

Course Offerings in the Doctor of Audiology (Au.D.) Program

CSAD 610. Advanced Practice/SLP 1. 2Hr. Supervised clinical practicum that concerns the evaluation and treatment of children and adults with speech-language disorders.

CSAD 618. Evidence-Based Practice in Communication Sciences and Disorders. 3 hrs. Implementation of the scientific method in clinical practice with an emphasis on the critical review of the research literature in communication sciences and disorders.

CSAD 702. Anatomy and Physiology of the Ear. 3 Hr. Detailed study of the anatomy and physiology of the auditory and vestibular systems, and detailed investigation of physiological aspects of auditory and vestibular sensitivity.

CSAD 704. Instrumentation in Audiology. 3 Hr. A study of instrumentation utilized in the evaluation of hearing disorders, including calibration, maintenance, minor repair, and use of such instrumentation. The course includes foundational study of electricity and electrical components.

CSAD 706. Advanced Audiological Assessment 1. 4 Hr. Audiological test procedures utilized in the evaluation of hearing loss, including differential diagnosis, test administration and interpretation.

CSAD 709. Audiology Clinic 1. 2 Hr. Supervised clinical practicum that concerns the evaluation and treatment of children and adults with hearing disorders.

CSAD 710. Psychoacoustics. 3 Hr. Advanced study of the psychology of hearing.

CSAD 711. Audiological Assessment 2. 4 Hr. An advanced study of evaluation procedures utilized in the evaluation of hearing disorders, including adaptation of test procedures for varying clinical populations

CSAD 713. Advanced Audiological Rehabilitation. 3 Hr. Identification of candidates for aural rehabilitation; evaluating degree of handicap; introduction to speech, language, education, and academic achievement of hearing impaired children; auditory, visual, and combined methods of rehabilitation; aural rehabilitation counseling.

CSAD 714. Neuroanatomy and Physiology. 3 Hr. Advanced study of the structures of the auditory nervous system and their function.

CSAD 715. Amplification 1. 3 Hr. A study of amplification systems including assistive listening devices, hearing aid evaluation procedures, and outcome measures.

CSAD 716. Amplification Lab. 1. 1 Hr. Demonstration and introductory experience selecting, fitting and servicing basic hearing aids for individuals with hearing impairment.

CSAD 717. Pathologies of the Auditory System. 3 Hr. Detailed study of the nature and etiology of auditory system pathologies from the external ear to the auditory cortex and their audiological manifestation.

CSAD 720. Audiology Communication Skills. 3 Hr. Introduction to communicating within the discipline of audiology. Emphasis is placed on treating special needs of individuals with hearing/balance disorders and their families/caregivers.

CSAD 721. Amplification 2. 3 Hr. Advanced study of the structures of the operation, selection, fitting, and use of amplification systems for individuals with hearing disability.

CSAD 722. Amplification Lab 2. 1 Hr. Demonstration and introductory experience selecting and fitting amplification systems for individuals with hearing impairment.

CSAD 723. Pediatric Audiology. 3 Hr. A study of the development of the auditory response and hearing problems of early childhood. Students will learn the construction and application of specialized assessment techniques suitable for the pediatric patient.

CSAD 725. Physiological Measures. 3 Hr. Advanced study of the principles, methods, and applications of otoacoustic emission and evoked potential measurements of auditory function.

CSAD 726. Physiological Measures Lab. 1 Hr. Demonstration and introductory experience with otoacoustic emissions and evoked potential test procedures.

CSAD 729. Audiology Clinic 2. 2 Hr. Supervised clinical practicum that concerns the evaluation and treatment of children and adults with hearing disorders.

CSAD 731. Developmental Effects of Hearing Loss. 1 Hr. This course addresses developmental speech, language, and other communicative disorders caused by hearing impairment. The role of the audiologist in the diagnosis and treatment of children with hearing loss is discussed.

CSAD 734. Auditory Processing Disorders. 3 Hr. A study of auditory processing disorders, including evaluation methods and procedures, remediation theories and practices, as well as collaboration with other professions in management of the disorders.

CSAD 736. Vestibular Evaluation and Rehabilitation. 3 Hr. Advanced study of balance system function and dysfunction, the principles and methods of evaluating balance, and rehabilitation techniques.

CSAD 737. Vestibular Evaluation and Rehabilitation Lab. 1 HR. Demonstration and introductory experience performing balance system evaluation and rehabilitation techniques.

CSAD 738. Professional Issues. 2Hr. Discussion of contemporary professional issues in speech-language pathology and audiology.

CSAD 739. Audiology Clinic 3. 2 Hr. Supervised clinical practicum that concerns the evaluation and treatment of children and adults with hearing disorders.

CSAD 741. Audiology Business Management Practices. 3 Hr. This course is intended to provide an overview of concepts involved in the development and management of audiology practices. Specific attention will be paid to business planning, financial and managerial accounting, marketing, human resources management, and other audiology practice management topics involved in daily operations.

CSAD 743. Industrial Audiology. 3 Hr. A study of various noise parameters and measurement techniques. Industrial hearing conservation procedures and the effects of noise on man.

CSAD 745. Clinic Supervision Seminar. 2 Hr. An investigation into methods and techniques for clinical supervision in audiology.

CSAD 747. Cochlear and Brainstem Implants. 3 Hr. This course includes information related to the role and responsibilities of the audiologist on the cochlear and auditory brainstem implants team, including theoretical principles, pre-implant assessments, programming, implant orientation and troubleshooting, and other follow-up services.

CSAD 749. Audiology Clinic 4. 3 Hr. Supervised clinical practicum that concerns the evaluation and treatment of children and adults with speech-language disorders.

CSAD 759. Audiology Clinic 5. 4 Hr. Supervised clinical practicum that concerns the evaluation and treatment of children and adults with hearing disorders.

CSAD 769. Audiology Clinic 6. 4 Hr. Supervised clinical practicum that concerns the evaluation and treatment of children and adults with hearing disorders.

CSAD 779. Audiology Clinic 7. 6 Hr. Supervised clinical practicum that concerns the evaluation and treatment of children and adults with hearing disorders.

CSAD 789. Audiology Residency. 6-9 Hr. A semester placement in a clinical facility supervised by a certified audiologist, performing all aspects of audiology as applicable to the facility.

CSAD 795. Independent Study. 1-6 Hr. Faculty supervised study of topics not available through regular course offerings.

CSAD 797. Research. 1-15 Hr. Research activities leading to thesis, problem report, research paper, or equivalent scholarly project.