

## CSD Course Descriptions

**1060 Human Language (3).** General introduction to various aspects of linguistic study. Elementary analysis of language data with some attention to application of linguistic study to other disciplines.

**1110 Manual Communication I (3).** Introduction to the English-based sign system, Signed English, a system that has been developed to bridge the gap between English and American Sign Language. Graded on S/U basis only.

**1120 Manual Communication II (3).** Continued vocabulary development and introduction of American Sign Language syntax and morphology. Prerequisite: 1110 or instructor's consent.

**2120 Survey of Communication Disorders (3).** Systematic survey of the disorders of speech, language, and hearing.

**3010 American Phonetics (3).** Analysis of sounds of Midwestern American dialect. Standards of pronunciation, feature analysis, transcription, articulation, mechanics, coarticulation. Prerequisite: departmental consent.

**3020 Normal Language Development (3).** Language development in preschool and school-age children. Cognition and language, developmental sequences, language-learning processes, language sample analysis and the relationship between spoken and written language. Prerequisite: Linguistics/English 4600 or Child Psychology.

**3210 Anatomy and Physiology of the Speech Mechanism (2).** Introduction to anatomical, functional aspects of speech mechanism.

**3220 Speech Acoustics (2).** An introduction to the acoustic aspects of speech as they relate to the respiratory, phonatory, resonatory, and articulatory systems. Prerequisites: Must be taken concurrently with CSD 3210 Anatomy and Physiology of the Speech Mechanism.

**3230 Hearing Science (3).** Anatomy and physiology of the auditory and vestibular systems in health and disease. Also includes acoustics, measurement of sound, and psychoacoustics.

**4001 Topics in Communication Disorders (cr. arr.).** Organized study of selected topics. Subjects and earnable credit vary from semester to semester. May be repeated with department consent. Prerequisites: junior standing and instructor's consent.

**4020 Language Disorders in Children (3).** Investigation of atypical language development in specifically language-impaired, learning-disabled, hearing-impaired, autistic and developmentally disabled children with particular attention to assessment and intervention procedures. Prerequisites: 2120, 3020, Linguistics/English 4600.

**4030 Language Disorders of Adults (2).** Introduction to disorders of language that occur in the adult population. Basic review of neuroanatomy/physiology, etiologies, symptomatology. Major emphasis will be placed on assessment and treatment. Prerequisites: 2120, 3020, 4430, Linguistics/English 4600.

**4200 Professional Voice (2).** Voice production, common voice problems, and their causes; healthy vocal habits and techniques to achieve optimal voice.

**4210 Fluency Disorders (2).** Introduction to the nature, assessment, and treatment of fluency disorders. Emphasis on developmental stuttering. Prerequisite: 2120, 3210.

**4220 Voice Disorders (1).** Introduction to voice disorders in children and adults. Includes overview of perceptual and instrumental assessment procedures and selected treatment approaches. Prerequisites: 2120, 3010, 3210, 4430.

**4320 Disorders of Phonology and Articulation (3).** Nature, cause, assessment, and treatment of speech sound disorders. Prerequisites: 2120, 3010, 3020, 3210.

**4330 Introduction to Audiology (3).** Tests and techniques in the evaluation and diagnosis of auditory and vestibular disorders. Prerequisites: 3230.

**4340 Aural Rehabilitation (3).** Identification, evaluation, and management of problems associated with hearing impairment in both children and adults. Includes issues related to speech/language development, communication, education and social factors. Prerequisites: 3230, 4330.

**4430 Neurophysiology for Speech, Language and Hearing (3).** Principles of normal neurophysiology, emphasizing correlation of structure and function of the nervous system.

**4810 Psycholinguistics (3).** Examines the knowledge and processes that underlie the human ability to produce and understand language. Prerequisite: Senior standing.

**4820 Speech Perception (3).** Selected topics in the perceptual processing of spoken language. Prerequisite: Senior standing.

**4900 Clinical Observation (1-3).** Directed clinical observations designed to prepare the student for clinical practicum. S/U graded only. Prerequisites: senior standing.

