

# COMMUNICATION SCIENCES AND DISORDERS

communication-sciences-disorders/communication-sciences-disorders-minor/)

Office: 103 Prentis Building; 313-577-3339

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Graduate Officer: Derek Daniels

Undergraduate Advisor: Dana Johns

Clinical Program Coordinators: Tausha Moore, Mary Kassa

<https://clas.wayne.edu/csd> (<https://clas.wayne.edu/csd/>)

This department offers courses related to the study of communication and communication disorders and sciences. Specialized coursework prepares students to work with speech-language and hearing disabled children and adults in a variety of settings, including public schools, hospitals, clinics, rehabilitation centers and private practice. College teaching and research are also career possibilities.

Initial questions about the major or minor should be directed to the Undergraduate & Post Bachelor Academic Advisor, Dana Johns. Location room: 105 Prentis Building (313-577-8804 or email: [dana.johns@wayne.edu](mailto:dana.johns@wayne.edu)).

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- Communication Sciences and Disorders (B.A.) (<http://bulletins.wayne.edu/undergraduate/college-liberal-arts-sciences/communication-sciences-disorders/communication-sciences-disorders-ba/>)
- Communication Sciences and Disorders Minor (<http://bulletins.wayne.edu/undergraduate/college-liberal-arts-sciences/>)

## Audiology

### AUD 5400 Introduction to Audiology Cr. 3

Introduction to physics of sound, anatomy of the hearing mechanism, audiometry, hearing aids, habilitation and rehabilitation of the hearing handicapped. Offered Fall, Winter.

### AUD 5420 Introduction to Aural Rehabilitation Cr. 3

Principles and practices of aural rehabilitation including hearing aids. Offered Winter, Spring/Summer.

**Prerequisites:** AUD 5400 with a minimum grade of D-

### AUD 6000 Electrophysiological Procedures Cr. 4

Two distinct electrophysiological procedures, auditory evoked potentials and otoacoustic emissions, are presented. Both procedures consist of several sub-tests used to assess the auditory system from the middle ear to the cortex, in normal and disordered ears. Offered for graduate credit only. Offered Spring/Summer.

**Prerequisite:** AUD 5400 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

### AUD 6030 Instrumentation in Audiology Cr. 3

Operation, hook-up, scientific notation, systems of measurement, calibration and repair of instruments and software used in clinical audiology. Offered for graduate credit only. Offered Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

### AUD 6040 Auditory and Vestibular Pathologies Cr. 4

Disorders of the auditory and vestibular systems. Etiology, pathological characteristics, medical and non-medical therapies.. Offered for graduate credit only. Offered Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

### AUD 6310 Audiology Clinical Practicum Series Cr. 3

Progression of knowledge and skill level, from introductory basic clinical skills through advanced clinical protocols for difficult to manage patients. Offered for graduate credit only. Offered Every Term.

**Prerequisite:** AUD 6410 with a minimum grade of C and AUD 6411 with a minimum grade of C and AUD 6412 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$10

**Repeatable for 9 Credits**

### AUD 6400 Anatomy, Physiology, and Psychophysiology of Audition Cr. 4

Structure and function of the human auditory system. Psychophysical theories of hearing. Offered for graduate credit only. Offered Fall.

**Restriction(s):** Enrollment is limited to students with a major in Audiology or Speech-Language Pathology; enrollment is limited to Graduate level students; enrollment limited to students in a Doctor of Philosophy, Master of Arts or Master of Science degrees.

### AUD 6410 Basic Audiologic Evaluation Cr. 3

Principles and application of pure-tone and speech audiometry, clinical masking, and impedance/immittance testing. Offered for graduate credit only. Offered Fall.

**Restriction(s):** Enrollment is limited to Graduate level students.

### AUD 6411 Audiology Clinical Laboratory I Cr. 2

Development of basic competencies related to clinical procedures and methods for evaluation and treatment of clients; maintenance and use of technology in the university audiology clinic. Student will observe and begin to perform evaluations under faculty supervision. Offered for graduate credit only. Offered Fall.

**Prerequisite:** AUD 6410 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$135

**AUD 6412 Audiology Clinical Laboratory II Cr. 2**

Continuation of basic competency development related to clinical procedures and methods for evaluation and treatment of clients, maintenance and use of technology in an audiology clinical practice. Students perform evaluations under faculty supervision. Offered for graduate credit only. Offered Winter.

**Prerequisite:** AUD 6040 with a minimum grade of C and AUD 6411 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$135

**AUD 6413 Audiology Clinical Laboratory III Cr. 2**

Continuation of competency development related to clinical procedures and methods for evaluation and treatment of clients, including advanced testing procedures. Course includes a rotating placement at a local health system. Offered for graduate credit only. Offered Spring/Summer.

**Prerequisites:** AUD 6411 with a minimum grade of B- and AUD 6412 with a minimum grade of B-

**Restriction(s):** Enrollment is limited to students with a major in Audiology; enrollment limited to students in the Doctor of Audiology or Doctor of Audiology programs; enrollment is limited to Graduate level students.

