Communication Sciences and Disorders (CDIS)

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Epley Center for Health Professions
606 N. Razorback Road
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An undergraduate major in communication sciences and disorders leads to the B.S. degree and prepares students for graduate studies (master's level) in speech-language pathology and/or the professional doctorate in audiology. The minimum requirements for all students in the college are listed under general studies (http://catalog.uark.edu/undergraduatecatalog/collegesandschools/collegeofeducationandhealthprofessions/).

Admission to the B.S. Major Degree Program in Communication Sciences and Disorders is competitive and consists of a three-stage process. Students must apply for formal admission and be accepted to the undergraduate B.S.E. degree program in Communication Sciences and Disorders prior to taking junior- and senior-level classes in the major.

Stage I: Pre-Communication Sciences and Disorders (PCDIS)
All students declaring a major in communication sciences and disorders are accepted as tentative candidates to the undergraduate program and assigned the pre-communication code - PCDIS.

The PCDIS program includes:
1. Complete all program pre-requisites courses.
2. Obtain a minimum cumulative grade-point average of 3.0 on all college level coursework.
3. Complete the following courses with a "C" or better: ENGL 1013 and ENGL 1023, MATH 1203 or equivalent, and COMM 1313.
4. Obtain passing scores on the Core Academic Skills for Educator: Math, Reading, and Writing sections of the Praxis Core Exam.

Students who do not meet admission criteria for the B.S. degree program in communication sciences and disorders in any given year may reapply in subsequent years.

Stage II: Admission to the Communication Sciences and Disorders Program (CDIS)
Admission to the Communication Sciences and Disorders Program is competitive and occurs after completion of all Pre-Communication Sciences and Disorders requirements and prior to the beginning of the fall semester of the junior year.

Applications to the Communication Sciences and Disorders (CDIS) program must be submitted by January 30th.

The application process includes:
2. Submission of transcripts for all coursework.
3. Submission of passing score on Math, Reading, and Writing sections of Praxis Core Exam.
4. Satisfactory completion of an admission interview with designated faculty.

As a result of the competitive process, not all applicants meeting the minimum requirements will be admitted to the program.

Stage III: Requirements for Program Continuation and Completion
1. Maintain a minimum cumulative GPA of 3.0.
2. In order to enroll in CDIS 4001 Clinical Practicum: Undergraduate, students must have an overall GPA of 3.0 in the following courses: CDIS 2253, CDIS 3124, CDIS 3213, CDIS 3223, CDIS 3203, CDIS 4223, and a “B” in CDIS 3233. Clinical Practice is an elective for undergraduates and is taken for course credit hours, not a grade.
3. Meet all university requirements for graduation.

Requirements for Communication Sciences and Disorders (CDIS)

University Core (State Minimum Core) 35

Of which Communication Sciences and Disorders requires the following specific courses:

- BIOL 1543 & BIOL 1541L Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) and Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)
- PSYC 2003 General Psychology (ACTS Equivalency = PSYC 1103)
- ANTH 1023 Introduction to Cultural Anthropology (ACTS Equivalency = ANTH 2013)

Select one of the following:

- PHYS 1023 & PHYS 1021L Physics and Human Affairs and Physics and Human Affairs Laboratory
- PHYS 2013 & PHYS 2011L College Physics I (ACTS Equivalency = PHYS 2014 Lecture) and College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)
- CHEM 1073 & CHEM 1071L Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) and Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab)

Program specific course requirements for Communication Sciences and Disorders - 9 hours total

Select one of the following:

- ENGL 2003 Advanced Composition
- ENGL 2013 Essay Writing
- ENGL 3053 Technical and Report Writing (ACTS Equivalency = ENGL 2023)
- CDIS 498VH Honors Communication Disorders Thesis/Project
**Communication Sciences and Disorders B.S. Eight-Semester Plan**

All CDIS students are accepted as tentative candidates and thus not eligible for the eight-semester degree plan. Students must apply for formal admission to the undergraduate B.S. degree program in CDIS prior to taking junior- and senior-level classes in the major. However, students who qualify to finish a degree in four years can follow the suggested order of classes below.

