

COMMUNICATIVE SCIENCES AND DISORDERS

CSD

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

203 Introduction to Communicative Sciences and Disorders

Fall, Spring. 3(3-0) SA: ASC 203

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

213 Anatomy and Physiology of the Speech and Hearing Mechanisms

Spring. 3(3-0) SA: ASC 214

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

232 Descriptive Phonetics

Spring, Summer. 3(3-0) SA: ASC 232

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

303 Fundamentals of Hearing and Audiometry

Spring. 3(3-0) P: CSD 213 or concurrently RB: Completion of one ISP course. Completion of the University mathematics requirement. SA: ASC 303, ASC 255

Physical and psychological aspects of hearing. Measurement of hearing thresholds. Binaural hearing.

313 Speech Science

Spring. 3(3-0) P: CSD 213 or concurrently RB: Completion of one ISP course. Completion of the University mathematics requirement. SA: ASC 313, ASC 255

Processes underlying the production and perception of speech.

333 Language Development

Fall, Spring. 3(3-0) SA: ASC 333

Development of receptive and expressive aspects of child language.

364 Evaluation Procedures in Speech-Language Pathology

Spring. 3(3-0) P: CSD 313 R: Open to undergraduate students in the Department of Communicative Sciences and Disorders or in the Communicative Sciences and Disorders Minor. SA: ASC 364

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

391 Clinical Methods in Communication Disorders

Spring. 3(3-0) P: CSD 303 and CSD 313 and CSD 333 R: Open to undergraduate students in the Department of Communicative Sciences and Disorders or in the Communicative Sciences and Disorders Minor. SA: ASC 394

Clinical methods utilized by speech-language pathologists and audiologists, including: interviewing techniques, behavioral observation and data collection, behavior management, counseling, and session plan and report writing.

419 International Aspects of Communicative Disorders

Spring, Summer. 1 to 6 credits. Summer: London, England. A student may earn a maximum of 9 credits in all enrollments for this course. P: CSD 213 and CSD 303 and CSD 313 and CSD 333 R: Approval of department. SA: ASC 419

Human communication disorders in international settings.

444 Clinical Procedures in Audiology and Aural Rehabilitation

Spring. 3(3-0) P: CSD 303 R: Open to undergraduate students in the Department of Communicative Sciences and Disorders or in the Communicative Sciences and Disorders Minor. SA: ASC 443

Clinical procedures in audiology. Aural rehabilitation procedures for individuals who are deaf or hard of hearing.

463 Intervention Procedures in Speech-Language Pathology

Spring. 3(3-0) P: CSD 313 R: Open to undergraduate students in the Department of Communicative Sciences and Disorders or in the Communicative Sciences and Disorders Minor. SA: ASC 463

Intervention procedures for individuals with developmental and acquired communication disorders.

470 Introduction to Developmental Communication Disorders (W)

Spring. 3(3-0) P: ((CSD 391 or concurrently) or approval of department) and completion of Tier I writing requirement RB: (CSD 364 or concurrently) and (CSD 463 or concurrently) R: Open to students in the Department of Communicative Sciences and Disorders or in the Communicative Sciences and Disorders Minor.

Introduction to the nature, causes, and clinical management of developmental communication disorders.

472 Introduction to Acquired Communication Disorders (W)

Spring. 3(3-0) P: ((CSD 391 or concurrently) or approval of department) and completion of Tier I writing requirement RB: (CSD 364 or concurrently) and (CSD 463 or concurrently) R: Open to students in the Department of Communicative Sciences and Disorders or in the Communicative Sciences and Disorders Minor.

Introduction to the nature, causes, and clinical management of acquired communication disorders.

483 School-Based Communicative Disorders Programs

Spring. 3(3-0) P: CSD 463 or concurrently SA: ASC 483

Administrative, regulatory, and practice aspects of school-based programs for persons with communicative 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. SA: ASC 490

Individualized student activities in human communicative sciences and disorders.

491 Topics in Communicative 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. SA: ASC 491

Varying topics related to normal or disordered communication.

803 Research Methods in Communicative Sciences and Disorders

Spring. 3(3-0) R: Open to graduate students in the Department of Communicative Sciences and Disorders. SA: ASC 803

Hypothesis generation, experimental design, data collection, data analysis, and presentation.

813 Neuroanatomy and Neurophysiology of Speech, Language, and Hearing

Spring. 3(3-0) R: Open to graduate students in the Department of Communicative Sciences and Disorders. SA: ASC 813

Structural and functional descriptions of the nervous system as it relates to communication sciences and disorders.

815 Acquired Language Disorders

Spring. 3(3-0) P: CSD 813 R: Open to graduate students in the Department of Communicative Sciences and Disorders. SA: ASC 823A, CSD 823A

Neuropathology, symptomatology, and speech-language rehabilitation of individuals with aphasia and related disorders.

819 Cognitive-Communicative Disorders-Summer

Summer. 3(3-0) P: CSD 813 R: Open to graduate students in the Department of Communicative Sciences and Disorders. SA: ASC 823I, CSD 823I

Neurophysiological, speech-language, cognitive, neuropsychological, and social/emotional rehabilitation associated with traumatic brain injury, dementia, and right hemisphere neurological disorders.

824 Developmental Language Disorders

Spring. 3(3-0) R: Open to graduate students in the Department of Communicative Sciences and Disorders.

Nature, characteristics, evaluation, assessment, diagnosis, and intervention for children with developmental language and related disorders.

825 Autism and Related Neurodevelopmental Disorders

Spring. 3(3-0) P: CSD 824 R: Open to graduate students in the Department of Communicative Sciences and Disorders. SA: CSD 823G

Nature, characteristics, evaluation, assessment, diagnosis, and intervention for children with autism and related neurodevelopmental disorders.

