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Communication Disorders and Sciences

The Bachelor of Science (B.A.) 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 department 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, 20852-3279) 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, Pre-professional Program Degree Requirements

Degree Requirements	Credit Hours
University Core Curriculum Requirements	39
To include: MATH 110 or MATH 101; PHYS 101 or CHEM 106; PLB 115 or ZOOL 115; PHIL 308I; HIST 110; AD 101, HIST 201, MUS 103 or THEA 101; HIST 101A, HIST 101B, PHIL 103A, PHIL 103B; ENGL 121 or ENGL 204; POLS 114; PSYC 102; ANTH 202, HIST 202 or SOC 215; HED 101 or KIN 101.	
Electives	29

Degree Requirements	Credit Hours
Major Requirements	52
QUAN 402 or MATH 282	3
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
Total	120

IL Professional Educator License: Non-Teaching Requirements: EDUC 214, SPED 300, CI 360, CDS 410
 Students interested in the IL PEL: Non-Teaching should contact the academic advisor for Communication Disorders and Sciences in the College of Education and Human Services for appropriate University Core Curriculum and licensure coursework.

Communication Disorders and Sciences Courses

CDS100 - Speech Clinic - Therapy 100-0 to 1 Speech Clinic: Therapy. For students with speech and hearing deviations who need individual help. Special approval needed from the instructor.

CDS104 - Training the Speaking Voice 104-3 Training the Speaking Voice. For those students who desire to improve their voice and articulation.

CDS105 - Intro Communication Disorders 105-3 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.

CDS300 - Phonetics 300-3 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.

CDS301 - Intro Speech-Lang & Hear Sci 301-3 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.

CDS302 - Voice and Articulation 302-3 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.

CDS303 - Language Development 303-3 Language Development. (Same as CI 413) 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.

CDS307 - Introduction to Organics 307-3 Introduction to Organics. An introduction to the organic bases of communication disorders. An emphasis will be placed on the foundations of development and teratological events and influences which result in specific communication disorders, and overview of those disorders, and their implications for the individual. Observations as directed. Prerequisite: CDS 314 or consent of instructor.

CDS310 - Cultural Diversity Comm 310-3 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.

CDS314 - Anat&Physl Speech & Hear Mech 314-3 Anatomy and Physiology of the Speech and Hearing Mechanism. Structure and function of the speech and hearing mechanism.

CDS328 - CDS & Classroom Teacher 328-3 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.

CDS385 - Computer Technology 385-3 Computer Technology in Communication and Fine Arts. An introduction to the basic terminology, concepts and techniques being used in the various areas of education and rehabilitation. A foundation course to prepare students for the impact of computer technology in the professional lives of those who work in the occupational settings represented within the college.

CDS408 - Craniofacial Anomalies 408-3 Communicative Disorders: Craniofacial Anomalies. Development of cleft palate and related anomalies that cause communication disorders. Assessment and intervention of the communication disorders related to these impairments. Prerequisite: Coursework on the normal structure and function of the speech and hearing mechanism.

CDS410 - Multicultural Aspects:CDS 410-3 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.

CDS420 - Intro Audiological Dsrdrs/Eval 420-3 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.

CDS422 - Comm Probs-Hearing Impaired 422-3 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.

CDS450 - Neuroanatomical Basis Hum Comm 450-3 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.

CDS460 - Augmentv/Alterntve Comm Syst 460-3 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.

CDS485 - Special Topics in CDS 485-1 to 9 (1 to 3 per 700 section number) Special Topics in Communication Disorders and Sciences. Topical presentations of current information on special interests of the faculty not otherwise covered in the curriculum. Designed to promote better understanding of recent developments related to disorders of verbal communication. Open to advanced undergraduate and graduate students. Special approval needed from the instructor.

CDS491 - Individual Study 491-1 to 9 (1 to 3 per semester) 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.

CDS492 - Diagnostic Procedures:CDS 492-3 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.

CDS493 - Basic Clinical Practice 493-3 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.

Communication Disorders and Sciences Faculty

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

Connelly, Erin, Assistant Professor of Practice, Communication Disorders and Sciences, MS, University of Northern Colorado, 2001; 2017. Dysphagia, neurogenic disorders, and clinical education.

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

Meadows, Atheana, Assistant Professor of Practice, Communication Disorders and Sciences, MA, The Ohio State University, 1991; 2015. Audiology and (Central) Auditory Processing Disorder.

Martin, Kathryn, Associate Professor of Practice, Communication Disorders and Sciences, MS, Southern Illinois University Carbondale, 1988; 2013. Language.

Muzio, Diane., Professor of Practice, Communication Disorders and Sciences, PhD, Southern Illinois University, 2017. Supervision.

Emeriti Faculty

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

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

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

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Catalog Year Statement:

Students starting their collegiate training during the period of time covered by this catalog (see bottom of this page) are subject to the curricular requirements as specified herein. The requirements herein will extend for a seven calendar-year period from the date of entry for baccalaureate programs and three years for associate programs. Should the University change the course requirements contained herein

subsequently, students are assured that necessary adjustments will be made so that no additional time is required of them.