### First Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Fall</th>
<th>Units</th>
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<tbody>
<tr>
<td>ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013)</td>
<td>3</td>
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<tr>
<td>MATH 1203 College Algebra (ACTS Equivalency = MATH 1103)</td>
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<tr>
<td>BIOL 1543 Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) &amp; BIOL 1541L Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)</td>
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<tr>
<td>U.S. History/Government</td>
<td>3</td>
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<tr>
<td>Elective</td>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023)</td>
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<tr>
<td>Fine Arts or Humanities¹</td>
<td>3</td>
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<tr>
<td>COMM 1313 Public Speaking (ACTS Equivalency = SPCH 1003)</td>
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| Electives | 6 | |
| Year Total: | 16 | 15 |

### Second Year

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<thead>
<tr>
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<tbody>
<tr>
<td>ANTH 1023 Introduction to Cultural Anthropology (ACTS Equivalency = ANTH 2013)²</td>
<td>3</td>
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<tr>
<td>CDIS 2253 Introduction to Communicative Disorders</td>
<td>3</td>
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<tr>
<td>PSYC 2003 General Psychology (ACTS Equivalency = PSYC 1103)²</td>
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Choose one science/lab from the following:

- PHYS 1023 Physics and Human Affairs Laboratory
- PHYS 1021L Physics and Human Affairs Laboratory
- CHEM 1073 Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) & CHEM 1071L Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab)
- PHYS 2013 College Physics I (ACTS Equivalency = PHYS 2014 Lecture) & PHYS 2011L College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)

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<tr>
<td>Elective</td>
<td>3</td>
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<tr>
<td>STAT 2303 Principles of Statistics (ACTS Equivalency = MATH 2103)</td>
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<tr>
<td>Social Science ¹</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Fine Arts/Humanities¹</td>
<td>3</td>
<td></td>
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<tr>
<td>Electives</td>
<td>6</td>
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| Year Total: | 16 | 15 |

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<tr>
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<tbody>
<tr>
<td>CDIS 3103 Introduction to Audiology</td>
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<tr>
<td>CDIS 4223 Language Disorders in Children</td>
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<tr>
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<tr>
<td>CDIS 4253 Normal Phonology and Articulatory Process</td>
<td>3</td>
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<tr>
<td>CDIS 3253 Cultural Diversity in Communication Disorders</td>
<td>3</td>
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<tr>
<td>CDIS 3203 Articulation Disorders</td>
<td>3</td>
<td></td>
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<tr>
<td>CDIS 3233 Introduction to Clinical Practice</td>
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<td></td>
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<tr>
<td>CDIS 4223 Language Disorders in Children</td>
<td>3</td>
<td></td>
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<tr>
<td>CDIS 3123 Anatomy of Physiology of the Speech and Hearing Mechanisms</td>
<td>3</td>
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<tr>
<td>ENGL 2003 Advanced Composition or ENGL 2013 Essay Writing or ENGL 3053 Technical and Report Writing (ACTS Equivalency = ENGL 2023) or CDIS 498VH Honors Communication Disorders Thesis/Project</td>
<td>3</td>
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| Elective                                    | 3    |       |
| Year Total:                                 | 13   | 15    |

### Fourth Year

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<tr>
<td>CDIS 3103 Introduction to Audiology</td>
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<td></td>
</tr>
<tr>
<td>CDIS 4253 Normal Phonology and Articulatory Process</td>
<td>3</td>
<td></td>
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<tr>
<td>CDIS 4273 Communication Behavior and Aging</td>
<td>3</td>
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| Year Total: | 3 | 3 |
Electives (Recommend: CDIS 4001 Clinical Practicum: Undergraduate)  6
CDIS 4133 Introduction to Aural Rehabilitation  3
CDIS 4213 Introduction to Speech and Hearing Science  3
CDIS 4183 Clinical Assessment of Speech and Language Disorders  3
Electives  6
Year Total:  15

Total Units in Sequence: 120

1 Must meet University Core requirements (http://catalog.uark.edu/undergraduatecatalog/academicregulations/universitycore/).
2 Required Social Science Core for CDIS majors.
3 CDIS 498VH: Option only for students successfully completing Honors Program.

