

# COMMUNICATION SCI & DISORDERS (CDIS)

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## CDIS 1013 Brain Works

**Description:** This course will teach students how to tap into their brain power to be a successful student. Basic neural anatomy and physiology, techniques to assist in test taking, socialization, critical thinking, memory, stress relief, and daily problem solving.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

## CDIS 2013 Facts and Fiction About Communication Disorders

**Description:** Overview and examination of communication disorders as portrayed in media (movies, books, etc.), dispelling myths and misconceptions. Discussion and practice with ways to be a respectful, successful communicator with people of different backgrounds, life experiences, and communication challenges.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

## CDIS 2033 Deaf Communication and Education (D)

**Description:** Issues in communication and education for children with hearing loss (communication options, schooling options, assistive technology, cochlear implants, language development, literacy, socializing) and introduction to Deaf culture and American Sign Language. Awareness of the breadth of challenges and options facing parents and educators of children with hearing loss. Previously offered as CDIS 4033, CDIS 4132, and SPTH 4132.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**General Education and other Course Attributes:** Diversity

## CDIS 2223 Speech and Language Development

**Description:** Discussion of current theories and research on typical language development over the lifespan. Normal acquisition of language (e.g. phonology); speech and language milestones; biological, cognitive, and social bases; description of dialect variations, second language acquisition; atypical language development; and relationship between spoken and written language. Previously offered as CDIS 3223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

## CDIS 2313 Introduction to Communication Disorders

**Description:** Introduction of communication impairments across the lifespan (speech, language and hearing disorders). Including their neuromuscular bases; assessment and treatment; and professions related to assessment and treatment. Open to all university students. Previously offered as CDIS 3213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

## CDIS 2890 Honors Add-on

**Prerequisites:** Honors College participation and concurrent enrollment in a designated course.

**Description:** A supplemental introductory honors experience to partner concurrently with designated course(s). This course adds a different intellectual dimension to the designated course(s).

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**General Education and other Course Attributes:** Honors Credit

## CDIS 3113 Communication Disorders in Children

**Prerequisites:** A grade of "C" or higher in CDIS 2313 and (CDIS 2223 or CDIS 3223).

**Description:** Assessment and treatment of childhood communication disorders including autism, cerebral palsy, articulation and phonological disorders (speech sounds and their normal acquisition, common phonological errors), language disorders, fluency disorders, nonverbal and minimally verbal children, children using AAC, voice disorders and communication disorders in school-age children. Same course as CDIS 4113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

## CDIS 3123 Audiology Diagnosis

**Prerequisites:** CDIS 3203 with a grade of "C" or higher.

**Description:** Introduction to the profession of audiology, anatomy and physiology of the auditory system, types of hearing loss, hearing disorders, and clinical tests used in the diagnosis of children and adults with hearing loss. Previously offered as SPTH 3123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 3203 Anatomy and Physiology of the Speech Mechanism**

**Prerequisites:** A grade of "C" or higher in BIOL 1114 or (BIOL 1113 and BIOL 1111).

**Description:** Overview of the structure and function of the skeletal, muscular, respiratory, phonatory, articulatory, auditory, and nervous system involved in the speech communication processes. Previously offered as CDIS 4213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 3313 Phonetics**

**Description:** The analysis and description of speech at the segmental and suprasegmental levels. Development of students' perceptual and analytical skills in speech sound production. Practice using the International Phonetic Alphabet for broad and narrow transcription. Overview of the speech production mechanism and process. Previously offered as CDIS 2213 and SPTH 2213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 3413 Introduction to Research**

**Prerequisites:** A grade of "C" or higher in STAT 2013, STAT 2053 or STAT 4053.

**Description:** Introduction to research process and evidence based practice in communication disorders, including how to locate and evaluate research articles, how to find possible research topics, issues related to conduction of experiment, and how to determine treatment effectiveness.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4010 Clinic Practicum**

**Prerequisites:** Consent of instructor.

**Description:** Supervised clinical practicum in speech-language pathology and audiology. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 4013 Diagnostics**

