-296-5700.

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

Areas Of Study

Audiology (AuD)
Communication Sciences and Disorders (PhD)
Minor in Speech and Hearing Sciences
Speech and Hearing Sciences (BS SHS)
Speech-Language Pathology (MSSLP)

Courses

Allied Health Profs (AHP) (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.

AHP 390  Special Topics  1 TO 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 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 590  Special Topics  1 TO 9 cr
Selected topics in Health Sciences. Requires special
permission.

Audiology (AUD) (AUD)

AUD 681L  Clinical Practicum I-Lab  1 TO 3 cr
Students will obtain experience administering audioligic
assessments and intervention techniques with clinical
populations in the USA Speech and Hearing Center or in off-
campus clinical practicum sites under direct supervision.
Co-requisite: AUD 681

AUD 682L  Clinical Practicum II-Lab  1 TO 3 cr
Students will obtain experience administering audioligic
assessments and intervention techniques with clinical
populations in the USA Speech and Hearing Center or in off-
campus clinical practicum sites under direct supervision.
Co-requisite: AUD 682

AUD 683L  Clinical Practicum III-Lab  1 TO 3 cr
Students will obtain experience administering audioligic
assessments and intervention techniques with clinical
populations in the USA Speech and Hearing Center or in off-
campus clinical practicum sites under direct supervision.
Co-requisite: AUD 683

AUD 590  Seminar in Audiology  1 TO 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 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 Electroac Char of Amp Systems 3 cr
This course will address styles and types of earmolds, hearing aids, and assistive listening devices; components common to all amplification systems as well as optional features (such as directional microphones, volume controls, telecoils, etc.) and their electroacoustic properties and functioning; use of ANSI standards; physical, acoustic and electroacoustic modifications of earmolds and amplification systems.

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 Immit & Otoacous 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 3 cr
This course will address issues associated with providing audiologic 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 643 Audiology and Aging 3 cr
This course will address the issues associated with providing audiologic 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, EOcchG, 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 647  Adult Audio Rehabilitation  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.

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  Ped Habil & Educ Audiology  3 cr
This course will address the speech, language, and communication of children with hearing impairment. Manual and oral modes of communication will be discussed, including American Sign Language, Signing Essential English I and II, Cued Speech, Total Communication, and Auditory-Verbal Therapy. Other 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. Taught Spring Semester.

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 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 Hyperacusisis  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/verteonoystagmography, 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, ERP's (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 Pract  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 TO 3 cr
Students will become familiar with and conduct basic audologic 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 TO 3 cr
Discussion of instrumentation, procedures, and approaches to assessment and intervention in audiology.
Co-requisite: AUD 681L
AUD 682  Clinical Practicum II  1 TO 3 cr
Discussion of instrumentation, procedures, and approaches to assessment and intervention in audiology.
Co-requisite: AUD 682L

AUD 683  Clinical Practicum III  1 TO 3 cr
Discussion of instrumentation, procedures, and approaches to assessment and intervention in audiology.
Co-requisite: AUD 683L

AUD 684  Clin Externship in Audiology  1 TO 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 TO 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)

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 TO 3 cr
Independent study under the direction of a graduate faculty member. May be repeated. Requires special permission.

CSD 695  Directed Research  1 TO 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 TO 5 cr
Supervised professional experiences in academic teaching under the guidance of faculty mentors. May be repeated.
CSD 799  Dissertation Research  1 TO 9 cr
Independent research under the direction of a graduate faculty member. May be repeated. Requires special permission.

Speech Lang Pathology
(SLP) (SLP)

SLP 596L  Clin Pract Sp-Lang Path Lab  1 TO 3 cr
Supervised clinical experience in Speech-Language Pathology. May be repeated.
Co-requisite: SLP 596

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  Adv Articulation 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  Assist Tech for Comm Disorders  2 cr
Introduction to the study an application of assistive technology, including low-to-high tech augmentative and alternative communication devices to aid communication for persons with communication disorders. The course includes device characteristics, program features, and intervention strategies as well as current trends in research for individual with complex communication needs.

SLP 551  Voice and Resonance Disorders  3 cr

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 TO 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 TO 10 cr
This course is designed to provide the opportunity for in-depth study of special interests. Requires permission of the Graduate Advisor.
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
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<tr>
<td>SLP 594</td>
<td>Independent Study</td>
<td>1 TO 3 cr</td>
<td>Independent study under the direction of a graduate faculty member. May be repeated. Requires permission of instructor and Graduate Advisor.</td>
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<tr>
<td>SLP 596</td>
<td>Clin Pract Speech-Lang Pathol</td>
<td>1 TO 3 cr</td>
<td>Discussion of instrumentation, procedures, and approaches to assessment and intervention in speech-language pathology. Co-requisite: SLP 596L</td>
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<tr>
<td>SLP 597</td>
<td>Off-Campus Clinical Practicum</td>
<td>1 TO 6 cr</td>
<td>Students will complete a 14-week, part time clinical practicum at an off-campus site. Pre-requisite: SLP 596 Minimum Grade of B.</td>
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<tr>
<td>SLP 598</td>
<td>Clinical Externship</td>
<td>1 TO 12 cr</td>
<td>Supervised clinical experience in a professional service facility.</td>
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<tr>
<td>SLP 599</td>
<td>Thesis</td>
<td>1 TO 3 cr</td>
<td>One to three credits per semester with a maximum of three hours credit. Regular standing required. Requires permission of the Graduate Advisor.</td>
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**Speech And Hearing Sci (SHS) (SHS)**

