

# COMMUNICATIVE SCIENCES & DISORDERS (CSD)

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## **CSD 109 - SLPeeps: A First Year Guide to CSD. 1 Credit.**

Offered autumn for credit/no credit grade mode only. This survey course is designed to present an overview of the CSD major, provide support for graduation success, and inform students about the profession as whole including practicing requirements. Level: Undergraduate

## **CSD 110 - Introduction to Speech, Language, and Audiology. 3 Credits.**

Offered intermittently. Introduction to the scientific study of human communication and its disorders and to the professions of Speech-Language Pathology and Audiology. Overview of biological systems of speech, language, and hearing and the nature and treatment of communication disorders.

## **CSD 191 - Special Topics. 1-6 Credits.**

### **CSD 194 - Seminar. 1-6 Credits.**

(R-6) Offered intermittently. A review and discussion of current research. Topics vary.

## **CSD 205 - Clinical Application and Observations in Speech-Language Pathology and Audiology. 2 Credits.**

Offered variable semester. Students will learn roles and responsibilities of being a speech-language pathologist and audiologist HIPAA regulations, and health and safety guidelines. This course is designed as an orientation and observation class which will prepare you for your future work in the area of Communicative Disorders.

## **CSD 210 - Speech & Language Development. 3 Credits.**

Offered intermittently. Sophomore standing or greater. Topics include typical speech and language development, phonology, semantic, morphological, syntax, and pragmatics, along with individual differences, second language acquisition and literacy.

## **CSD 221N - Fundamentals of Acoustics. 3 Credits.**

Offered intermittently. Provides students with a basic and working knowledge of acoustics and the physics of sound. Provides the basis for measurement and description of speech stimuli. Direct application to Speech Hearing and Language intervention as well as application into communicative sciences.

Gen Ed Attributes: Natural Science

## **CSD 222 - Intro to Audiology. 3 Credits.**

Offered intermittently. Introduction to principles of acoustics as a basis for understanding hearing assessment. Development of ability to interpret audiograms as well as the results from a hearing evaluation.

Includes pure tone and speech audiometry, acoustic immittance and reflex testing. Hearing screening procedures are also included.

## **CSD 261 - Introduction to Speech-Language Pathology Assistant. 1-3 Credits.**

Offered intermittently. Prereq., CSD 110 and CSD 210. This course is intended to provide the prospective speech-language pathology assistant (SLPA) with basic information about speech and hearing screening protocols and procedures. The focus of the course is on the role of the SLPA in clinical practice and follows the guidelines and scope of practice for SLPAs established by the American Speech-Language-Hearing Association.

## **CSD 265 - Developmental Speech and Language Disorders and Treatment. 3 Credits.**

Offered intermittently. Prereq., CSD 210. Nature of developmental speech and language disorders and basic understanding of principles underlying assessment and treatment of these disorders.

## **CSD 292 - Independent Study. 1-6 Credits.**

(R-6) Offered every term. Prereq., consent of instr. Course material appropriate to the needs and objectives of the individual student.

## **CSD 320 - Phono Development & Phonetics. 3 Credits.**

Offered intermittently. Junior standing or higher. Exploration of the sounds and sound structure of American English and some of its dialects. Introduction to the theory and practice of phonetic and phonological analysis and trained in the transcription of speech into the International Phonetic Alphabet.

## **CSD 330 - Anatomy and Physiology of the Speech and Swallowing Mechanism. 3 Credits.**

Offered intermittently. Introduction to anatomy and physiology of the speech and swallowing mechanisms including the anatomical orientation and embryological development, the breathing mechanism, structures of phonation and swallowing, articulators, and the nervous system.

## **CSD 331 - Neurological Bases of Communication and Swallowing. 3 Credits.**

Offered intermittently. Prereq., CSD 330. Focused study on the anatomy of the nervous system and how the nervous system supports behaviors inherent to communication and swallowing. Students will be introduced to anatomical terms, structures, and functions. Clinical implications will be linked to class with a focus across the lifespan. Level: Undergraduate.

## **CSD 365 - Acquired Communication and Swallowing Disorders. 3 Credits.**

Offered intermittently. Prereq., CSD 210 and junior standing or higher. Identification, assessment, and intervention for a variety of acquired speech, language, cognitive, and swallowing disorders. Introduction to potential psychosocial impacts and educational concerns, utilizing the WHO-ICF, multicultural considerations, and incorporation of family members. Introduction to clinical documentation for acquired disorders.

## **CSD 392 - Independent Study. 1-6 Credits.**

(R-6) Offered every term. Prereq., consent of instr. Course material appropriate to the needs and objectives of the individual student.

