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Communication Disorders and Sciences

The Bachelor of Science (B.S.) in Communication Disorders and Sciences is offered in the School of Health Sciences.

The program in Communication Disorders and Sciences has as its objective the training of qualified personnel to aid people who have speech, language, or hearing impairment. The undergraduate curriculum is broad in scope and gives the student the necessary preprofessional background for the clinical-research program offered at the master's level. Both the state of Illinois and national certification require the master's degree. Students who complete the graduate program at the master's level and have certification are qualified for positions in public or private clinics, schools, hospitals, or rehabilitation agencies. In addition, the broad scope of the undergraduate program provides a solid foundation for many graduate professional programs in rehabilitation, such as rehabilitation counseling, behavioral analysis and therapy, and rehabilitation administration.

Communication Disorders and Sciences is dedicated to preparing students for leadership roles in the profession. Students are expected to develop programs that will enhance their individual strengths in light of their professional goals. The undergraduate program permits students to develop significant concentration areas outside of the program while laying the foundation for graduate education.

The undergraduate program is designed to provide the student with sufficient information and experience to determine the advisability of pursuing a graduate degree in Communication Disorders and Sciences. Students choosing not to continue in the profession will find themselves well prepared to enter the job market with a broadly based education or to pursue graduate work in allied rehabilitation professions.

All students are encouraged to plan programs of study to meet the academic and practicum requirements for the Certificate of Clinical Competence of the American Speech-Language-Hearing Association, (10801 Rockville Pike, Rockville, MD, 20852) or the Illinois Professional Educator License with School Support Personnel Endorsement for SLPs: Non-Teaching, or both. Programmatic planning at the undergraduate level will facilitate completion of certification requirements of American Speech-Language-Hearing Association and State of Illinois in conjunction with the master's degree program.

B.S. Communication Disorders and Sciences Degree Requirements

Degree Requirements	Credit Hours
University Core Curriculum Requirements	39
To include: MATH 101 or MATH 110; CHEM 106 or PHYS 101; PLB 115 or ZOOL 115; Select from: PHIL 308; HIST 110; ARTH 101, MUS 103 or THEA 101; HIST 101A, HIST 101B, ENGL 121 or ENGL 204; POLS 114; PSYC 102; ANTH 202, SOC 215; KIN 101.	
Major Requirements	52
MATH 282 or QUAN 402	3

Degree Requirements	Credit Hours
PSYC 102, PSYC 211, PSYC 301	10
SOC 108	3
CDS 105, CDS 300, CDS 301, CDS 302, CDS 303, CDS 314, CDS 410, CDS 420, CDS 422, CDS 460, CDS 492, CDS 493	36
Electives	29
Total	120

IL Professional Educator License: Non-Teaching Requirements: EDUC 214, SPED 200, CDS 410

Students interested in the IL PEL: Non-Teaching should contact the academic advisor for Communication Disorders and Sciences in the College of Health and Human Sciences for appropriate University Core Curriculum and licensure coursework.

Communication Disorders and Sciences Courses

CDS105 - Introduction to Communication Disorders A general survey course devoted to a discussion of the various problems considered to be speech and hearing disorders with special emphasis on basic etiological classification schemes and their incidence in the current population. Opportunities for directed observation. Credit Hours: 3

CDS210 - Cultural Diversity Aspects of Communication (University Core Curriculum) Students will explore different cultures and communication within these cultures. Emphasis will be placed on the relationship between cultural differences and communication. Review of communication styles in multicultural populations as well as strategies for use within this diverse group will be provided. Credit Hours: 3

CDS300 - Phonetics Instruction in the use of phonetic symbols to record the speech sounds of midland American English, with emphasis on ear training, and a description of place and manner of production of these sounds. Credit Hours: 3

CDS301 - Introduction to Speech-Language and Hearing Science An introduction to the science of general speech including the history of research in the field and significant experimental trends. Open to all students. Credit Hours: 3

CDS302 - Voice and Articulation A general introduction to the phonological development in children on a normative basis. In addition to introducing the student to the classical studies in articulatory development, this course provides a general exposure to the implications of classical phonetic theory, coarticulatory theory and distinctive features theory as a framework for therapy and research. Physioacoustic parameters of voice quality variables evidenced in verbal communication are also studied. Lectures and demonstrations emphasize basic information necessary to study for the treatment of voice disorders. Course fee for Cognella Textbook and Active Learning modules: \$50. Credit Hours: 3

CDS303 - Language Development Presentation of developmental language components including theoretical considerations and terminology related to traditional structural and transformational grammar. The effects of dialect and English as a second language will be expounded. Language analysis and research are discussed and related to the developmental process. Credit Hours: 3

CDS314 - Anatomy and Physiology of the Speech and Hearing Mechanism Structure and function of the speech and hearing mechanism. Credit Hours: 3

CDS328 - Communication Disorders and Sciences and the Classroom Teacher Basic information on communication disorders through exploring etiology, diagnostic, and treatment of school age children with common speech, language and hearing disorders. This course will also provide information on collaboration, and integration of speech-language programs into the school curriculum. Course fee for Cognella Textbook and Active Learning modules: \$50. Credit Hours: 3

