COMMUNICATIVE SCIENCES & DISORDERS (CSD)

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 SLPA 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,
thoretical 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