Communication Sciences and Disorders (CDIS)

Rachel Glade  
Program Director  
262 Epley Center for Health Professions  
479-575-3575  
Email: rglade@uark.edu

Aletha Cook  
Director of Clinical Services  
265 Epley Center for Health Professions  
479-575-2070  
Email: alecook@uark.edu

Communication Sciences and Disorders Website (http://cdis.uark.edu/)

Degrees Conferred:
M.S. in Communication Sciences and Disorders (CDIS)

The Master of Science (M.S.) degree program in communication disorders with an emphasis on speech-language pathology at the University of Arkansas is accredited by the Council on Academic Accreditation (CAA) in Audiology and Speech-Language Pathology of the American Speech-Language-Hearing Association, 2200 Research Boulevard, #310, Rockville, MD 20850, 800-498-2071 or 301-296-5700.

M.S. in Communication Sciences and Disorders

Prerequisites to Degree Program: Applicants to the M.S. degree in communication sciences and disorders with an emphasis in speech-language pathology are expected to have completed prerequisite course work in normal speech, language, and hearing functions, normal development, and speech-language and hearing disorders, as well as biological and physical sciences, behavioral and social sciences, and mathematics. Prospective applicants with undergraduate degrees in other disciplines should contact the Program Adviser for further information. To be considered for admission to graduate study in communication sciences and disorders, applicants must have a minimum overall GPA of 3.00 in undergraduate course work and must submit transcripts of all college-level coursework, a personal statement, and three letters of recommendation from persons competent to judge the applicant’s potential for graduate studies. All applicants must submit scores from the Graduate Record Examination for full consideration. Students are only accepted for Fall admission. The application deadline is February 1 and must be completed using the CSDCAS centralized electronic application process (see the Communication Sciences and Disorders website (http://cdis.uark.edu) for details). Incomplete and/or late applications will not be considered. Admission decisions are based on demonstrated graduate potential as well as best fit for the program.

Requirements for the Master of Science Degree: The M.S. degree program in communication sciences and disorders is designed to ensure that all degree candidates meet the minimum academic and clinical practicum requirements for the Certificate of Clinical Competence in Speech-Language Pathology of the American Speech-Language-Hearing Association (ASHA). The degree program requires a minimum of five academic semesters to complete, including continuous enrollment in the summer session between the first and second years. Thesis and non-thesis options are available. All candidates for the M.S. degree are required to pass a written comprehensive examination.

The program requires 36 hours of graduate-level academic credit and 11 hours of graduate-level clinical credit for the M.S. in Communication Sciences and Disorders. Required courses, clinical courses, and electives are listed below.

<table>
<thead>
<tr>
<th>Required Core Courses (30 hours)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CDIS 5103 Research Methodology in Communication Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CDIS 5121L Feeding and Swallowing Disorders Lab</td>
<td>1</td>
</tr>
<tr>
<td>CDIS 5122 Feeding and Swallowing Disorders</td>
<td>2</td>
</tr>
<tr>
<td>CDIS 5213 Voice and Resonance Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CDIS 5223 Fluency Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CDIS 5233 Speech Sound Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CDIS 5243 Language Disorders in Adults</td>
<td>3</td>
</tr>
<tr>
<td>CDIS 5253 Motor Speech Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CDIS 5273 Language, Learning and Literacy</td>
<td>3</td>
</tr>
<tr>
<td>CDIS 5293 Augmentative and Alternative Communication</td>
<td>3</td>
</tr>
<tr>
<td>CDIS 5511 Professional Issues I</td>
<td>1</td>
</tr>
<tr>
<td>CDIS 5521 Professional Issues II</td>
<td>1</td>
</tr>
<tr>
<td>CDIS 5531 Professional Issues III</td>
<td>1</td>
</tr>
</tbody>
</table>

Clinical Courses (11 hours)

| CDIS 5181 Advanced Clinical Practicum I | 1 |
| CDIS 5281 Advanced Clinical Practicum II | 1 |
| CDIS 5381 Advanced Clinical Practicum III | 1 |
| CDIS 5391 Clinical Practicum: Hearing Disorders | 1 |
| CDIS 548V Off-Campus Practicum: Public School Site | 1-6 |
| CDIS 568V Off-Campus Practicum: Clinical Site | 1-6 |
| CDIS 578V Internship: Public School Site | 3-6 |

CDIS Graduate-Level Electives 6

Total Hours 47

Students should also be aware of Graduate School requirements with regard to master’s degrees (http://catalog.uark.edu/graduatescatalog/degreerequirements/#mastersDegreeText).

