

## COMMUNICATION SCIENCES AND DISORDERS BA, BS AND MINOR

### Communication Sciences and Disorders

College of Allied Health & Nursing  
Department of Speech, Hearing and Rehabilitation Services  
314 Clinical Sciences Building • 507-389-1414  
Website: <http://ahn.mnsu.edu/cd/>

Chair: Megan Mahowald, Ph.D.

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The Communication Disorders Program provides curriculum for a major in communication disorders, pre-professional preparation in speech-language pathology or audiology, and supportive coursework for majors from other departments with interests in human communication or its disorders.

The beginning courses concern the normal aspects of speech, language and hearing—its nature and development, as well as introducing the student to the disorders of speech, language, and hearing. Advanced courses are devoted to specific disorders in terms of their nature and treatment. The undergraduate training culminates with supervised practicum experiences in which the student works with people who have communication disorders.

The **minor** in Communication Disorders (16 credits) is designed to acquaint students with the nature of impaired human communication. One minor core course, one minor capstone, and 12 credits of minor specialization are required. There is considerable flexibility in the “specialization” portion of the program. Therefore, students are required to meet with a Communication Disorders advisor to identify classes that are appropriate to their plan of study.

#### Academic Map/Degree Plan at [www.mnsu.edu/programs/#All](http://www.mnsu.edu/programs/#All)

#### POLICIES/INFORMATION

Students completing course requirements under previous catalogs are advised to consult the department chairperson for appropriate course substitutions.

The minimum level of professional preparation in communication sciences and disorders requires the master's degree. The department does not recommend bachelor degree graduates for professional employment in the field.

**Admission to Major** is granted by the department upon completion of the courses of CDIS 312, CDIS 322, CDIS 392, and CDIS 394, with a 3.0 grade point average. Students should seek admission to the program during their sophomore year or fall semester of their junior year and should work with an advisor in the department to plan a course of study. Permission to enroll in 400 level courses requires a 3.0 average in the following courses: CDIS 312, CDIS 322, CDIS 392, CDIS 394. In addition to the grade point requirement of 3.0, students may earn a final grade of “C” in no more than one course among the four. Any courses with a final grade of “C” or lower must be repeated and a grade of “B” or better must be earned to fulfill requirements for the Communication Sciences and Disorders major.

Students planning to major in an area of study in the College of Allied Health and Nursing have an advisor assigned to them. Questions and concerns pertaining to advising and the assignment of advisors can be answered by the student relations coordinator. Contact the Dean's office for contact information.

**GPA Policy.** A minimum GPA of 3.0 is required to enroll in practicum (CDIS 495).

Refer to the College regarding required advising for students on academic probation.

**P/N Grading Policy.** All courses must be taken for letter grades by majors except those offered on a P/N only basis.

#### COMMUNICATION SCIENCES AND DISORDERS BA

Degree completion = 120 credits

#### General Education Courses

Students must take a total of 12 credits with at least one course in each of the following areas: Statistics, Biology, Physical Sciences (physics or chemistry), and Social/Behavioral Sciences.

#### Required for Major

CDIS 201	Observation of Human Communication (3)
CDIS 220	Basic Audiology (3)
CDIS 290	Introduction to Communication Disorders (3)
CDIS 312	Speech and Language Development (3)
CDIS 322	Speech and Hearing Science (3)
CDIS 392	Phonetics (3)
CDIS 394	Applied Anatomy and Physiology (3)
CDIS 402	Child Language Disorders (2)
CDIS 403	Child Language Disorders Lab (1)
CDIS 410	Neurological Bases of Speech (2)
CDIS 416	Voice and Resonance Disorders (3)
CDIS 421	Aural Rehabilitation (3)
CDIS 431	Orientation Lab (1)
CDIS 434	Orientation to Clinical Practicum (2)
CDIS 438	Speech Sound Disorders (3)
CDIS 444	Appraisal and Diagnosis (3)
CDIS 445	Grand Rounds - Foundation (1)
CDIS 446	Grand Rounds - Presentation (2)
CDIS 495	Clinical Practicum: Speech/Language Disorders (2)

#### Other Graduation Requirement

**Required for Bachelor of Arts (BA) degree ONLY:** Language (8 credits)

**Required Minor:** None

#### COMMUNICATION SCIENCES AND DISORDERS BS

Degree completion = 120 credits

#### General Education Courses

Students must take a total of 12 credits with at least one course in each of the following areas: Statistics, Biology, Physical Sciences (physics or chemistry), and Social/Behavioral Sciences.