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<tr>
<td>SHS 201</td>
<td>Intro to Comm Disorders</td>
<td>3 cr</td>
<td>Overview of major disorders of human communication and the role of the Audiologist and Speech-Pathologist in assessing and treating them.</td>
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<tr>
<td>SHS 210</td>
<td>Culturally Responsive Practice</td>
<td>3 cr</td>
<td>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.</td>
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<tr>
<td>SHS 302</td>
<td>Audiology and Hearing Sciences</td>
<td>3 cr</td>
<td>This course addresses basic principles of hearing science, including the physical properties of sound, sound generation, transmission, and measurement, anatomy and physiology of the hearing mechanisms; an introduction to the profession of audiology.</td>
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<tr>
<td>SHS 315</td>
<td>Fundamentals of Speech Science</td>
<td>3 cr</td>
<td>An introduction to the anatomy and physiology of speech production and the acoustic properties of speech.</td>
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<tr>
<td>SHS 331</td>
<td>Normal Language Acquisition-W</td>
<td>3 cr</td>
<td>Acquisition of communicative behavior in normal children during the first decade of life; development of syntax, semantics, pragmatics, cognition; clinical laboratory experience with children. Pre-requisite: SHS 341 Minimum Grade of C.</td>
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<tr>
<td>SHS 341</td>
<td>Clinical Phonetics</td>
<td>4 cr</td>
<td>Transcription techniques for the analysis of speech. Includes a study of the dynamics of speech sound production. Pre-requisite: SHS 201 Minimum Grade of C. SHS 201 can be taken concurrently with this course.</td>
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<tr>
<td>SHS 373</td>
<td>Audiology I</td>
<td>4 cr</td>
<td>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. Pre-requisite: SHS 302 Minimum Grade of C.</td>
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<tr>
<td>SHS 374</td>
<td>Audiology II</td>
<td>3 cr</td>
<td>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. Pre-requisite: SHS 373 Minimum Grade of C.</td>
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<tr>
<td>SHS 414</td>
<td>Neurobiol Bases Human Comm</td>
<td>3 cr</td>
<td>Introduction to neuroscience and clinical neurology as they apply to the processes of normal and disordered communication. Topics include neurophysiology, neuroanatomy, and neuropathologies. Pre-requisite: SHS 315 Minimum Grade of C and SHS 331 Minimum Grade of C and SHS 341 Minimum Grade of C.</td>
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<tr>
<td>SHS 431</td>
<td>Intro to Language Disorders</td>
<td>3 cr</td>
<td>A survey of language disorders in preschool and school-age children; assessment and intervention. Pre-requisite: SHS 331 Minimum Grade of C.</td>
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<tr>
<td>SHS 453</td>
<td>Intro to Speech Disorders</td>
<td>3 cr</td>
<td>An introduction to disorders of articulation, voice, and fluency. Theoretical and etiological foundations will be surveyed as well as philosophical orientations to therapy. Pre-requisite: SHS 315 Minimum Grade of C and SHS 341 Minimum Grade of C.</td>
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<tr>
<td>SHS 480</td>
<td>Issues in Clinical Pract - W</td>
<td>3 cr</td>
<td>Introduction to the clinical setting; organizations and statutes that govern professional service; instrumentation, procedures and approaches to remediation. Observation of therapy and indirect participation as a clinical aide are also a major part of this course. Special permission is required from instructor to take course. Pre-requisite: SHS 331 Minimum Grade of C and SHS 341 Minimum Grade of C and SHS 373 Minimum Grade of C.</td>
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</table>
SHS 481  Intro to Clinical Practicum-W  4 cr
This is a clinical practicum course designed as an introduction to the clinical setting; documentation procedures and guidelines; organizations and statutes that govern professional service; instrumentation, procedures, and approaches to remediation. Written documentation observation of therapy (live and in-class video) and participation as a clinical aide are also significant course requirements.
Pre-requisite: (SHS 302 Minimum Grade of B and SHS 315 Minimum Grade of B and SHS 331 Minimum Grade of B and SHS 341 Minimum Grade of B and SHS 373 Minimum Grade of B) and (EH 102 Minimum Grade of C or EH 105 Minimum Grade of C).

SHS 490  Special Topics -  1 TO 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 TO 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 TO 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.

Faculty

ADAMS, ELIZABETH M.
Associate Professor
BS, Spring Hill College
PHD, University of South Alabama

BEVERLY, BRENDA L.
Professor
BSED, Bloomsburg U of Pennsylvania
MS, Bloomsburg U of Pennsylvania
PHD, University of Tennessee-Knox

CHOI, DAHYE
Associate Professor
BA, Ewha Womans University
MA, Ewha Womans University
PHD, University of Tennessee-Knox

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