Graduate Faculty

Bowers, Lisa Marie, Ph.D. (University of Tennessee Health Science Center), M.A., B.A. (Louisiana State University), Associate Professor, Department of Rehabilitation, Human Resource and Communication Disorders, 2012.

Bowers, Andrew L., Ph.D. (University of Tennessee Health Science Center), M.A., B.A. (University of Tennessee), Associate Professor, Department of Rehabilitation, Human Resource and Communication Disorders, 2012.

Cook, Aletha, M.S., B.A. (University of Arkansas), Clinical Instructor, Department of Rehabilitation, Human Resource and Communication Disorders, 2015.

Frazier, Kimberly Frances, Ph.D. (University of South Carolina–Columbia), M.S., B.S.E. (University of Arkansas), Associate Professor, Department of Rehabilitation, Human Resource and Communication Disorders, 2007.

Gilbertson, Margie, Ph.D. (University of Memphis), M.S.E., B.A. (University of Central Arkansas), Clinical Instructor, Department of Rehabilitation, Human Resource and Communication Disorders, 2016.
Education and Communication Disorders, 2002.

**Courses**

**CDIS 5103. Research Methodology in Communication Disorders. 3 Hours.**
An examination of methods of research in speech-language pathology and audiology and of the use of bibliographic tools. Focuses on purposes and problems of various forms of communication disorders research, procedures and instruments employed, and reporting of research. Prerequisite: Graduate standing. (Typically offered: Fall)

**CDIS 5113. Seminar in Early Intervention. 3 Hours.**
Study of a family-centered, transdisciplinary approach to early intervention with infants and toddlers at-risk for communication disorders. Topics include early communication development, service delivery in a family context, coordination with other disciplines, legislation mandating services, and providing services to children with multiple disabilities. Prerequisite: CDIS 3223 or equivalent, and graduate standing. (Typically offered: Spring)

**CDIS 5121L. Feeding and Swallowing Disorders Lab. 1 Hour.**
Observation and interpretation of techniques used for assessment and remediation of feeding and swallowing disorders in children and adults. Corequisite: CDIS 5122. Prerequisite: CDIS 3213 and graduate standing. (Typically offered: Fall)

**CDIS 5122. Feeding and Swallowing Disorders. 2 Hours.**
Study of the etiology, assessment, and remediation of feeding and swallowing disorders in children and adults. Prerequisite: CDIS 3213 or equivalent, and graduate standing. (Typically offered: Fall)

**CDIS 5143. Cognitive-Communication Development and Disorders. 3 Hours.**
Study of normal cognitive development, the role of communication in this development, and shifts that may occur in conjunction with various speech, language and/or hearing disorders. Prerequisite: CDIS 3223. (Typically offered: Fall)

**CDIS 5153. TBI and Right-Hemisphere Disorders. 3 Hours.**
Study of the speech and language disorders commonly resulting from traumatic brain injury and right hemisphere disorders. Prerequisite: CDIS 4253 or equivalent, and graduate standing. (Typically offered: Spring)

**CDIS 5163. Seminar in Language Topics. 3 Hours.**
Study of selected topics in normal and disordered language acquisition and/or language use. Implications of current research are reviewed and applied to evaluation and management of language impairment(s). Prerequisite: Graduate standing. (Typically offered: Irregular)

**CDIS 5173. Sign Language and Deafness. 3 Hours.**
(Formerly CDIS 4103.) An introduction to American Sign Language (ASL) and the Deaf Community that uses it. This class will study expressive and sign language skills using ASL vocabulary, structure and grammar. The Deaf Community will be studied through videotapes and readings. Issues in Deaf Education will also be introduced. Graduate degree credit will not be given for both CDIS 4103 and CDIS 5173. (Typically offered: Fall, Spring and Summer)

**CDIS 5181. Advanced Clinical Practicum I. 1 Hour.**
Practicum activities in speech-language assessment and intervention. Prerequisite: Graduate standing. (Typically offered: Fall)

**CDIS 5193. Seminar in Problems of Oral Communication. 3 Hours.**
Investigation of research in selected problems of oral communication; recent developments in speech-language pathology and audiology; individual problems for investigation. Prerequisite: Graduate standing. (Typically offered: Fall, Spring and Summer)