#### Required for Major

CDIS 201	Observation of Human Communication (3)
CDIS 220	Basic Audiology (3)
CDIS 290	Introduction to Communication Disorders (3)
CDIS 312	Speech and Language Development (3)
CDIS 322	Speech and Hearing Science (3)
CDIS 392	Phonetics (3)
CDIS 394	Applied Anatomy and Physiology (3)
CDIS 402	Child Language Disorders (2)
CDIS 403	Child Language Disorders Lab (1)
CDIS 410	Neurological Bases of Speech (2)
CDIS 416	Voice and Resonance Disorders (3)
CDIS 421	Aural Rehabilitation (3)
CDIS 431	Orientation Lab (1)
CDIS 434	Orientation to Clinical Practicum (2)
CDIS 438	Speech Sound Disorders (3)
CDIS 444	Appraisal and Diagnosis (3)
CDIS 445	Grand Rounds - Foundation (1)
CDIS 446	Grand Rounds - Presentation (2)
CDIS 495	Clinical Practicum: Speech/Language Disorders (2)

#### COMMUNICATION SCIENCES AND DISORDERS MINOR

Students must complete both Minor Core and Minor Capstone courses and a minimum of 12 credits from Minor Specialization Courses.

#### Required for Minor

CDIS 290	Introduction to Communication Disorders (3)
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#### Minor Specialization Courses (Select 12 credits minimum)

CDIS 201	Observation of Human Communication (3)
CDIS 220	Basic Audiology (Note: prerequisite is CDIS 322) (3)
CDIS 312	Speech and Language Development (3)
CDIS 322	Speech and Hearing Science (3)

## COMMUNICATION SCIENCES AND DISORDERS CONTINUED

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CDIS	392	Phonetics (3)
CDIS	394	Applied Anatomy and Physiology (3)
CDIS	402	Child Language Disorders (2)
CDIS	403	Child Language Disorders Lab (1)
CDIS	416	Voice and Resonance Disorders (3)
CDIS	421	Aural Rehabilitation (3)
CDIS	444	Appraisal and Diagnosis (3)

### Required for Minor Capstone Course

CDIS	445	Grand Rounds – Foundation (1)
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### COURSE DESCRIPTIONS

#### CDIS 201 (3) Observation of Human Communication

Procedures for observing, describing, analyzing behaviors associated with human communication. Open to non-majors.

Fall, Spring  
GE-1B

#### CDIS 205 (3) Beginning Sign Language

The first in a sequence of courses which aim at the development of skills in the use of American Sign Language as a form of communication with persons who are hearing impaired or deaf.

Variable  
GE-11

#### CDIS 206 (3) Intermediate Sign Language

The second in a sequence of courses which aim at the development of skills in the use of American Sign Language as a form of communication with persons who are hearing impaired or deaf.

Prerequisite: CDIS 205

Variable  
GE-8

#### CDIS 207 (3) Advanced Sign Language I

The third in a sequence of courses which aim at the development of skills in the use of American Sign Language as a form of communication with persons who are hearing impaired or deaf.

Prerequisite: CDIS 206

Variable  
GE-8

#### CDIS 208 (3) Advanced Sign Language II

Continuation of Advanced Sign Language I: expanded study of Sign Language with emphasis on conversation skills and storytelling; continued expansion of knowledge of Deaf Culture and Deaf Community.

Prerequisite: CDIS 207. Must have earned a grade of "A" or "B" in CDIS 207.

#### CDIS 220 (3) Basic Audiology

Functional anatomy of the ear, common pathologies, and measurement of hearing and sound.

Prerequisite: CDIS 322

Spring

#### CDIS 230 (2) Speech/Language Foreign Students

Modification of oral communication and listening of speakers who are learning English as a foreign language. Individualized, clinical model is employed.

Variable

#### CDIS 290 (3) Introduction to Communication Disorders

Classification and management of speech, language and hearing disorders and how their effects can marginalize a population.

Fall, Spring

GE-7

Diverse Cultures - Purple

#### CDIS 291 (1-3) Individual Study

Fall, Spring

#### CDIS 312 (3) Speech and Language Development

Acquisition and sequences of phonological, syntactical, morphological and semantic features of language across the lifespan. Theory and research.

Fall

#### CDIS 322 (3) Speech and Hearing Science

This course is designed to provide the students with a comprehensive knowledge base of the auditory and speech sciences as they relate to communication disorders. The major emphasis is on the characteristics of sound and sound transmission and the relationship to speech perception.