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.
Glade, Rachel E., Ph.D. (University of Arkansas), M.S. (University of Arkansas for Medical Sciences), M.A. (University of Arkansas), B.S. (University of Arkansas at Little Rock), Assistant Professor, Department of Rehabilitation, Human Resource and Communication Disorders, 2015.
Hagstrom, Fran W., Ph.D. (Clark University), M.S. (University of Texas Health Science Center-Houston), M.A. (St. Louis University), B.A. (Southwest Baptist University), Associate Professor, Department of Rehabilitation, Human Resource and Communication Disorders, 2002.
HolfIELD, Christine, Ph.D. (Pennsylvania State University), M.A. (University of Kansas), B.S. (Central Michigan University), Assistant Professor, Department of Rehabilitation, Human Resource and Communication Disorders, 2017.
Perry, Kim, M.S. (University of Arkansas), Instructor, Department of Rehabilitation, Human Resource and Communication Disorders, 2007.

Courses
CDIS 2233. Introduction to Communication Disorders. 3 Hours.
An introductory course which surveys the professional interests of speech-language pathology and audiology with specific attention to the general recognition and classification of disorders of speech, language, and hearing, and general trends in rehabilitation. Consideration given to the classroom teacher’s involvement in communication disorders. (Typically offered: Fall and Spring)

CDIS 2901H. Honors Introduction to Research in Communication Sciences and Disorders. 1 Hour.
This course introduces students to the research process in the field of communication sciences and disorders. Prerequisite: Acceptance into the COEHP Honors Program and instructor consent. (Typically offered: Spring) May be repeated for up to 2 hours of degree credit.
CDIS 3103. Introduction to Audiology. 3 Hours.
Introduction to the basic concepts for administering and interpreting hearing tests, including the anatomy and physiology of the auditory system, disorders of the ear, and techniques for administering and interpreting basic pure tone threshold tests. Prerequisite or Corequisite: PHYS 1023 and PHYS 1021L. PHYS 2011L and CHEM 1073 and CHEM 1071L. (Typically offered: Fall)
CDIS 3124. Normal Phonology and Articulatory Process. 4 Hours.
Analysis of the English speech sounds as a basis for speech improvement; physiological positions and movements; acoustic qualities and transcription in the international phonetic alphabet. Corequisite: Lab component. Prerequisite: CDISBS major or departmental consent. (Typically offered: Fall)
CDIS 3203. Articulation Disorders. 3 Hours.
A study of the definition, etiology, pathology, and treatment procedures of problems of articulation. Prerequisite: CDIS 3124, CDIS 3213 and CDISBS major or departmental consent. (Typically offered: Spring)
CDIS 3213. Anatomy of Physiology of the Speech and Hearing Mechanisms. 3 Hours.
Structure and function of the organic mechanisms responsible for speech, language, and audition. Pre or Corequisite: BIOL 1543 and BIOL 1541L or higher. Prerequisite: CDISBS major or departmental consent. (Typically offered: Fall)
CDIS 3223. Language Development in Children. 3 Hours.
Study of typical development of speech and language functions for communicative purposes in children from infancy to early school-age years, including the major components of language as well as the social, cognitive, biological and cultural factors related to language acquisition. Pre- or Corequisite: PSYC 2003. Prerequisite: CDISBS major or departmental consent. (Typically offered: Fall)
CDIS 3223H. Honors Language Development in Children. 3 Hours.
Study of typical development of speech and language functions for communicative purposes in children from infancy to early school-age years, including the major components of language as well as the social, cognitive, biological, and cultural factors related to language acquisition. Pre- or Corequisite: PSYC 2003. Prerequisite: Honors candidacy and CDISBS major or departmental consent. (Typically offered: Fall)
This course is equivalent to CDIS 3223.
CDIS 3233. Introduction to Clinical Practice. 3 Hours.
An introduction to the various aspects of clinical operations including technical and interpersonal relationship skills necessary for case management and a survey of professional standards. Pre- or Corequisite: COMM 1313. Prerequisite: CDISBS major or departmental consent. (Typically offered: Spring)
CDIS 3253. Cultural Diversity in Communication Disorders. 3 Hours.
An introduction to various cultures, customs, and professional standards in health-related fields that helps to develop intercultural communication skills necessary to manage the increasingly diverse caseloads of health-related professionals. Pre- or Corequisite: COMM 1313. Prerequisite: CDISBS major or departmental consent. (Typically offered: Fall)
CDIS 3901H. Honors Communication Disorders Thesis Tutorial. 1 Hour.
Designed to provide the foundation for the Honors Thesis/Project. Students and faculty tutors work “one-on-one” exploring a specific topic which has been agreed upon by the student and the professor. Prerequisite: Honors candidacy and CDISBS major. (Typically offered: Fall, Spring and Summer)
### CDIS 3923H. Honors Colloquium. 3 Hours.
Treats a special topic or issue, offered as part of the honors program. Prerequisite: Honors candidacy (not restricted to candidacy in speech or dramatic art). (Typically offered: Irregular) May be repeated for degree credit.