**CDIS 5203. Introduction to Auditory Rehabilitation. 3 Hours.**
(Formerly CDIS 4133.) Study of the techniques used in the rehabilitation of speech and language problems of the hearing impaired including the role of amplification, auditory training, and speech reading in rehabilitation. Graduate degree credit will not be given for both CDIS 4133 and CDIS 5203. Prerequisite: CDIS 3103. (Typically offered: Spring)

**CDIS 5213. Voice and Resonance Disorders. 3 Hours.**
Study of disorders of phonation and resonance, including etiologies, diagnosis, and intervention strategies. Prerequisite: Graduate standing. (Typically offered: Fall)

**CDIS 5223. Fluency Disorders. 3 Hours.**
An examination of fluency disorders including theory, etiological factors, and development. In addition, the course is designed to address assessment and management of fluency disorders consistent with evidence-based practice for prospective speech-language pathologists. Prerequisite: Graduate standing. (Typically offered: Fall)

**CDIS 5233. Speech Sound Disorders. 3 Hours.**
Assessment and treatment of disorders in speech articulation. Prerequisite: Graduate standing. (Typically offered: Summer)

**CDIS 5243. Language Disorders in Adults. 3 Hours.**
Cognitive and communicative breakdown due to neurological trauma, including etiology, characteristics, assessment and treatment for aphasia, traumatic brain injury, and right hemisphere disorders. Prerequisite: Graduate standing. (Typically offered: Spring)

**CDIS 5253. Motor Speech Disorders. 3 Hours.**
Study of motor speech production disorders related to damage to central or peripheral nervous system motor centers and pathways. Cerebral palsy, adult dysarthria, apraxia, and dysphagia are emphasized. Both theoretical and treatment considerations are addressed. Prerequisite: CDIS 4253 or equivalent, and graduate standing. (Typically offered: Spring)

**CDIS 5263. Advanced Audiology. 3 Hours.**
(Formerly CDIS 4263.) Study of the basic techniques used in audiological assessment of children and adults, including pure tone audiometry, speech audiometry, and special tests of hearing function. Graduate degree credit will not be given for both CDIS 4263 and CDIS 5263. Prerequisite: CDIS 3103. (Typically offered: Fall)

**CDIS 5273. Language, Learning and Literacy. 3 Hours.**
An examination of language-based literacy skills, including considerations of development, disorders, assessment and intervention. (Typically offered: Summer)

**CDIS 5281. Advanced Clinical Practicum II. 1 Hour.**
Practicum activities in speech-language assessment and intervention. Prerequisite: Graduate standing and CDIS 5181. (Typically offered: Spring)

**CDIS 5293. Augmentative and Alternative Communication. 3 Hours.**
Approaches to communication management with the severely and profoundly handicapped child or adult, with primary emphasis on augmentative and alternative communication assessment and intervention. Prerequisite: Graduate standing. (Typically offered: Fall)
CDIS 5303. Clinical Assessment of Speech and Language Disorders. 3 Hours. (Formerly CDIS 4183.) Study of the basic diagnostic procedures used in speech-language pathology. Emphasis is placed on the clinical processes of assessment, including criteria for test selection, techniques in test administration, and interpretation of test. Graduate degree credit will not be given for both CDIS 4183 and CDIS 5303. Pre- or Corequisite: Prior coursework in CDIS and ANTH 1023. (Typically offered: Spring)

CDIS 5313. Introduction to Speech and Hearing Science. 3 Hours. (Formerly CDIS 4213.) Study of the acoustic structure of oral speech and the auditory skills underlying speech perception. Graduate degree credit will not be given for both CDIS 4213 and CDIS 5313. Prerequisite: CDIS 3203, CDIS 3213, CDIS 3124 and its lab component. Pre- or Corequisite: MATH 1203 or higher. (Typically offered: Spring)

CDIS 5323. Language Disorders in Children. 3 Hours. (Formerly CDIS 4223.) Study of disorders of language acquisition and usage in children and adolescents, with emphasis upon the nature, assessment, and treatment of such disorders. Graduate degree credit will not be given for both CDIS 4223 and CDIS 5323. Prerequisite: CDIS 3223. (Typically offered: Spring)

CDIS 5353. Neurological Bases of Communication. 3 Hours. (Formerly CDIS 4253.) A study of the structures and functions of the central and peripheral nervous systems as they relate to human speech, language, and cognition. Graduate degree credit will not be given for both CDIS 4253 and CDIS 5353. Prerequisite: CDIS 3213. (Typically offered: Fall)

