

# COMMUNICATION SCS DISORD (CSD) (CSD)

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## **CSD 600 Doctoral Colloquium 1 cr**

This seminar is designed to provide a forum for presentation and discussion of faculty and doctoral student research projects. Topics may also include: teaching and learning styles and grant writing. Must be repeated until candidacy is achieved.

## **CSD 650 Research Methods in CSD 3 cr**

Current methods and strategies used in research of communication processes.

## **CSD 651 Speech and Hearing Sci & Inst 3 cr**

Advanced review of the process of speech production, acoustic phonetics, coarticulation, and speech perception with emphasis on laboratory research methods.

## **CSD 662 Studies in Speech Science 3 cr**

Basic and advanced principles of the acoustics and physiology of speech production.

## **CSD 663 Studies in Hearing Science 3 cr**

Advanced study of psychological and physiological acoustics.

## **CSD 664 Studies in Language Science 3 cr**

Intensive study of the theoretical foundations underlying syntax, semantics, pragmatics, phonology, psycholinguistics, neurolinguistics, sociolinguistics, and applied pragmatics.

## **CSD 665 Studies in Commun Neuroscience 3 cr**

Advanced study of neurosciences as they relate to processes and pathologies of human communication, including functional neuroanatomy and clinical neurology. Interdisciplinary research paradigms will also be discussed.

## **CSD 672 Laboratory in Speech Science 1 cr**

Laboratory experiences in speech science.

## **CSD 673 Laboratory in Hearing Science 1 cr**

Laboratory experiences in hearing science.

## **CSD 674 Laboratory in Language Science 1 cr**

Laboratory experiences in language science.

## **CSD 675 Lab in Communic Neuroscience 1 cr**

Laboratory experiences in communication neuroscience.

## **CSD 682 Seminar in Speech Science 3 cr**

Intensive review of current research in speech production. May include normal and disordered processes. Topics may include acoustic phonetics, physiological phonetics, prosody, production and perception, fluency and voice. May be repeated.

## **CSD 683 Seminar in Hearing Science 3 cr**

Intensive literature review of current knowledge and research in hearing and hearing disorders. Topics may include cochlear mechanics, complex signal processing, electrophysiological measures, development of hearing, hearing in the elderly, and hearing in other species. May be repeated.

## **CSD 684 Seminar in Language Science 3 cr**

Intensive literature review of current methods, problems, and strategies in language research. Topics may include normal language acquisition, language-learning disorders, clinical aphasiology, and neurolinguistics. May be repeated.

## **CSD 694 Directed Study - 1-3 cr**

Independent study under the direction of a graduate faculty member. May be repeated. Requires special permission.

## **CSD 695 Directed Research 1-3 cr**

Research under the direction of a graduate faculty member. May be repeated. Requires special permission.

## **CSD 696 Profess Pract - Administration 2 cr**

Supervised professional experiences in administration under the guidance of faculty mentors. May be repeated.

## **CSD 697 Profess Pract-Clin Supervision 2 cr**

Supervised professional experiences in clinical teaching under the guidance of faculty mentors. May be repeated.

## **CSD 698 Profess Practicum - Teaching 1-5 cr**

Supervised professional experiences in academic teaching under the guidance of faculty mentors. May be repeated.

## **CSD 799 Dissertation Research 1-9 cr**

Independent research under the direction of a graduate faculty member. May be repeated. Requires special permission.