

## COMMUNICATIVE SCIENCES AND DISORDERS

### 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

Fall. 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

Fall, Spring. 2(2-0) SA: ASC 232

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

#### 303 Fundamentals of Hearing

Fall. 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

Fall. 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 Oral Language Development

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

Development of receptive and expressive aspects of child language.

#### 344 Evaluation Procedures in Audiology

Spring. 4(3-2) P: (CSD 303) and completion of Tier I writing requirement R: Open to undergraduate students in the Department of Communicative Sciences and Disorders or approval of department. SA: ASC 344

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

#### 364 Speech and Language Disorders and their Evaluation

Spring. 3(3-0) P: CSD 313 SA: ASC 364

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

#### 391 Observation and Analysis of Clinical Practice

Fall, Spring. 1(0-2) P: CSD 303 and CSD 313 and CSD 333 SA: ASC 394

Case presentations. Interviewing techniques. Behavioral observation and data collection. Behavior management. Counseling. 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 Audiologic Assessment and Intervention/Rehabilitation

Spring. 3(3-0) P: CSD 303 SA: ASC 443

Clinical procedures in audiology.

#### 453 Mind-Body Communication

Fall, Spring. 3(3-0) R: Not open to freshmen or sophomores. SA: ASC 453

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

#### 463 Intervention/Rehabilitation Procedures in Speech-Language Pathology

Spring. 3(3-0) P: CSD 313 SA: ASC 463

Intervention and rehabilitation procedures for individuals with developmental and acquired communication disorders.

#### 473 Phonological Disorders in Children

Spring. 3(3-0) P: CSD 364 SA: ASC 473

Nature, basis, assessment, and treatment of developmental phonological 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

Fall. 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

Fall. 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

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

#### 819 Cognitive-Communicative Disorders

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.

#### 820 Language Assessment and Intervention: Early Stages

Spring. 3(3-0)

Nature, characteristics, evaluation, assessment, diagnosis, and intervention for children with developmental language and related disorders from infancy through preschool

#### 821 Language Assessment and Intervention: Later Stages

Fall. 3(3-0) P: CSD 820 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 developmental language and related disorders from early school years through adolescence

#### 830 Fluency Disorders

Fall. 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.

#### 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

Fall. 3(3-0)

Nature, basis, assessment, and treatment of developmental phonological disorders.

## Communicative Sciences and Disorders—CSD

- 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.
- 870 Augmentative Communication**  
Spring. 3(3-0) SA: ASC 823X, CSD 823X  
History and philosophy of augmentative communication. Assessment, system selection, and intervention considerations for aided and unaided systems. Synthesized voice output and micro-processor-based systems.
- 880 Clinical Proseminar in Communicative Sciences and Disorders**  
Fall. 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. P: CSD 880 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.
- 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.
- 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.