## **CSD 396 - Inclusive Campus-Based Practices for Neurodiverse Persons/ Service Learning. 2 Credits.**

(R-6) Offered intermittently. Prereq., junior or senior standing, and/or consent of instructor, and application required. This course educates students about neurodiversity in adults. The didactic portion addresses topics aligned with the specialized consideration for people with autism and neurodiversity. The service-learning portion allows direct mentorship and support to neurodiverse adults on and off campus.

## **CSD 405 - The Clinical Process. 3 Credits.**

Offered intermittently. Prereq., CSD 210, CSD 222, CSD 320, and CSD 365. The underlying principles of clinical methods and practice including: the observation of human behavior and clinical processes, assessment of communication differences, clinical management of these differences, delays and disorders, behavior, interviewing/counseling, lesson planning, and writing skills. Level: Undergraduate

## **CSD 420 - Speech and Hearing Science. 3 Credits.**

Offered intermittently. Prereq., CSD 222, CSD 320, and CSD 330. Physiologic, neurologic, and acoustic aspects of human communication, theoretical framework for speech and hearing science, and principles of acoustics applied to speech language pathology across the lifespan. Level: Undergraduate

**CSD 430 - Senior Capstone. 3 Credits.**

Offered autumn. Prereq., WRIT 101 or equivalent, and one intermediate writing course and senior status. Part one of a two course sequence where the student completes an independent project. Students will prepare a literature review, and ethics application, and a proposal in preparation for a major research project of their design. Level: Undergraduate

Gen Ed Attributes: Advanced Writing

**CSD 445 - Social Communication Skills, Behavior, and Neurodiversity. 3 Credits.**

Offered intermittently. Prereq., junior or senior standing. This course explores and integrates social aspects of communication (e.g., behavioral and social understanding/competence), communication accommodations, adaptations, and strategies for functional communication and independent living skills. Topics include foundational information on autism as well as assessment and treatment using evidence-based practices for autism spectrum disorder and related disorders. Co-convened with SLP 545. Level: Undergraduate

**CSD 450 - Intro to Aural Rehabilitation. 3 Credits.**

Offered intermittently. Prereq., CSD 210, CSD 222, or graduate standing. Fundamental skills in speech reading, various types of hearing aids, and the tools necessary to assess and implement auditory training. Management of the client with hearing impairment including psychosocial development and educational intervention. Both children and adults are included. Level: Undergraduate-Graduate

**CSD 460 - Language Assessment and Intervention for Children Birth to Preschool. 3 Credits.**

Offered intermittently. Prereq., CSD 210, CSD 320, and senior standing. Students learn language assessment and intervention for children with language delays and disorders from birth to age six including language sampling and analysis procedures, interpreting formal and informal testing, facilitating language through strategies and corresponding theories, planning clinical management and intervention, and enhancing emergent literacy. Level: Undergraduate and Graduate

**CSD 461 - Advanced Methods for Speech-Language Pathology/Audiology Assistants. 1-3 Credits.**

Offered intermittently. Prereq., or coreq., CSD 361. This course is intended to provide students studying to become speech-language pathology/Audiology Assistants with advanced clinical methodologies associated with individuals with a range of communication abilities. The focus of the course is on the advanced role of the SLP/Audiology-Assistants in clinical practice and follows the guidelines and scope of practice for SLP/Audiology-Assistants established by the American Speech-Language-Hearing Association. Level: Undergraduate

**CSD 480 - Multicultural Issues. 3 Credits.**

Offered intermittently. Prereq., CSD 210, CSD 222, and CSD 320. Topics include: dynamics of community and culture; strategies to communicate with people from a variety of backgrounds; learning English as a second language; phonological and linguistic analysis of differences between Standard English speakers and culturally diverse populations and international differences in service delivery. Level: Undergraduate-Graduate

**CSD 490 - Research. 1-3 Credits.**

(R-6) Offered Autumn, Spring. Prereq., consent of the instructor. Participation in independent or instructor associated research activities. Level: Undergraduate

**CSD 491 - Special Topics. 1-3 Credits.**

(R-6) Offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics. Level: Undergraduate-Graduate

**CSD 492 - Independent Study. 1-6 Credits.**

Level: Undergraduate-Graduate

**CSD 494 - Seminar/Workshop. 1-6 Credits.**

(R-12) A review and discussion of current research. Topics vary.

**CSD 495 - Practicum. 1-3 Credits.**

(R-5) Prereq., lower division CSD courses and consent of CSD Clinical Director. A maximum of 5 credits of clinical practicum may count toward graduation. Allows the advanced student an opportunity to pursue independent or small group clinical practicum. Students will be directly supervised by a certified speech and language pathologist or audiologist. Level: Undergraduate

**CSD 498 - Independent Research. 1-4 Credits.**

(R-6) Offered Autumn, Spring. Prereq., consent of the instructor. Participation in independent or instructor associated research activities. Level: Undergraduate