**Prerequisites:** A grade of "C" or higher in CDIS 3213 and CDIS 3223.

**Description:** This course addresses principles and methods of assessment and diagnostics for people with communication disorders. The course includes test construction and design, reliability, validity, and other issues related to criterion and norm-referenced testing. Issues regarding diagnostic criteria and classification systems of communication disorders are also addressed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4023 Clinical Methods and Issues**

**Prerequisites:** A grade of "C" or higher in CDIS 2213, CDIS 2223 and CDIS 3313.

**Description:** Fundamental process and procedures of clinical practicum, report writing, goal selection; production, assessment and recording of speech and language behaviors; development of interpersonal skills with clients, families, and other professionals; problem solving skills; professional organization and credentialing requirements and includes clinical observation. Previously offered as CDIS 4022.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4133 Audiology Treatment**

**Prerequisites:** A grade of "C" or higher in CDIS 3123.

**Description:** Review of hearing aids, implantable hearing devices, medical management of hearing loss, aural rehabilitation, and other clinical treatments for children and adults with hearing loss. Previously offered as SPTH 4133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4313 Speech Science**

**Prerequisites:** A grade of "C" or higher in CDIS 3313, CDIS 3203 and any PHYS course.

**Description:** Scientific bases of the acoustic parameters, the perceptual and productive processes of speech, and the interrelationships of those factors during speech communication. Previously offered as SPTH 4313. May not be used for degree credit with CDIS 5313.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4423 Neural Bases of Speech and Language**

**Prerequisites:** A grade of "C" or higher in CDIS 3203.

**Description:** Neuroanatomy and neuro-physiological processes related to speech and language. Including basic anatomy of the central and peripheral nervous systems and the physiological processes involved in neuromotor control and neuronal function related specifically to speech and language. Previously offered as CDIS 4412.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4433 Communication Disorders in Adults**

**Prerequisites:** A grade of "C" or higher in CDIS 3203 and CDIS 4423.

**Description:** A review of language disorders and changes occurring with both normal aging and common neurological diseases and traumas, with focus on cerebral vascular accidents. Neurophysiological bases and etiology are presented as well as evaluation and treatment of aphasia and right hemisphere disorders, dementia and traumatic brain injury.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4900 Undergraduate Research**

**Prerequisites:** Consent of instructor.

**Description:** Research in speech, language, and hearing sciences and disorders. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 4970 Special Topics in CSD**

**Prerequisites:** Consent of instructor.

**Description:** Individual and group investigations of topics in communication sciences and disorders. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 4980 Independent Study in CDIS**

**Prerequisites:** Junior standing and consent of instructor.

**Description:** Directed readings or research in communication sciences and disorders. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 4993 Senior Honors Thesis**

**Prerequisites:** Departmental invitation, senior standing, Honors Program participation.

**Description:** A guided reading and research program ending with an honors thesis under the direction of a faculty member. Required for graduation with departmental honors in communication sciences and disorders.

**Credit hours:** 3

**Contact hours:** Contact: 3 Other: 3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**General Education and other Course Attributes:** Honors Credit

**CDIS 5000 Masters Research & Thesis**

**Prerequisites:** Consent of graduate faculty.

**Description:** Research in speech, language and hearing sciences and disorders. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 5013 Evidence-Based Practice**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders or consent of instructor.

**Description:** Principles and procedures of evidence-based practice in communication sciences and disorders; experience finding and evaluating systematic research.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5113 Developmental Language Disorders**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Assessment and treatment of developmental language disorders from birth to the early school years. Coverage of the continuum of naturalness from play-based therapy to clinician-directed therapy. The course includes current standards of practice as well as attention to changes derived from evidence-based practice.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5143 Speech Sound Disorders**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Assessment and treatment of speech sound disorders, including phonological disorders, articulation disorders, and childhood apraxia of speech. Affected individuals include toddlers, children, and young adults. The course includes current standards of practice as well as attention to changes derived from evidence-based practice.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5153 Neurological Communication Disorders**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Communication changes occurring with aging and common neurological diseases and trauma. Neurophysiological bases and etiology. Evaluation and treatment of aphasia and right hemisphere disorders. Previously offered as CDIS 5152.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5163 Dysphagia**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Anatomy and neurophysiology of the swallowing mechanism in relation to pediatric and adult dysphagia. Evaluation, diagnosis and treatment of swallowing problems in children and adults including videofluoroscopic training with case studies. The first two-thirds of the course focus on adult dysphagia and the latter one third on pediatric dysphagia. Previously offered as CDIS 5160.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5183 Traumatic Brain Injury and Dementia**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Nature, evaluation and treatment of acquired cognitive communication disorders secondary to traumatic injury or dementia.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5193 Motor Speech Disorders**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Nature, evaluation and treatment of neurologically-based motor speech disorders such as dysarthria and apraxia. Previously offered as CDIS 5172.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5210 Advanced Practicum**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, and consent of instructor.