### CDIS 399VH. Honors Course. 1-6 Hour.
Honors course. Prerequisite: Junior standing. (Typically offered: Irregular) May be repeated for up to 12 hours of degree credit.

### CDIS 4001. Clinical Practicum Undergrad. 1 Hour.
Enter-level training in speech-language clinical practicum activities. This course is taken for satisfactory or unsatisfactory credit. Prerequisite: CDIS 3124 and CDIS 3203 and CDIS 3223 and CDIS 3233 plus satisfactory completion of specific program requirements for admission to clinical practice. (Typically offered: Fall and Spring)

### CDIS 4103. Sign Language and Deafness. 3 Hours.
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. (Typically offered: Fall, Spring and Summer)

### CDIS 4133. Introduction to Aural Rehabilitation. 3 Hours.
Study of the technique 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. Prerequisite: CDIS 3103. (Typically offered: Spring)

### CDIS 4183. Clinical Assessment of Speech and Language Disorders. 3 Hours.
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. Pre- or Corequisite: Prior coursework in CDIS and ANTH 1023. Prerequisite: CDISBS major or departmental consent. (Typically offered: Spring)

### CDIS 4213. Introduction to Speech and Hearing Science. 3 Hours.
Study of the acoustic structure of oral speech and the auditory skills underlying speech perception. Prerequisite: CDIS 3203, CDIS 3213, CDIS 3124 and its lab component and CDISBS major or departmental consent. Pre- or Corequisite: MATH 1203 or higher. (Typically offered: Spring)

### CDIS 4223. Language Disorders in Children. 3 Hours.
Study of disorders of language acquisition and usage in children and adolescents, with emphasis upon the nature, assessment, and treatment of such disorders. Prerequisite: CDIS 3223 and CDISBS major or departmental consent. (Typically offered: Spring)

### CDIS 4253. Neurological Bases of Communication. 3 Hours.
A study of the structures and functions of the central and peripheral nervous systems as they relate to human speech, language, and cognition. Prerequisite: CDIS 3213 and CDISBS major or departmental consent. (Typically offered: Fall)

### CDIS 4263. Advanced Audiology. 3 Hours.
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. Prerequisite: CDIS 3103. (Typically offered: Fall)

### CDIS 4273. Communication Behavior and Aging. 3 Hours.
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. Prerequisite: CDISBS major or departmental consent. (Typically offered: Fall)

### CDIS 490V. Special Problems. 1-3 Hour.
Special problems. Prerequisite: Advanced standing. (Typically offered: Fall, Spring and Summer) May be repeated for up to 3 hours of degree credit.

### CDIS 496VH. Honors Communication Disorders Thesis/Project. 1-3 Hour.
Designed to provide facilitation of the Honors Thesis/Project. Students and faculty work "one-on-one" to complete the honors thesis/project. Prerequisite: Honors candidacy, CDISBS major, and CDIS 3901H. (Typically offered: Fall, Spring and Summer) May be repeated for up to 3 hours of degree credit.