

# Communication Sciences and Disorders

M.S. in Speech-Language Pathology (<https://catalog.und.edu/graduateacademicinformation/departementalcoursesprograms/communicationsciencesanddisorders/csd-ms/>)

## **CSD 501. Seminar in Speech-Language Pathology and Audiology. 1-3 Credits.**

A study of the application of current and emerging data in the area of clinical assessment and management of speech disorders, language disorders, or disorders of hearing, in children and adults with communication impairments. May be repeated as topics change. Prerequisite: Consent of instructor. Repeatable.

## **CSD 525. Introduction to Research in Speech-Language Pathology. 3 Credits.**

Students will learn how research is produced in the field of Speech-Language Pathology. They will learn the research process and develop a research proposal. Students will also learn about the fundamentals of evidence-based practice and how to be knowledgeable consumers of research literature. S.

## **CSD 530. Audiology for SLPs. 2-3 Credits.**

Diagnosis and management of auditory disorders, including hearing screenings, diagnostic tests, audiogram interpretation, and hearing technologies as it relates to the profession of speech-language pathology. F.

## **CSD 532. Aphasia. 3 Credits.**

The study of impairment in language communication due to brain damage in adults. It includes clinical management-assessment, diagnosis, and treatment. Related problems such as cognitive deficit are also covered. F.

## **CSD 533. Investigations in Child Language. 3 Credits.**

Intervention approaches for treating language disorders in children with disabilities, such as developmental language disorder, autism spectrum disorder, social communication disorder and language disorder within culturally linguistic differences will be discussed. S.

## **CSD 534. Advanced Speech Sound Disorders. 3 Credits.**

This course explores the nature, assessment, and treatment of pediatric speech sound disorders. Specific topics include differential diagnosis of children with articulatory or phonological disorders, childhood apraxia of speech and consideration of cross-linguistic effect on speech sound production. S.

## **CSD 536. Stuttering and related disorders. 2 Credits.**

This course provides knowledge of the theoretical bases of stuttering, and the clinical management of stuttering in children and adults. Students will gain skills in the evaluation and differential diagnosis of fluency disorders. Students will learn about and practice major approaches to intervention for stuttering disorders. SS.

## **CSD 538. Voice Disorders. 3 Credits.**

This course will cover anatomy and physiology of the voice, vocal acoustics, various laryngeal pathologies, and organic and functional voice disorders. It also includes clinical management techniques. Alaryngeal voice disorders are reviewed. S.

## **CSD 542. Augmentative and Alternative Communication. 3 Credits.**

Assessment and intervention strategies for individuals who are preverbal, nonverbal, or present with complex communication needs will be investigated. A team approach will be emphasized, and a variety of augmentative and alternative communication systems will be explored. S.

## **CSD 550. Motor Speech Disorders. 2 Credits.**

This course covers etiology, symptomatology, diagnosis, treatment, and management of the motor speech disorders of dysarthria and apraxia of speech. Students will identify and describe degenerative diseases and medical conditions that result in acquired motor speech disorders. Childhood apraxia of speech is also covered in this course. SS.

## **CSD 551. Dysphagia. 3 Credits.**

This course provides an overview of normal swallowing from birth to the aging adult. It will also focus on assessment, management, and treatment of individuals with a variety of swallowing disorders. Students will complete MBSImP, a standardized approach to interpreting Video Fluoroscopic Swallow Studies (VFSS). F.

## **CSD 572. Right Hemisphere Damage. 3 Credits.**

The study of the syndromes that accompany right hemisphere damage. It includes cognitive and communicative deficits, their assessment, diagnosis, and treatment. Prerequisite: CSD 532. F.

## **CSD 580. Interprofessional Health Care. 1 Credit.**

This multidisciplinary course provides experience in working effectively with a team of health professionals from varying fields. Emphasis is placed on effective communication, the unique contributions of different professions, patient and family-centered approaches in health care delivery, and awareness of potential medical errors. Prerequisite: Department consent. S/U grading. F,S.

## **CSD 583. Evaluation and Service Delivery. 3 Credits.**

The study of (1) evaluation in speech-language pathology including interviewing, administering, and interpreting diagnostic assessments, and differential diagnosis; and (2) the principles of service delivery, including collaboration, supervision, client counseling, and management of services. Students will identify and acknowledge cultural and linguistic variables that impact evaluation approaches and service delivery. F.

## **CSD 584. Advanced Clinical Practicum. 3 Credits.**

Provision of clinical services to individuals with communication disorders under the supervision of an ASHA certified supervisor. Placement will be the UND Speech-Language-Hearing Clinic or a departmentally-approved external site. Repeatable. F,S,SS.

## **CSD 585. Externship. 1-16 Credits.**

Supervised practicum in a University-approved setting. Repeatable to 16.00 credits. F,S.

## **CSD 597. Special Problems in Communication Disorders. 1-3 Credits.**

An examination of special topics in communication disorders. Prerequisite: Consent of instructor. Repeatable.

## **CSD 996. Continuing Enrollment. 1-12 Credits.**

Repeatable. S/U grading.

## **CSD 997. Independent Study. 2 Credits.**

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## **CSD 998. Thesis. 1-9 Credits.**

Repeatable to 9.00 credits.

## **CSD 999. Dissertation. 1-12 Credits.**

Repeatable to 18.00 credits.

## Undergraduate Courses for Graduate Credit

### **CSD 343. Language Development. 3 Credits.**

The nature and development of linguistic content, form, and use from birth to adulthood are studied relative to the development of communication and speech; relative to cognitive, social, and physical development; and relative to cultural diversity. Corequisite: ENGL 209 and PSYC 250 or equivalents. F.

### **CSD 431. Introduction to Audiology. 3 Credits.**

Survey of audiology, specifically diagnostics and hearing disorders. Introduction to scientific principles and methods of administering, interpreting, and integrating components of the basic audiologic test battery, including case history/otoscopy, pure-tone air-and-bone conduction testing, speech testing, and immittance measures. Students will gain practical experience in administering the comprehensive audiologic test battery. Prerequisite: CSD 231 and CSD 235. F.

### **CSD 434. Aural Rehabilitation. 3 Credits.**

Theories, technologies, and procedures used to provide aural (re)habilitation to individuals with hearing disorders. Specifically, how clinicians improve speech, language, listening, and communication strategies of individuals with hearing disorders in various environments across their lifespan. Prerequisite: CSD 343 and CSD 431, or consent of instructor. S.

### **CSD 497. Special Problems in Communication Disorders. 1-3 Credits.**

An examination of special topics in Communication Disorders. Prerequisite: Consent of instructor. Repeatable. On demand.