**Description:** Practical experience for the advanced student on or off campus. Offered for variable credit, 1-6 credit hours, maximum of 15 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 5243 Disorders of Literacy and Complex Language**

**Prerequisites:** A grade of "B" or higher in CDIS 5113 and graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Assessment and treatment of literacy disorders and disorders of complex oral language. Clients include school-aged children, adolescents, and young adults. Students will make connections between literacy conventions and the structure of spoken language including complex phrases and sentences. The course includes current standards of practice as well as attention to changes derived from evidence-based practice. Previously offered as CDIS 5242.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5313 Speech Science**

**Description:** Scientific bases of the acoustic parameters, the perceptual and productive processes of speech, and the interrelationships of those factors during speech communication. Previously offered as SPTH 4313. May not be used for degree credit with CDIS 4313.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5330 Voice and Resonance Disorders**

**Credit hours:** 1-4

**Contact hours:** Lecture: 1-4 Contact: 1-4

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5340 Counseling for Speech-Language Pathologists**

**Description:** This course is designed specifically for speech-language pathologists and presents the concepts of counseling as they relate to the assessment and treatment of individuals with communicative disorders, their families, and others in their environment. The goal is to make the connection between the theories of communication disorders and their application for individuals with communication disorders. Topics include the importance of a client-clinician relationship, efficacy beyond traditional measures, practice-based evidence, making change, diversity, and ethics. Offered for variable credit, 1-4 credit hours, maximum of 4 credit hours.

**Credit hours:** 1-4

**Contact hours:** Lecture: 1-4 Contact: 1-4

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5420 Augmentative/Alternative Communication**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Evaluation and management of communication disorders in individuals requiring specially adapted educational intervention programs. Adaptive communication technologies. Previously offered as CDIS 5423.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5433 Cleft Palate**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Recent research in the etiology, assessment and management of communicative disorders in individuals with cleft palate.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5533 Autism Spectrum Disorder: Assessment & Intervention of Communication Deficits**

**Prerequisites:** Graduate standing or permission of instructor.

**Description:** Assessment and treatment of communication deficits associated with autism spectrum disorder. Etiologies and recent trends in autism spectrum disorder will also be discussed.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5710 Special Topics in Communication Disorders**

**Prerequisites:** Consent of instructor.

**Description:** Individual and group investigations of problems in communication sciences and disorders. Offered for variable credit, 1-4 credit hours, maximum of 9 credit hours.

**Credit hours:** 1-4

**Contact hours:** Contact: 1-4 Other: 1-4

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 5713 Fluency Disorders**

**Prerequisites:** Graduate standing in the Department of Communication Sciences and Disorders, or consent of instructor.

**Description:** Current research regarding the nature of etiologies, evaluation and treatment of dysfluent speech in both children and adults. Previously offered as CDIS 4443 and SPTH 4443.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5720 Seminar in Communication Disorders**

**Prerequisites:** Consent of instructor.

**Description:** Topics relevant to the evaluation and treatment of communication disorders presented on a rotating basis. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 5730 Independent Study in Communication Sciences and Disorders**

**Prerequisites:** Graduate standing and consent of instructor.

**Description:** Directed readings or research in communication sciences and disorders. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D

**CDIS 5732 Professional Issues**

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Communications Sci & D

**CDIS 5760 Portfolio**

**Prerequisites:** Graduate standing.

**Description:** Nature and preparation of professional portfolio with faculty guidance. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours.

**Credit hours:** 1-2

**Contact hours:** Contact: 1-2 Other: 1-2

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Communications Sci & D