

---

**CSD                      Communication Sciences and Disorders**

---

**#CSD 120 CAREERS IN SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY. (1)**

An overview of the Speech-Language Pathology and Audiology profession(s) including aspects of professional practice, areas of specialization, professional issues and trends, and career paths and opportunities. The course will consist of assignments, lectures and interactive discussions led by faculty and visiting professionals designed to expand students' understanding of the profession(s) and to assist in educational and career planning and discernment.

**CSD 220 AMERICAN SIGN LANGUAGE I AND THE CULTURE OF THE DEAF COMMUNITY IN AMERICA. (3)**

An introductory course in American Sign Language (ASL), the native language of the Deaf community in America, this course lays a foundation for effective, respectful, participation in a culturally and linguistically diverse society. The course will employ an immersion approach to develop basic skills in conversational ASL and fingerspelling, as well as an appreciation of the basic grammatical principles of ASL, the historical and cultural background of the language, linguistic and ethical principles related to use of ASL, and the role of Deaf culture in society. Prereq: CSD or HHS majors or permission of the instructor.

**CSD 277 INTRODUCTION TO COMMUNICATION DISORDERS. (3)**

An introduction to disorders of speech, language, and hearing. The course includes definitions, symptomatology, etiologies, and basic intervention principles for these disorders.

**CSD 285 APPLIED PHONETICS. (3)**

Study of the phonetic structure of the English language with requirement of mastery of the International Phonetic Alphabet. Emphasis will be placed on phonetic transcription, and application will be made for students interested in communication disorders, communications, telecommunications, and theater.

**CSD 320 AMERICAN SIGN LANGUAGE II AND THE CULTURE OF THE DEAF COMMUNITY IN THE US. (3)**

An intermediate level course in American Sign Language (ASL), the native language of the Deaf community in America, this course will use an immersion approach to develop skills in conversational ASL and fingerspelling, as well as an appreciation of the grammatical principles of ASL, the historical and cultural background of the language, linguistic and ethical principles related to use of ASL, appropriate use of interpreters, and the role of Deaf culture in society. Prereq: Successful completion of CSD 220 (ASL I) or permission of instructor.

**CSD 378 ANATOMY AND PHYSIOLOGY OF SPEECH. (3)**

A detailed investigation of structures and functions supporting speech production: respiration, phonation, articulation, and resonance. Neural bases of speech and language will also be introduced. Prereq: CSD major or permission of instructor.

**CSD 402 SPEECH AND HEARING SCIENCE. (3)**

Investigation of the physiological and acoustic bases of speech and hearing; the physics of sound and the scientific bases of human speech production. Students will have exposure to instrumentation designed to increase understanding of human communication. Prereq: CODI major or permission of instructor. This course is a Graduation Composition and Communication Requirement (GCCR) course in certain programs, and hence is not likely to be eligible for automatic transfer credit to UK.

**CSD 410 LANGUAGE DEVELOPMENT THROUGH THE LIFESPAN. (3)**

An introduction to the normal development of language in individuals from birth to advanced age. Topics include theories of language acquisition; prelinguistic development; development in each of the language domains (phonology, semantics, morphology and syntax, and pragmatics); the relationships between oral language, written language, and academic progress; and cultural differences. Prereq: CODI major or consent of instructor.

**CSD 420 AMERICAN SIGN LANGUAGE III. (3)**

This course is designed to build receptive and expressive language abilities in American Sign Language (ASL). You will learn to translate and produce narrative language. Instruction includes an advanced level vocabulary, the structure of the language, as well as an expanded exposure to the history and culture of Deaf people. ASL III is taught solely in ASL by an instructor who only uses ASL to communicate. You will not be allowed to use your voice in this class at all. The American Sign Language Teaching Association (ASLTA) recommended curriculum will be followed. Prereq: Successful completion of CSD 320 or permission of the instructor.

---

**CSD                      Communication Sciences and Disorders**

---

**CSD 424 AMERICAN SIGN LANGUAGE IV. (3)**

This course is designed to further develop your intermediate receptive and expressive language ability in American Sign Language (ASL). You will learn to translate and produce narrative language, temporal & distributional inflections, ASL numbers and ASL classifiers. Instruction includes an upper intermediate level vocabulary, the structure of the language, as well as an expanded exposure to ASL literature. ASL IV is taught solely in ASL by a native speaker of ASL to communicate as recommended by American Sign Language Teachers Association (ASLTA). The ASLTA curriculum will be followed. Prereq: Successful completion of CSD 420 or permission of the instructor.

