

**AUDIOLOGY AND
SPEECH SCIENCES**

ASC

**Department of Communicative
Sciences and Disorders
College of Communication
Arts and Sciences**

203 Introduction to Communication Sciences and Disorders
Fall, Spring. 3(3-0) Not open to students with credit in ASC 403.

Survey of research and practice regarding speech, hearing and language disorders in children and adults.

214 Anatomy and Physiology of the Speech and Hearing Mechanism
Fall. 4(3-2) P:M: ASC 203 or concurrently

Structural and functional analyses of the central and peripheral auditory mechanisms, and of the respiratory, phonatory, and articulatory mechanisms for speech.

232 Descriptive Phonetics
Fall, Spring. 2(1-2)

Principles of speech production. Transcription of speech using the International Phonetic Alphabet.

303 Hearing Science
Fall. 3(2-2) P:M: MTH 106 or MTH 152H or MTH 110 or MTH 201 or MTH 116 or STT 200 or MTH 124 or STT 201 or MTH 132 RB: Completion of one ISP course. SA: ASC 255

Physical and psychological aspects of sound and their measurement. Emphasis on the understanding of human communication and its disorders.

313 Speech Science
Spring. 3(2-2) P:M: ASC 214 and (ASC 232 or concurrently) RB: Completion of one ISP course SA: ASC 255

Processes underlying the production and perception of speech. Understanding human communication and its disorders.

333 Oral Language Development
Fall, Spring. 3(3-0) P:M: PSY 101 or LIN 200 or LIN 401 or ENG 302 R: Not open to freshmen.

Development of receptive and expressive aspects of child language.

344 Evaluation Procedures in Audiology
Spring. 4(3-2) P:M: (ASC 303) and completion of Tier I writing requirement

Classification of hearing disorders. Behavioral and electrophysiological measurement of hearing, including subjective and objective testing procedures.

364 Evaluation Procedures in Speech-Language Pathology
Fall. 4(3-2) P:M: (ASC 313) and completion of Tier I writing requirement.

Evaluation procedures in speech-language pathology. Test procedures. Analysis of results. Report writing.

394 Observation and Analysis of Clinical Practice
Fall, Spring, Summer. 1(0-2) P:M: ASC 344 and ASC 364

Case presentations. Interviewing techniques. Behavioral observation and data collection. Behavior management. Counseling. Session plan and report writing.

403 Communication Sciences and Disorders
Fall. 3(3-0) R: Not open to freshmen or sophomores. Not open to students in the Department of Audiology and Speech Sciences. Not open to students with credit in ASC 203.

Research and practice regarding communication disorders and the professions of speech-language pathology and audiology.

419 International Aspects of Communication Disorders

Spring, Summer. 1 to 6 credits. A student may earn a maximum of 9 credits in all enrollments for this course. P:M: ASC 214 and ASC 303 and ASC 313 and ASC 333 R: Approval of department.

Human communication disorders in international settings.

433 Language Dialect Differences in Applied Contexts

Spring. 3(3-0) P:M: ASC 333 or LIN 200 or LIN 401 or ENG 302

Regional, ethnic, and cultural characteristics of American English. Comparison of speech-language differences and disorders.

443 Rehabilitative Audiology
Fall. 3(3-0) P:M: ASC 344

Fundamental aspects of auditory rehabilitation. Individual and group amplification systems, auditory training, speechreading, and counseling with children and adults.

453 Mind-Body Communication
Fall, Spring. 3(3-0) R: Not open to freshmen or sophomores.

Beliefs, thoughts, and emotions affecting the human body and behavior. Intrapersonal communication. Applications to health, education, business, and motor performance.

463 Intervention Procedures in Speech-Language Pathology

Spring. 3(3-0) P:M: ASC 364
Intervention procedures for individuals with developmental and acquired communication disorders.

473 Phonological Disorders in Children
Spring. 3(3-0) P:M: ASC 364

Phonological theory, speech perception and production, nature of normal and abnormal phonological development. Preparation of assessment and treatment plans. Application of treatment principles to different populations and cultural groups. Practice with narrow phonetic transcription of speech and phonological process-analysis.

483 School-Based Communication Disorders Programs

Spring. 3(3-0) P:M: ASC 463 or concurrently
Administrative and regulatory aspects of school-based programs for persons with communication disorders.

490 Independent Study

Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Approval of department.

Individualized student activities in human communication sciences and disorders.

491 Topics in Communication Sciences and Disorders
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Approval of department.

Varying topics related to normal or disordered communication.

494 Clinical Practicum in Communication Disorders

Fall, Spring, Summer. 2(0-4) A student may earn a maximum of 4 credits in all enrollments for this course. P:M: ASC394 and ASC463 RB: A minimum of 25 hours of approved clinical observation.

Supervised clinical experiences. Work with individuals having speech, language and/or hearing disorders.