**Fees:** \$135

**AUD 6430 Principles of Amplification I Cr. 3**

Electroacoustic and clinical aspects of acoustic amplifiers and developmental history of hearing aids. Offered for graduate credit only. Offered Winter.

**Prerequisite:** AUD 6410 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**AUD 6530 Principles of Amplification II Cr. 3**

Fundamentals of digital technology, compression, channeling and programming, and applications to various hearing impairment parameters. Offered for graduate credit only. Offered Fall.

**Prerequisite:** AUD 6430 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

## Speech-Language Pathology

**SLP 1010 Elementary Sign Language: American Sign Language Cr. 4**

This course introduces the basics of American Sign Language (ASL). It is designed to help students with no or minimal sign language skills develop both basic skills in use of ASL and knowledge of Deaf culture, and it reviews basic grammar coupled with classroom practice to learn to communicate in signs. Offered Intermittently.

**SLP 1020 Advanced Sign Language Cr. 4**

This course introduces advanced use of American Sign Language (ASL). Students develop receptive and expressive abilities and learn to recognize and demonstrate more sophisticated grammatical features of American Sign Language (ASL). Offered Intermittently.

**Prerequisites:** SLP 1010 with a minimum grade of C

**SLP 3990 Directed Study Cr. 1-3**

Undergraduate study in areas not covered in scheduled curriculum, including library and field work. Offered Fall, Winter.

**Repeatable for 4 Credits**

**SLP 4998 Honors Seminar Cr. 3**

Bibliographic and research experiences; review of recent literature; research project. Offered Yearly.

**SLP 5080 Phonetics Cr. 3**

Multisensory study of sounds in the English language, emphasizing acoustic, physiologic, kinesiology approaches. Offered Fall, Winter.

**Equivalent:** LIN 5080

**SLP 5090 Anatomy and Physiology of the Speech Mechanism Cr. 3**

General science of normal speech; anatomy, physiology and mechanics of respiration, phonation, resonance, articulation. Offered Fall, Spring/Summer.

**SLP 5120 Speech Science Cr. 3**

Speech production, acoustics of sound, perception of the speech signal. Offered Fall, Winter.

**Prerequisites:** SLP 5080 with a minimum grade of C (may be taken concurrently) and SLP 5090 with a minimum grade of C (may be taken concurrently)

**SLP 5300 Introduction to Speech-Language Pathology Cr. 3**

Speech-language pathology in clinical and educational settings; classification of communication disorders and related management strategies. Offered Fall, Winter.

**SLP 5310 Clinical Methods in Communication Disorders Cr. 3**

Procedures and materials to apply the basic clinical processes involved in assessment for clinical diagnosis and intervention for speech and language deficits through written assignments. Offered Every Term.

**Prerequisites:** SLP 5080 with a minimum grade of C (may be taken concurrently), SLP 5090 with a minimum grade of C (may be taken concurrently), SLP 5300 with a minimum grade of C, and SLP 5320 with a minimum grade of C

**SLP 5320 Normal Language Acquisition and Usage Cr. 3**

Language development in children and the associated areas of emotional and motor development; language stimulation techniques and programs. Offered Fall, Winter.

**Fees:** \$10

**SLP 5360 Clinical Practice in Speech-Language Pathology Cr. 3**

**Satisfies General Education Requirement:** Writing Intensive Competency Supervised experience in application of methods of diagnosis and treatment of clinical cases. Offered Every Term.

**Prerequisites:** SLP 5310 with a minimum grade of B, SLP 6460 with a minimum grade of B, and SLP 6480 with a minimum grade of B

**Fees:** \$60

**Repeatable for 6 Credits**

**SLP 6360 Advanced Clinical Practice in Speech-Language Pathology Cr. 3**

Supervised experience in application of methods of diagnosis and treatment of clinical cases. Offered for graduate credit only. Offered Every Term.

**Prerequisite:** SLP 5360 with a minimum grade of B

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$60

**Repeatable for 12 Credits**

**SLP 6460 Language and Phonological Disorders Cr. 3**

Introduction to the clinical management of articulation and language disorders. Offered Fall, Winter.

**Prerequisites:** SLP 5080 with a minimum grade of C (may be taken concurrently), SLP 5300 with a minimum grade of C, and SLP 5320 with a minimum grade of C

**SLP 6480 Neurogenic Communication Disorders Cr. 3**

Introduction to acquired neurogenic communication disorders that impact speech, language, cognition, and swallowing in adult populations with clinical emphasis on differential diagnoses, assessment, and treatment approaches. Offered Fall, Winter.

**Prerequisites:** SLP 5080 with a minimum grade of C (may be taken concurrently), SLP 5090 with a minimum grade of C, SLP 5300 with a minimum grade of C, and SLP 5320 with a minimum grade of C

**SLP 6640 Language Development and Disorders: Infants and Preschool Children Cr. 3**

Theory, assessment and intervention with young children and their families. Emphasizes clinical problem solving, diagnosis, prevention and management in the context of cognitive, linguistic and neurological development. Offered for graduate credit only. Offered Fall.

**Prerequisite:** SLP 5300 with a minimum grade of C+ and SLP 5320 with a minimum grade of C+

**Restriction(s):** Enrollment is limited to Graduate level students.