**CSD 481 CLINICAL EXPERIENCE IN COMMUNICATION DISORDERS. (3)**

Supervised observation and shadowing of assessment and intervention to familiarize students with diagnostic and clinical services in communication disorders at various settings such as schools, clinics, long term care, home health, and/or hospitals. Lecture: 1 hour; laboratory: 4 hours per week. Prereq: CSD 402 or consent of instructor; CODI majors only. This course is a Graduation Composition and Communication Requirement (GCCR) course in certain programs, and hence is not likely to be eligible for automatic transfer credit to UK.

**CSD 482 CLINICAL MANAGEMENT OF COMMUNICATION DISORDERS I. (3)**

Introduction to remediation of speech disorders in individuals from birth through adulthood and from culturally and linguistically diverse backgrounds. Emphasis on strategies to deal with disorders in voice, fluency, and articulation. Prereq: CSD 402 or consent of instructor; CODI majors only.

**CSD 483 CLINICAL MANAGEMENT OF COMMUNICATION DISORDERS II. (3)**

Introduction to remediation of language disorders in individuals from birth through adulthood and from culturally and linguistically diverse backgrounds. Emphasis on strategies to deal with disorders in child language, aphasia, and other language-based disorders, including Alzheimer's Disease and dementia. Prereq: CSD 402 or consent of instructor; CODI majors only.

**CSD 484 INTRODUCTION TO DIAGNOSTIC PROCEDURES IN SPEECH-LANGUAGE PATHOLOGY. (3)**

Introduction to the principles, techniques, and tools used to develop and implement a diagnostic protocol. Prereq: CSD 402 or consent of instructor; CODI majors only.

**CSD 491 AUDIOLOGY. (3)**

Introduction to symptomatology and etiologies of hearing impairment and principles of hearing assessment. Topics include: peripheral hearing impairment; central and nonorganic hearing impairment; screening for hearing impairment; hearing conservation; pure tone air and bone conduction threshold testing; basic speech audiometry; masking; audiometric calibration; and acoustic immittance screening. Prereq: CSD 402 or consent of instructor; CODI majors only.

**CSD 500 INTEGRATIVE CARE FOR HEALTH SCIENCES. (1-3)**

Integrative care involves using the best possible treatments from both complementary/alternative and allopathic medicine, based on the patient's individual needs and condition. The selection of health care providers should be based on good science and this course will introduce students to complementary and alternative health care providers and the practices and beliefs of these practices as well as the scientific evidence in support of these practices. The course integrates successes from both worlds and describe the safest, least invasive, most cost-effective approach while incorporating a holistic understanding of the individual. May be repeated to a maximum of 3 credits (1 credit didactic and up to two credits experiential/research). (Same as AT 500, HS 500, CLS 500, CNU 500, PAS 500.)

**CSD 520 INTRODUCTION TO MANUAL COMMUNICATION. (2)**

An introduction to manual communication systems, including American Sign Language and other commonly-used manual sign systems. Includes study of the characteristics and use of existing manual communication systems. Students will learn to code and decode sentences using a combination of signs and fingerspelling. Lecture: one hour; laboratory: two hours per week.

**CSD 571 NEURAL BASES OF SPEECH, LANGUAGE, AND HEARING. (3)**

Detailed investigation of the neuroanatomy and neurophysiology of speech, language, and hearing from a communication sciences perspective. Emphasis on anatomy and physiology of the central nervous system, neurodevelopment, and normal neural substrates involved in speech, language, and hearing. Prereq: CSD 378 or permission of the instructor.

**CSD                      Communication Sciences and Disorders**

**CSD 588 VARIABLE TOPICS IN COMMUNICATION DISORDERS (Subtitle required).                      (1-3)**

In-depth study of a current problem or issue related to the communication disorders profession. May be repeated for a maximum of 6 credits. A title is assigned each time the course is offered. Prereq: Undergraduate or master’s level CODI majors only and consent of the instructor.

**CSD 589 INDEPENDENT STUDY IN COMMUNICATION DISORDERS.                      (1-6)**

Independent study for undergraduate or master’s level graduate students with an interest in a specific problem or issue in communication disorders. May be repeated for a maximum of six credits. Prereq: Undergraduate or master’s level graduate CODI majors only and consent of the instructor.

**CSD 591 AURAL REHABILITATION.                      (3)**

Management strategies for people with hearing loss. Topics include: variables affecting hearing handicap; characteristics, selection, counseling, and orientation in regard to amplification systems; acoustic, perceptual and visual aspects of speech; assessment and management of problems resulting from hearing loss across the lifespan. Prereq: CSD 420 or consent of instructor; undergraduate and graduate CODI majors only. This course is a Graduation Composition and Communication Requirement (GCCR) course in certain programs, and hence is not likely to be eligible for automatic transfer credit to UK.