CDIS 5373. Communication Behavior and Aging. 3 Hours. (Formerly CDIS 4273.) Study of the effects upon communication of normal aspects of the aging process, from early adulthood throughout the lifespan. Changes in speech, language, and hearing functioning are identified; common alterations in communicative disorders commonly associated with advanced age are discussed. Graduate degree credit will not be given for both CDIS 4273 and CDIS 5373. (Typically offered: Fall)

CDIS 5381. Advanced Clinical Practicum III. 1 Hour. Practicum activities in speech-language assessment and intervention. Prerequisite: Graduate standing and CDIS 5281. (Typically offered: Summer)

CDIS 5391. Clinical Practicum: Hearing Disorders. 1 Hour. Practicum in audiology. (Typically offered: Fall, Spring and Summer)

CDIS 548V. Off-Campus Practicum: Public School Site. 1-6 Hour. Practicum activities in speech-language disorders in a public school setting. Prerequisite: Graduate standing. (Typically offered: Fall and Spring)

CDIS 5511. Professional Issues I. 1 Hour. Discussion of pertinent topics and issues in the discipline of communication sciences and disorders. Prerequisite: Graduate standing in communication disorders. (Typically offered: Fall)

CDIS 5521. Professional Issues II. 1 Hour. Discussion of pertinent topics and issues in the discipline of communication sciences and disorders. Prerequisite: Graduate standing in communication disorders. (Typically offered: Spring)

CDIS 5531. Professional Issues III. 1 Hour. Discussion of pertinent topics and issues in the discipline of communication sciences and disorders. Prerequisite: Graduate standing in communication disorders. (Typically offered: Fall)

CDIS 558V. Off-Campus Practicum: Clinical Site. 1-6 Hour. Practicum activities in speech-language disorders in an off-campus clinical site. Prerequisite: Graduate standing and completion of at least 2 semesters of CDIS 5281. (Typically offered: Fall, Spring and Summer)

CDIS 578V. Internship: Public School Site. 3-6 Hour. Field placement in approved public school setting for clock hours in speech-language pathology assessment and treatment. Students in the Master's program must enroll in a minimum of 3 credit hours of CDIS 578V or CDIS 578V during their last semester of graduate studies. Prerequisite: Graduate standing; Completion of one semester of either CDIS 548V or CDIS 568V. (Typically offered: Fall, Spring and Summer) May be repeated for up to 6 hours of degree credit.

CDIS 5813. Advanced Auditory (Re)Habilitation. 3 Hours. This course provides students with an in-depth knowledge of hearing anatomy and physiology as well as current hearing and hearing assistive technologies. The development of auditory skills across the lifespan will be discussed as well as intervention techniques to facilitate auditory, speech, and spoken language skills across the lifespan. Prerequisite: Graduate standing. (Typically offered: Fall)

CDIS 5823. Language Learning with Multiple Disabilities. 3 Hours. Approaches to services (assessment and intervention) for individuals who, as a result of multiple disabilities, are in the beginning stages of language development including the preintentional and presymbolic stages. Prerequisite: Graduate standing. (Typically offered: Fall)

CDIS 5843. Communication and Swallowing in Dementia. 3 Hours. This course provides an in-depth examination of the communication and feeding/swallowing factors demonstrated by patients with dementia. Etiologies, symptoms, progression, evaluation, and appropriate interventions for the most common forms of dementia are addressed. Prerequisite: Graduate standing. (Typically offered: Summer)

CDIS 5883. Policies & Procedures in Educational Speech-Language Pathology. 3 Hours. Educational Speech Pathology is designed to familiarize the student the factors related to functioning as an SLP in an educational setting, including state and federal regulations/standards, service delivery considerations, eligibility criteria, and documentation. Prerequisite: Graduate Standing. (Typically offered: Summer)

CDIS 590V. Special Problems. 1-6 Hour. Special problems. Prerequisite: Graduate standing. (Typically offered: Fall, Spring and Summer) May be repeated for up to 6 hours of degree credit.

CDIS 599V. Seminar in Professional Issues. 1-3 Hour. Selected topics in professional issues in speech-language pathology and audiology. (Typically offered: Fall and Spring)

CDIS 600V. Master's Thesis. 1-6 Hour. Master's Thesis. Prerequisite: Graduate standing. (Typically offered: Fall, Spring and Summer) May be repeated for degree credit.

CDIS 699V. Seminar in Communication Sciences and Disorders. 1-6 Hour. Discussion of pertinent topics and issues in the discipline of communication sciences and disorders. Prerequisite: Advanced graduate standing. (Typically offered: Irregular) May be repeated for up to 18 hours of degree credit.