

Audiology (AUD)

AUD 381P Auditory Processing Disorders 3 Hours

Examine the assessment and treatment of disorders of the central auditory nervous system in children and adults.

AUD 383P Surgically Implanted Auditory Prostheses 3 Hours

Explore the theory behind implantable auditory technology and application. Learn to determine implant candidacy and outcomes of implantable devices.

AUD 383S Applications of Surgically Implanted Auditory Prostheses 3 Hours

Learn clinically applied skills in implantable auditory devices such as programming and assessing patient outcomes.

AUD 388P Basic Clinical Practicum in Audiology 3 Hours

Examine the basic foundations of practice in clinical audiology.

AUD 389P Intermediate Clinical Practicum in Audiology 3 Hours

Examine the intermediate methods and experiential learning in an immersive clinical audiology setting.

AUD 390Q Business Applications 3 Hours

Examine issues associated with the development, operation, and management of businesses devoted to service delivery in audiology and speech-language pathology.

AUD 391P Anatomy and Physiology of the Auditory System 3 Hours

Explore the structure and function of the auditory system, including hearing and balance mechanisms.

AUD 392C Counseling 3 Hours

Examine both speech-language pathology and audiology counseling roles when implementing patient-centered and family-centered care in a variety of settings.

AUD 394E Auditory Electrophysiology 3 Hours

Review the auditory nervous system and evaluate electrodermal, electroencephalographic, and electrocardiographic audiometry in depth.

AUD 394J Auditory Perception 3 Hours

Examine an overview of theories and research findings related to human auditory perception and recognition including acoustic characteristics of speech categorical perception, sound localization, and pitch and loudness perception.

AUD 394K Aural Habilitation 3 Hours

Examine both the pediatric and educational audiologist's roles when working with hard of hearing or deaf children and their families.

AUD 394P Amplifying Systems in Aural Rehabilitation 3 Hours

Examine principles of hearing aid circuitry and looped systems; ear molds and acoustic properties thereof; electroacoustic properties of hearing aids and selection procedures.

AUD 394S Medical Audiology 3 Hours

Explore audiologic implications of pathology and medical and/or surgical treatment of the ear; otologic diagnoses.

AUD 394T Topics in Audiology 3 Hours

Apply advanced clinical skills in Audiology for challenging disorders such as tinnitus, decreased sound tolerance, and auditory dysfunction in normal hearing.

AUD 395Q Pediatric Audiology 3 Hours

Explore current methods of testing the hearing of young children, including identification, electrophysiological and operant audiometry, and medical aspects of hearing loss in children.

AUD 396H Vestibular Sciences I 3 Hours

Explore vestibular anatomy and physiology, including vestibular dysfunction in congenital and adult disorders.

AUD 396J Vestibular Sciences II 3 Hours

Learn and apply vestibular diagnostic techniques designed to assess peripheral through central vestibular function.

AUD 396P Signals and Systems in Hearing and Speech 3 Hours

Explore electrophysiological and electroacoustic procedures in the study of communication behaviors.

AUD 396Q Advanced Amplifying Systems 3 Hours

Explore the fitting of amplification systems in various clinical populations, with a main focus on pediatric amplification followed by complex amplification cases across the lifespan.

AUD 397, 697, 997 Clinical Externship in Audiology 3,6,9 Hours

Engage in an intensive clinical experience in a professional setting.

AUD 198 Audiology Research Practicum 1 Hour

Conduct research under the mentorship of an Audiology Faculty member.

Present a prospectus at the end of the second year to faculty and peers.

Present findings to faculty/peers and present at conference and/or submission for publication at the end of the third year.

AUD 398Q Research Project in Audiology 3 Hours

Learn about conducting a research study and how to design a study.

Read and integrate relevant literature and develop hypotheses and research plan. Identify a mentor for the Audiology Research Practicum.