**CSD 621 ALTERNATIVE AND AUGMENTATIVE COMMUNICATION.                      (3)**

A detailed investigation of the use of augmentative and alternative communication systems with individuals with moderate to severe communication disorders. Participants will examine the full range of augmentative/alternative communication systems and the related assessment and intervention considerations. Prereq: EDS 375 or equivalent or graduate status in CODI or RHB, or consent of instructor.

**CSD 647 LANGUAGE DISORDERS IN DEVELOPMENTALLY YOUNG INDIVIDUALS.                      (3)**

A detailed investigation of language disorders and language intervention in developmentally young populations. Includes an in-depth discussion of prevention strategies, service delivery models, assessment tools and paradigms, and intervention strategies. Provides practice in self-directed inquiry. Prereq: Graduate status in CODI or RHB or consent of instructor.

**CSD 648 LANGUAGE DISORDERS IN SCHOOL-AGE POPULATIONS.                      (3)**

A detailed investigation of language disorders and language intervention in school-age populations. Includes an in-depth discussion of prevention strategies, service delivery models, related cultural diversity issues, and assessment and intervention principles and strategies. Prereq: Graduate status in CODI or RHB or consent of instructor.

**CSD 649 COMMUNICATION, AAC, AND TECHNOLOGY FOR INDIVIDUALS WITH AUTISM SPECTRUM DISORDERS.                      (3)**

This course prepares persons who will be serving individuals with ASD. The focus of the course is on developing communication in this population, exploring augmentative and alternative communication devices, and using technology to teach individuals with ASD. The course will provide information on (a) typical language development, (b) characteristics of persons with autism and their unique communication needs, (c) assessment of communication needs, (d) development of communication goals, (e) development and delivery of effective strategies for teaching communication, and (f) use of technology to teach individuals with ASD. The objectives of this course are designed to provide students with a comprehensive knowledge of the communication characteristics of persons with autism, the state-of-the-art techniques in providing communication services for this population, and research-based strategies utilizing technology in teaching individuals with ASD. This course will be taught jointly by the Department of Special Education & Rehabilitation Counseling and the Department of Communication Sciences and Disorders. Prereq: EDS 601, EDS 661, EDS 662. (Same as EDS 662.)

**CSD 654 CLINICAL ORIENTATION IN COMMUNICATION DISORDERS.                      (3)**

A lecture-laboratory experience designed to orient the student to the professional activities in speech-language pathology. Lecture, one hour; laboratory, four hours per week. Prereq: Graduate status in CODI or consent of instructor.

**CSD 657 CLINICAL PRACTICUM IN SPEECH-LANGUAGE PATHOLOGY.                      (1-3)**

Experience with children and adults in the assessment and management of communication and swallowing disorders. Lecture, one hour; practicum, four hours per week. May be repeated to a maximum of 12 credits. Prereq: Graduate status in CODI, CSD 481 or equivalent, and CSD 654.