830 Fluency Disorders

Spring. 3(3-0) R: Open to graduate students in the Department of Communicative Sciences and Disorders. SA: ASC 823D, CSD 823D

History, theories, symptomatology, diagnosis, and treatment of fluency disorders in children and adults.

840 Voice Disorders

Spring. 3(3-0) P: CSD 813 R: Open to graduate students in the Department of Communicative Sciences and Disorders. SA: ASC 823C, CSD 823C

Etiology, symptomatology, diagnosis, and treatment of voice disorders in children and adults.

CSD—Communicative Sciences and Disorders

- 850 Medical Aspects of Speech-Language Pathology**
Spring. 3(2-2) P: CSD 813 R: Open to graduate students in the Department of Communicative Sciences and Disorders. SA: ASC 823J, CSD 823J C: CSD 840 concurrently. Introduction to assessment, intervention, and management of persons with laryngectomy, tracheostomy, ventilator-dependence, and cleft lip and palate. Intensive study of the clinical procedures and instrumentation employed by speech-language pathologists who practice in medical settings.
- 855 Assessment and Treatment of Dysphagia**
Spring. 3(3-0) P: CSD 813 R: Open to graduate students in the Department of Communicative Sciences and Disorders. SA: ASC 823K, CSD 823K
Introduction to assessment, intervention, and management of persons with swallowing disorders.
- 860 Articulation and Phonological Disorders**
Spring. 3(3-0)
Nature, basis, assessment, and treatment of developmental phonological disorders
- 865 Motor Speech Disorders**
Summer. 3(3-0) P: CSD 813 R: Open to graduate students in the Department of Communicative Sciences and Disorders. SA: ASC 823B, CSD 823B
Neuropathology, symptomatology, and speech-language habilitation and rehabilitation of individuals with motor speech disorders.
- 880 Clinical Proseminar in Communicative Sciences and Disorders**
Spring. 3(3-0) R: Open to graduate students in the Department of Communicative Sciences and Disorders.
Preparation for clinical practicum placements including review of professional conduct, practice settings, caseload management, and documentation.
- 883 Clinical Practicum in Speech-Language Pathology**
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 15 credits in all enrollments for this course. R: Open to graduate students in the Department of Communicative Sciences and Disorders. SA: ASC 894A
Supervised clinical experience in the management of clients with speech-language disorders.
- 888 Counseling in Communicative Disorders**
Summer. 3(3-0) SA: ASC 823L, CSD 823L
Overview of counseling issues related to communication disorders.
- 890 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: Open to master's students in the Communicative Sciences and Disorders major. Approval of department. SA: ASC 890
Individualized study under faculty direction.
- 899 Master's Thesis Research**
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to graduate students in the Department of Communicative Sciences and Disorders. Approval of department. SA: ASC 899
Master's thesis research.
- 901 Speech Perception**
Spring of even years. 3(3-0) R: Open to students in the Communicative Sciences and Disorders Major.
Foundations of human speech perception, including phonetic variability, categorical perception, and loss of phonetic sensitivity during acquisition.
- 902 Speech Production**
Spring of odd years. 3(3-0) R: Open to students in the Communicative Sciences and Disorders Major.
Foundational process underlying the production of speech. Theories of motor speech production.
- 903 Language Science**
Spring of odd years. 3(3-0) RB: Enrollment in the CSD PhD program R: Open to students in the Communicative Sciences and Disorders Major.
Structure, development, and neurocognitive basis of spoken and written language systems. Disorders of linguistic communication. Signed languages.
- 904 Hearing Science**
Spring of even years. 3(3-0) RB: Enrollment in the CSD PhD program R: Open to students in the Communicative Sciences and Disorders Major.
Basics of the anatomy and physiology of the hearing system and function of the peripheral and central auditory system.
- 905 Doctoral Proseminar in Communicative Sciences and Disorders**
On Demand. 3(3-0) RB: PhD Students in CSD in the first 2 years of their program.
Fundamentals of education, research, and academic life with examples from the multidisciplinary field of Communicative Sciences and Disorders. To be taken during the PhD student's comprehensive examination term.
- 910 Grant writing for Researchers**
Spring of even years. 3(3-0) RB: Enrollment in the CSD PhD program R: Open to students in the Communicative Sciences and Disorders Major. Approval of department.
Development of an early career independent research grant proposal. Familiarize students with federal funding agencies. Development of scientific writing and reasoning skills related to grant preparation and critique.
- 990 Independent Study**
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 16 credits in all enrollments for this course. R: Open to graduate students. Approval of department. SA: ASC 990
Individualized study under faculty direction.
- 991 Special Topics in Communicative Sciences and Disorders**
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to graduate students in the Department of Communicative Sciences and Disorders or approval of department. SA: ASC 991
Selected topics in human communication and its disorders.
- 992 Seminar in Communicative Sciences and Disorders**
Fall, Spring. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to graduate students in the Department of Communicative Sciences and Disorders. Approval of department. SA: ASC 992
Topical themes in human communication and its disorders.
- 994 Research Practicum in Communicative Sciences and Disorders**
Fall, Spring, Summer. 1(0-2) A student may earn a maximum of 12 credits in all enrollments for this course. RB: CSD 803 or concurrently R: Approval of department. SA: ASC 994
Individual research under faculty supervision.
- 999 Doctoral Dissertation Research**
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 36 credits in all enrollments for this course. R: Open to doctoral students in the Department of Communicative Sciences and Disorders. Approval of department. SA: ASC 999
Doctoral dissertation research.