

Course Descriptions

(Offered through the Department of Communication Disorders.)

- CD 2374** **Individual Problems in Communication Disorders.**(1-3 0 0) Individual study designed to meet needs and interests of student and to provide the 25 hours of observation required by ASHA. May be repeated for a maximum of six hours.
- CD 2370** **Phonetics.** (3 3 0) An introduction to English phonetics. Fall.
- CD 2371** **Anatomy and Physiology of Speech.** (3 3 0) Anatomical physiological systems that underlie speech production. Fall.
- CD 2372** **Language Development.** (3 3 0) Speech and language development in the normally developing child. Fall.
- CD 2373** **Survey of Communication Disorders.** (3 3 0) Survey of human communication and disorders in children and adults. Fall.
- CD 3094** **Advanced Individual Problems in Communication Disorders.** (1-3 0 0) Prerequisite: consent of program director. Advanced individual study designed to meet needs and interests of student. May be repeated for a maximum of six hours.
- CD 3330** **Child Language Disorders.** (3 3 0) Prerequisite: 2370, 2372, 2371. Assessment and intervention of language disorders in preschool children. Spring.
- CD 3340** **Child Phonological Disorders.** (3 3 0) Prerequisite: 2370, 2371, 2372. Nature of articulation and phonological disorders in preschool children with focus on assessment and intervention. Spring.
- CD 3345** **Introduction to Fluency Disorders.** (3 3 0) Prerequisite: 2370, 2372, 2373. Etiology, characteristics, assessment, treatment and prevention of fluency disorders. Spring.
- CD 3355** **Introduction to Audiological Assessment.** (3 3 0) Prerequisite: MATH 1314. Physical characteristics of sound and the structure and function of the human auditory system. Pathologies of the ear and disorders of hearing. Measurement of basic audiologic test battery, including audiograms, masking, speech recognition and immittance. Fall.
- CD 3356** **Aural Rehabilitation.** (3 3 0) Prerequisite: 3355. Approaches to aural rehabilitation in children and adults. Introduction to educational audiology and assistive listening devices. Spring.
- CD 3365** **Introduction to Voice Disorders.** (3 3 0) Prerequisite: 2370, 2372, 2373. Etiology, characteristics, assessment, treatment and prevention of voice disorders. Communication disorders related to anomalies of craniofacial structures, including orafacial clefting of lips and palate. Fall.

- CD 3370** **Diagnosis in Communication Disorders.** (3 3 0) Prerequisite: 3330. Overview of general procedures in diagnosis in communication disorders. Fall.
- CD 3392** **Special Topics.** (3 3 0) Prerequisite: 2371, 3350. Intensive exploration of a selected topic in communication disorders. Topic to be determined each semester course is offered.
- CD 4372** **Language Literacy Disorders.** (3 3 0) Prerequisite: 3330, 3340. Theoretical models and current best evidence concerning the relationships among language disorders, learning disabilities and dyslexia; definitional and diagnostic issues and treatment approaches. Interventions aimed at improving phonological processing, fluency, comprehension, compensatory strategies and social skills will be emphasized. Spring. Course fee \$30.
- CD 4380** **Introduction to Research in Communication Disorders.** (3 3 0) Prerequisite: 3330, 3340. Introduction to research design in communication sciences and disorders. Developing understanding of research protocol, data analysis and professional writing skills needed for manuscript preparation. Application of research knowledge base in critically evaluating strength of evidence-based results supporting assessment and intervention. Spring.
- CD 4381** **Neural Basis of Communication Disorders.** (3 3 0) Prerequisite: 2370, 2371. Neuroscience and its application to aspects of normal and disordered communication. Spring.
- CD 4385** **Technology Applications in Communication Disorders.** (3 3 0) The application of current technology as it relates to the assessment and intervention with people with communication disorders. Fall.
- CD 4386** **Acquired Speech and Language Disorders.** (3 3 0) Prerequisite: 3370. Introduction to acquired speech and language disorders across the life span. Spring.
- CD 4390** **Clinical Professional Issues in Communication Disorders.** (3 0 0) Prerequisite: 3330, 3340. Senior-level introduction to clinical professional practices in communication disorders relating to professional ethics and scope of practice. Coverage of cultural diversity as it applies to characteristics, assessment, treatment and prevention of communication disorders. Spring. Course fee \$60.
- CD 4460** **Speech Science and Instrumentation.** (4 3 2) Prerequisite: 3330, 3340. Normal process of speech production from anatomic, physiologic, kinematic, aerodynamic, acoustic and perceptual perspective. Emphasis on measurement and analysis techniques, instrumentation and experimental paradigms used to study speech production and perception. Fall. Course fee \$30.
- CD 6301** **Thesis.** (3 0 0) Fall, spring.
- CD 6302** **Thesis.** (3 0 0) Prerequisite: 6301, consent of instructor, graduate standing. Fall, spring.