---

**CSD                      Communication Sciences and Disorders**

---

- CSD 659 CLINICAL ROTATION IN SPEECH-LANGUAGE PATHOLOGY. (1-12)**  
Supervised clinical experience in the evaluation and management of children and adults. Up to 40 laboratory hours per week (at site all day). May be repeated up to 36 hours. Prereq: Graduate status in CODI, successful completion of 6 hours of graduate clinical practicum and consent of instructor.
- CSD 661 PHONOLOGICAL DEVELOPMENT AND DISORDERS. (3)**  
A comprehensive course in phonological theory, assessment, and treatment. Advanced principles of diagnosis and remediation for patients across the age span and from culturally and linguistically diverse backgrounds. Prereq: Graduate status in CODI or RHB or consent of instructor.
- CSD 670 VOICE DISORDERS. (3)**  
Assessment and management of adults and children with disorders of voice and resonance. Includes laryngectomy. Prereq: Graduate status in CODI or RHB or consent of instructor.
- CSD 674 DISORDERS OF FLUENCY. (3)**  
Analysis, identification and management of fluency disorders. Prereq: Permission of instructor.
- CSD 675 LOW INCIDENCE COMMUNICATION DISORDERS (Subtitle required). (1)**  
Assessment and management of adults and children with low incidence communication disorders including disorders of fluency, craniofacial anomalies and tracheostomy. Topics may vary depending on current trends in the discipline. Prereq: Graduate status in CODI or consent of instructor.
- CSD 677 APHASIA AND RELATED DISORDERS. (3)**  
Identification, appraisal, diagnosis, and clinical management of persons with aphasia and related disorders. Primary emphasis is given to aphasia and apraxia of speech in adults. Prereq: Graduate status in RHB or CODI or consent of instructor.
- CSD 701 RESEARCH METHODS IN COMMUNICATION DISORDERS. (3)**  
Principles and methods for designing research in communication sciences and disorders. Topics include: introduction to the scientific method, research designs, measurement techniques, formulating research questions, writing and evaluating research reports, and ethics of research. Prereq: Graduate standing in Communication Disorders.
- CSD 710 COGNITIVE COMMUNICATION DISORDERS. (3)**  
The class will focus on the neuroanatomy and pathology of traumatic brain injury, right hemisphere disorders, and dementia. Students will learn current theory regarding differential diagnosis and treatment of these disorders. Prereq: CSD 571 or permission of instructor.
- CSD 744 ADULT SWALLOWING AND MOTOR SPEECH DISORDERS. (3)**  
Analysis, identification and management of adult neurogenic disorders of speech and swallowing. Emphasis will be placed on clinical management of adult dysarthria and the concomitant communication and swallowing disorders. Prereq: CSD 571 or permission of instructor.
- CSD 745 PEDIATRIC FEEDING AND MOTOR SPEECH DISORDERS. (3)**  
Analysis, identification and management of pediatric disorders of speech, feeding and swallowing. Emphasis will be placed on clinical management of dysarthria and the concomitant communication, feeding and swallowing disorders. Prereq: CSD 571 or permission of instructor.
- CSD 747 SEMINAR IN LANGUAGE DEVELOPMENT IN CHILDREN. (3)**  
A contemporary overview of processes governing language acquisition and their role in atypical language development. Topics include: theories of language acquisition; roles of perception, cognition, social interaction, and genetics on language acquisition; and influence of atypical situations on language. Prereq: Admission to the Communication Disorders graduate program or the Rehabilitation Sciences Ph.D. program or consent of the instructor.
- CSD 748 MASTER'S THESIS RESEARCH. (0)**  
Half-time to full-time work on thesis. May be repeated to a maximum of six semesters. Prereq: All course work toward the degree must be completed.

---

**CSD                      Communication Sciences and Disorders**

---

**CSD 761 APPLIED PHONOLOGY: DEVELOPMENT AND DISORDERS. (3)**

Critical review and discussion of clinical and developmental phonology research and phonological theories. Study of the bases for normal and disordered phonological development from birth through age twelve. Study of procedures for assessment and treatment of children with phonological disorders including the development of individualized remediation plans for expediting intelligibility gains. Course will include information regarding second language acquisition and oral and written language as these relate to phonological systems. Prereq: Admission to the Communication Disorders graduate program or the Rehabilitation Sciences Ph.D. program or consent of the instructor.

**CSD 768 RESIDENCE CREDIT FOR THE MASTER'S DEGREE. (1-6)**

May be repeated to a maximum of 12 hours.

**CSD 771 DYSPHAGIA. (3)**

This course includes a review of the anatomy and physiology of normal deglutition; the nature and characteristics of swallowing disorders; methods of evaluation and management of dysphagia in adults and children; and consideration of medical conditions such as aspiration pneumonia, tracheostomy, and other complicating factors associated with dysphagia. Also included is a brief review of professional issues relating to efficacy of treatment; third party reimbursement; and roles and responsibilities of other health care professionals in feeding and swallowing. Prereq: Admission to the Communication Disorders graduate program or the Rehabilitation Sciences Ph.D. program or consent of the instructor.

**CSD 775 SEMINAR IN LITERATE LANGUAGE. (3)**

A review and discussion of the literature concerning literate language. Topics include: 1) characteristics of literate language; 2) differences between literate and oral language; 3) emergent literacy; 4) theories of the reading and writing processes; 5) components, development, strategies, and factors involved in typical reading and writing; 6) literate language and speaking; and 7) issues pertaining to atypical readers and writers. Prereq: Admission to the Communication Disorders graduate program or the Rehabilitation Sciences Ph.D. program or consent of the instructor.

**CSD 788 VARIABLE TOPICS IN COMMUNICATION DISORDERS (Subtitle required). (1-3)**

In-depth study of a current problem or issue related to the communication disorders profession. May be repeated for a maximum of nine credits. A title is assigned each time the course is offered. Prereq: Graduate status in RHB or CODI or consent of instructor.

**CSD 789 INDEPENDENT STUDY IN COMMUNICATION DISORDERS. (1-6)**

Independent study for graduate students with an interest in a specific problem in communication disorders. May be repeated to a maximum of 12 credits. Lecture, 1-6 hours; laboratory, 2-12 hours per week. Prereq: Graduate status and consent of instructor.