COMMUNICATION SCIENCES AND DISORDERS (CSD)

CSD 302-0 Anatomy and Physiology of the Peripheral Hearing Mechanism (1 Unit)
Gross and fine structure; function of the peripheral auditory system. Prerequisites: junior standing or above, CSD 202-0, or consent of instructor.
Natural Sciences Distro Area

CSD 306-0 Psychoacoustics (1 Unit)
Principles underlying perception of pitch, loudness, auditory space, auditory patterns, and speech. Psychophysical procedures for studying psychoacoustics and the impact of hearing impairment are considered. Social Behavioral Sciences Distro Area

CSD 310-0 Biological Foundations of Speech and Music (1 Unit)
Anatomy and physiology of the central auditory pathway, experience-related neural plasticity, right/left brain specialization, audiovisual integration, auditory learning and perception, and neural encoding of speech and music. Crosslisted with CSD 410-0 and SAI 502-0. Prerequisite: junior standing or consent of instructor.
Natural Sciences Distro Area

CSD 334-0 Delivery Systems in Speech & Language Pathology (1 Unit)
Organization and administration of speech language pathology services in schools, health care agencies, and private practice. Social Behavioral Sciences Distro Area

CSD 369-0 Special Topics in Communication Sciences and Disorders (0.5-1 Unit)
Current scientific and professional issues in communication sciences and disorders. Topics vary by offering.
Social Behavioral Sciences Distro Area

CSD 376-0 Diagnostic & Remedial Approaches for Children With Learning Problems (1 Unit)
Introduction to the field of learning disabilities and its theoretical perspectives, assessment, and instruction principles, and to the process of clinical teaching. Emphasis on instruction, accommodation, service delivery, progress monitoring, and transition. Social Behavioral Sciences Distro Area

CSD 401-1 Experimental Design and Statistics in Communication Sciences and Disorders (1 Unit)
Natural Sciences Distro Area

CSD 404-2 Experimental Design and Statistics in Communication Sciences and Disorders (1 Unit)

CSD 410-0 Biological Foundations of Speech and Music (1 Unit)
Anatomy and physiology of the central auditory pathway, experience-related neural plasticity, right/left brain specialization, audiovisual integration, auditory learning and perception, and neural encoding of speech and music. Crosslisted with CSD 310-0 and SAI 502-0.
assignments on different types of communication (e.g., elevator speech, short research talk, abstract) throughout the quarter.

**CSD 551-0 Topics in Communication Sciences and Disorders (1 Unit)**
Reading, reviewing, and critiquing published research in a specific topic area in communication sciences and disorders. Topics to be announced.

**CSD 552-1 Laboratory Experiences in Communication Sciences and Disorders (1 Unit)**
Experience in laboratory research in communication sciences and disorders.
Prerequisites: Faculty permission.

**CSD 552-2 Laboratory Experiences in Communication Sciences and Disorders (1 Unit)**
Experience in laboratory research in communication sciences and disorders.
Prerequisites: Faculty permission.

**CSD 552-3 Laboratory Experiences in Communication Sciences and Disorders (1 Unit)**
Experience in laboratory research in communication sciences and disorders.
Prerequisites: Faculty permission.

**CSD 590-0 Research (1-3 Units)**
Independent investigation of selected problems pertaining to thesis or dissertation. May be repeated for credit.