- CD 6305 Neuromotor Speech Disorders.** (3 3 0) Evaluation and treatment of dysarthrias and apraxia of speech. Spring.
- CD 6310 Voice Disorders.** (3 3 0) Communication disorders related to dysfunction of the phonatory and resonance system. Voice production, assessment and treatment intervention. Spring.
- CD 6415 Research in Communication Disorders.** (3 3 0) Research design in behavioral sciences with emphasis in speech-language pathology. Development of a research protocol and design, data analysis and manuscript preparation. Fall.
- CD 6320 Language Disorders in Children: Birth to 5.** (3 3 0) Prevention, assessment and treatment of language disorders from birth to 5. Clinical and instrumentation evaluation techniques. Compensatory strategies and rehabilitation techniques in context of evidence-based research. Differences in assessment and treatment in children versus adults will be emphasized. Fall.
- CD 6325 Augmentative and Alternative Communication.** (3 3 0) Augmentative and alternative communication for severe speech and language disorders across the life span. Summer.
- CD 6330 Aphasia and Related Neurogenic Language Disorders.** (3 3 0) Assessment and treatment of acquired neurologically based disorders, including aphasias, dementia and Alzheimer's disease as well as closed-head injuries. Fall.
- CD 6335 Fluency Disorders.** (3 3 0) Theories, etiology, assessment, personal impact and therapeutic intervention of fluency disorders in children and adults. Fall.
- CD 6350 Swallowing Disorders.** (3 3 0) Normal anatomy/ physiology/neurology of deglutition across the lifespan. Etiologies, characteristics, prevention, assessment and treatment of swallowing disorders in children and adults. Spring.
- CD 6370 Articulation and Phonological Disorders.** (3 3 0) Assessment and treatment of articulation and phonological disorders in culturally diverse populations across the life span with transcription, scoring and analysis of assessment results explored. Fall.
- CD 6375 Language Disorders in School-Age Children.** (3 3 0) Current issues and approaches relative to the etiologies, characteristics, assessment, intervention and prevention of language and learning disorders in school-age children and adolescents. Fall.
- CD 6388 Applied Clinical Research.** (3 3 0) Clinical research process including review of the literature, problem statement, hypothesis, generation, testing hypotheses in the context of therapy, quantification of clinical progress and written reports. Evidence-based practices and scientific problem-solving approaches with clients will be facilitated. Single-subject experimental design application is highlighted. Spring.
- CD 6392 Special Topics.** (3 3 0) Various areas of speech-language pathology. Attention to individual needs of the student will be a primary objective. Emphasis on habilitative and rehabilitative aspect of the field. May be repeated once for credit. Summer.

- CD 6394** **Advanced Independent Study in Communication Disorders.** (3 0 0) Various areas of speech-language pathology with attention to individual needs of the student. Emphasis on habilitative and rehabilitative aspects of the field. May be repeated once for credit. Spring.
- CD 6398** **Application of Clinical Principles.** (3 0 6) Prerequisite: consent of instructor; student must not have provisional admission status. Supervised clinical practicum in communication disorders. Techniques to elicit and support appropriate professional behaviors in clinic, home and school situations; methods for facilitating social skills for communication, social interaction guidelines for clients of diverse cultural backgrounds; ASHA Code of Ethics and Scope of Practice, universal health precautions, clinical procedures in written clinical documentation and appropriate evidence-based intervention methods. Student will address standards of the Council of Academic Program in Communication Sciences and Disorders (CAPCSD)—Standard IV-D and Standard III-G. Portfolio of current information on wide range of professional issues, including policies, practices and guidelines to document knowledge of contemporary professional issues will be required. May be repeated for nine hours credit. Fall, spring, summer. Course fee \$60.
- CD 6399** **Advanced Application of Clinical Principles.** (3 0 6) Prerequisite: consent of instructor; student must not have provisional admission status. Supervised advanced clinical practicum in communication disorders at selected external practicum sites. Student will address standard of the Council of Academic Programs in Communication Sciences and Disorders (CAPCSD): Standard III-H, Standard IC-A, Standard IV-G, Standard IV-B, Standard IV-C and Standard IV-D. Student must consult with clinical coordinator for contract with externship site, approval of outside facility. Maximum of nine hours credit. Fall, spring, summer. Course fee \$20.