CDS410 - Multicultural Aspects of Communication Disorders Students will explore different cultures and communication within these cultures. Emphasis will be placed on the relationship between cultural differences and communication disorders. Review of speech and language disorders in multicultural populations, as well as assessment and intervention strategies for use with this diverse group will be provided. Prerequisite: CDS 302, 303 or consent of instructor. Credit Hours: 3. Credit Hours: 3

CDS420 - Introduction to Audiological Disorders and Evaluation Bases of professional field of audiology (orientation, anatomy, and physiology of the auditory system), major disease processes influencing hearing and their manifestations, measurement of hearing loss. Prerequisite: CDS 301 and 314. Credit Hours: 3. Credit Hours: 3

CDS422 - Communication Problems of the Hearing Impaired Objectives and techniques for the teaching of lip reading, speech conservation, and auditory training. Prerequisite: CDS 302, 303, and 420 or equivalents. Special approval needed from the instructor. Credit Hours: 3. Credit Hours: 3

CDS450 - Neuroanatomical Basis of Human Communication Examination of the central nervous system (brain and spinal cord) as it relates to normal and disordered human communication. Presentation of basic neuroanatomy, common neuropathologies relevant to communication disorders, and strategies in neurogenic problem solving. Prerequisite: CDS 314 or consent of instructor. Credit Hours: 3. Credit Hours: 3

CDS460 - Augmentative and Alternative Communication Systems An introduction to alternative and augmentative communication systems for non-vocal clients. Discussions include: use of aided and unaided augmentative systems, assessment procedures and training. Prerequisite: CDS 301 or consent of instructor. Credit Hours: 3. Credit Hours: 3

CDS491 - Individual Study Activities involved shall be investigative, creative, or clinical in character. Must be arranged in advance with the instructor, with consent of the chair. Special approval needed from the chair. Credit Hours: 1-9. Credit Hours: 1-9

CDS492 - Diagnostic Procedures in Communication Disorders A course devoted to discussion of the role of the speech and hearing clinician as a differential diagnostician. Special emphasis is placed on correlating information obtained from the oral-peripheral examination, articulation and language evaluation, audiometric and case history information in constructing the initial evaluation report. Special approval needed from the instructor. Credit Hours: 3. Credit Hours: 3

CDS493 - Basic Clinical Practice Current information regarding diagnostic, treatment and documentation procedures in speech-language pathology will be presented through active observation in the clinical environment and classroom instruction. Special approval needed from the instructor. Fee: \$100. Credit Hours: 3. Credit Hours: 3

CDS494 - Beginning Clinical Practicum This course is designed to introduce the student to the clinical practice of speech-language pathology and to facilitate the transition from the classroom to the clinical setting. Students will learn the application of diagnostic information, intervention planning, and the intervention process. Active, supervised participation in the clinical process with emphasis on individualized assessment, treatment, counseling, and documentation procedures. Taken concurrently with CDS 595*. *Third Year standings who apply for accelerated completion and are accepted will be allowed to take 494 without 595. Those students will take 595 first summer along with their graduate cohort. Credit Hours: 1

Communication Disorders and Sciences Faculty

Boyer, Valerie E., Associate Professor, Communication Disorders and Sciences, Ph.D., Southern Illinois University Carbondale, 2006; 2009. Child language and animal-assisted therapy.

Croft, Denise J., Assistant Lecturer, Communication Disorders and Sciences, M.S., Southern Illinois University Carbondale, 2012; 2014. Autism spectrum disorders, clinical supervision and language.

Franca, Maria Claudia, Professor, Communication Disorders and Sciences, Ph.D., Southern Illinois University Carbondale, 2006; 2008. Voice science and multicultural issues related to communication disorders and sciences.

Kidwai, Juhi, Assistant Professor, Communication Disorders and Sciences, Ph.D., University of Kansas, 2016; 2021. Aphasia, Augmentative and Alternative communication, Technological approaches for rehabilitation, Research.

Mings, Jason, Assistant Lecturer, Communication Disorders and Sciences, M.S., Southern Illinois University Carbondale, 1997; 1999. Augmentative and alternative communication, fluency, speech science, anatomy/physiology of the speech and hearing mechanisms.

Nanto, Stephanie, Assistant Lecturer, Communication Disorders and Sciences, M.S., Southern Illinois University Carbondale, 2012; 2015. Language development and disorders, augmentative and alternative communication, dysphagia.

Stroud, Jayma, Assistant Lecturer, Communication Disorders and Sciences, M.S., Southern Illinois University Carbondale, 2012; 2014. Articulation and phonological disorders, clinical education, and fluency.

Tanner, Allison, Assistant Lecturer, Communication Disorders and Sciences, M.S., 2010; 2012. Speech and language disorders with pediatric populations.

Emeriti Faculty

Austin, Gary, Professor, Emeritus, Communication Disorders and Sciences, Ph.D., Northwestern University, 1973; 1984.

Blache, Stephen, Professor, Emeritus, Communication Disorders and Sciences, Ph.D., The Ohio University Athens, 1970; 1971.

Lehr, Richard, P., Jr., Professor, Emeritus, Communication Disorders and Sciences, Ph.D., Baylor University, 1971; 1973.

Muzio, Diane., Professor of Practice, Emerita, Communication Disorders and Sciences, Ph.D., Southern Illinois University, 2017.

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