Fall

#### CDIS 392 (3) Phonetics

Using IPA to analyze and transcribe the sounds of English, emphasizing understanding the process involved to produce phonemes in normal, culturally different and disordered speech.

Fall

#### CDIS 394 (3) Applied Anatomy and Physiology

Anatomy and Physiology with specific focus on structure and function of speech, language, and hearing mechanisms. Specific systems include respiration, phonation, articulation, hearing, and neurology (peripheral and central).

Fall

#### CDIS 401 (3) Hearing Disorders

This course is designed to provide students with the knowledge base of various auditory and vestibular disorders. It will explore the effects of auditory dysfunction as it relates to communication, education and remediation.

Fall

#### CDIS 402 (2) Child Language Disorders

Types and characteristics of language disorders in children.

Fall

#### CDIS 403 (1) Child Language Disorders Lab

Lab associated with CDIS 402. Practice in applying course content to the language of children.

Fall

#### CDIS 404 (3) Dimensions of Deafness

This course is designed to provide students with a knowledge base of Deaf culture. The many facets of the deaf/hard of hearing person's life will be explored. The debate over cochlear implantation is discussed in great detail.

Spring

#### CDIS 408 (3) Seminar in Central Auditory Processing Disorders

Students will learn the definition of central auditory processing disorders (CAPD), as well as the controversies surrounding the diagnosis of the disorder. The neuroanatomy and physiology related to auditory processing will also be covered in order to understand the diversity involved in the diagnostic and management methods of CAPD. Students will learn the appropriate test batteries, the diagnostic team involved, the inclusion of a multidisciplinary team approach and treatment/management options for CAPD. This course would be beneficial to education majors, CDIS majors, and Educational Psychology.

Spring

#### CDIS 409W (3) Literacy Foundations and Disorders for Speech-Language Pathologists

This course is designed to provide students with knowledge and skills in the areas of literacy foundations, development, assessment, intervention and disorders. Students will engage in both clinical and academic writing in the context of literacy assessment and intervention.

All Year

#### CDIS 410 (2) Neurological Bases of Speech

An overview of neuroanatomy and neuroscience and relationships between neuroscience and speech, language, and hearing.

Fall

#### CDIS 416 (3) Voice and Resonance Disorders

Description, etiology, assessment and management of voice and resonance disorders.

Fall

#### CDIS 421 (3) Aural Rehabilitation

Habilitative audiology and the instruction of the hearing-impaired, including hearing aids, speech reading and auditory training.

Spring

#### CDIS 431 (1) Orientation Lab

Supervised observation of the diagnostic and remedial management of speech and language disorders.

Prerequisite: Concurrent enrollment in CDIS 434

Spring

### **CDIS 434 (2) Orientation to Clinical Practicum**

Procedures and operation of the clinical program in communication disorders.

Prerequisite: Consent, concurrent enrollment in CDIS 431

Spring

### **CDIS 438 (3) Speech Sound Disorders**

Description, etiology, assessment and management of speech sound problems.

Spring

### **CDIS 444 (3) Appraisal and Diagnosis**

Tests, measures, procedures and processes for the evaluation and diagnosis of speech and language.

Spring

### **CDIS 445 (1) Grand Rounds-Foundation**

Observation of clinical case studies.

Variable

### **CDIS 446 (2) Grand Rounds-Presentation**

Presentation of clinical case studies.

Variable

### **CDIS 457W (3) Transdisciplinary Research in Health-Related Fields**

This course will explore transdisciplinary research design with emphasis related to the areas of allied health and nursing sciences and disciplines. Basic overview of research methodologies commonly utilized in health sciences and approaches to transdisciplinary research will be explored through review of original research. Students will be required to produce and revise scientific writing with specific focus on inter/transdisciplinary studies. Team-based problem centered research questions will be developed and investigated using transdisciplinary methodology with current health-related issues.

Fall

### **CDIS 490 (1-4) Independent Study**

Fall, Spring, Summer

### **CDIS 491 (1-6) In-service**

Study of a specific disorder or aspects of communication disorders that are not provided in the current curriculum.

### **CDIS 495 (2) Clinical Practicum: Speech/Language Disorders**

A practicum course designed to train the student to provide competent clinical services to persons with communication disorders. The student will develop skills to conduct diagnostic sessions, design and implement intervention plans and write clinical reports.

Prerequisite: 3 of the following: CDIS 402, CDIS 416, CDIS 438 (completion of or concurrent enrollment in CDIS 444). GPA of 2.8 in major courses.

Fall, Spring