

# Communication Sciences & Disorders

## College of Health Sciences

The Division of Communication Sciences & Disorders at the University of Kentucky offers a two-year master's degree program in speech-language pathology. The program is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association. Students who complete the program will typically meet the academic and clinical training requirements for the American Speech-Language-Hearing Association's (ASHA) Certificate of Clinical Competence in Speech-Language Pathology and for licensure in Kentucky and in most states with licensure requirements.

The length of a student's program depends upon the certification options selected, the student's educational background, and the number of credits completed each semester. Students with an undergraduate major in communication sciences & disorders will typically complete the program in six semesters of full-time study. Students entering without an undergraduate major in communication sciences & disorders will need eight semesters of course work including prerequisite courses to complete the program. Additional information regarding prerequisite coursework is available from the Director of Graduate Studies.

During the first full year of the graduate program, students typically complete course work and clinical practicum at the UK Communications Disorders Clinic. During the second year, students are assigned to clinical rotations in a variety of settings, including medical or rehab facilities, agencies providing services to children (e.g., public schools, preschools, clinics), and agencies in one of Kentucky's Area Health Education Center (AHECs) regions. Successful completion of a comprehensive examination or thesis is required for all degree candidates.

### Admission Requirements

Students who are admitted to the program typically have at least a 3.0 undergraduate GPA. To be considered for admission, students must also submit Graduate Record Examination scores (verbal, quantitative, and writing). Students with a bachelor's degree in communication disorders begin the program in the second summer semester. Students with bachelor's degree in another field of study begin the program in the fall semester. Admission deadline is January 15 for domestic applicants for concurrent summer or fall start. Deadline for international applicants is March 15 for following year start.

CSD 621	Alternative & Augmentative Communication	(3)
CSD 647	Lang. Disorders in Dev. Young Individuals	(3)
CSD 648	Lang. Disorders in School-Age Populations	(3)
CSD 661	Phonological Development & Disorders	(3)
CSD 670	Voice Disorders	(3)
CSD 674	Disorders of Fluency	(3)
CSD 675	Low Incidence Disorders	(1-3)
CSD 677	Aphasia & Related Disorders	(3)
CSD 701	Research Methods in Communication Sciences & Disorders	(3)
CSD 710	Cognitive Communication Disorders	(3)
CSD 744	Adult Swallowing and Motor Speech Disorders	(3)
CSD 745	Pediatric Swallowing and Motor Speech Disorders	(3)
CSD 748	Master's Thesis Research (Optional)	(0)
CSD 768	Residence Credit for the Master's Degree (Optional)	(6)

To receive the M.S. degree and also fulfill the American-Speech-Language-Hearing Association certification requirements, the student will be required to successfully complete:

- 33 semester hours of didactic coursework in Communication Sciences & Disorders
- 3 semester hours of clinical orientation (CSD 654)
- 2 semester hours of clinical practicum supervised by UK CSD Faculty (CSD 657)
- 1 semester hour of a graduate level elective
- 21-30 semester hours of clinical rotations (CSD 659)
- A thesis option or pass comprehensive examinations

## **Course Descriptions**

### **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 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 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 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.