**4945 Clinical Apprenticeship in Communication Disorders (3).** Supervised observation and clinical experience in speech-language pathology for undergraduates. Prerequisite: senior standing and instructor's consent.

**4950 Research Apprenticeship (cr. arr.).** Research apprenticeship with a faculty member, assisting in the development and execution of research in communication processes and disorders. May be repeated to 6 hours maximum. Prerequisite: instructor's consent.

**4960 Directed Reading (1-3).** Independent reading; reports. Prerequisite: instructor's consent.

**7085 Problems in Communication Disorders (cr. arr.).** Individual study not leading to thesis or dissertation. Prerequisite: instructor's consent.

**7340 Aural Rehabilitation (3).** Identification, evaluation, and management of problems associated with hearing impairment in both children and adults. Includes issues related to speech/language development, communication, education and social factors. Prerequisites: 3230 and 4330, or instructor's; graduate standing.

**7430 Neurophysiology for Speech, Language and Hearing (3).** Principles of normal neurophysiology, emphasizing correlation of structure and function of the nervous system. Prerequisite: Graduate standing.

**7810 Psycholinguistics (3).** Examines the knowledge and processes that underlie the human ability to produce and understand language. Prerequisite: Graduate standing.

**7820 Speech Perception (3).** Selected topics in the perceptual processing of spoken language. Prerequisite: Graduate standing.

**8020 Developmental Language Disorders (3).** Nature, etiology, assessment and management of childhood language disorders. Prerequisites: 3020, 4020, and instructor's consent.

**8030 Acquired Language Disorders (3).** Primary emphasis on etiology, symptomatology, assessment and management of acquired aphasia in adults. Also addressed are the communicative deficits associated with traumatic brain injury, right hemisphere damage, and dementia. Prerequisites: 3020, 4030, Linguistics 4600 or equivalent, or instructor's consent.

**8050 Research in Communication Disorders (cr. arr.).** Independent research leading to a report but not to a thesis or dissertation. Prerequisite: instructor's consent.

**8085 Problems in Communication Disorders (cr. arr.).** Individual study not leading to thesis or dissertation. Prerequisite: instructor's consent.

**8087 Seminar: Contemporary Topics in Speech-Language Pathology (3).** Advanced study involving critical literature review and research on selected topics in speech and language. May be repeated for up to six credits. Prerequisite: instructor's consent.

**8090 Research in Communication Disorders (cr. arr.).** Research leading to thesis or dissertation. Prerequisite: instructor's consent.

**8150 Advanced Speech Science (2).** Advanced exploration of the physiology of speech production and the corresponding acoustic characteristics of speech. Includes experience with pertinent laboratory instrumentation.

**8200 Motor Speech Disorders (3).** A systematic study of disorders of motor speech control (dysarthria, apraxia) which result from damage to the human nervous system. Emphasis on etiology, symptomatology, assessment and treatment. Prerequisites: 3210, 4320, and 4430, or instructor's consent.

**8210 Fluency Disorders (3).** Identification and remediation of fluency disorders in children and adults. Includes comprehensive reviews of the various theories, systems of assessment and approaches to clinical management. Focus is on stuttering, but cluttering and palilalia are also addressed. Prerequisites: 3210 and 4210, or instructor's consent.

**8220 Voice Disorders (2).** Diagnosis and management of communication disorders resulting from pathologies or abnormalities of the craniofacial structures and from pathologies or misuse of the phonatory systems. Prerequisites: 3210 and 4220, or instructor's consent.

**8230 Dysphagia (3).** Assessment and treatment of acquired and developmental swallowing disorders, including video-fluoroscopic analysis. Prerequisites: C S&D 3210, 4220, and 8200; or instructor's consent.

**8240 Orofacial Anomalies (1).** Nature, causes, diagnosis, and treatment of disorders of communication associated with congenital orofacial anomalies. Emphasis on cleft palate. Prerequisites: 3210 and 4320, or instructor's consent.

**8260 Diagnosis in Speech-Language Pathology (3).** General principles of diagnosis; specific diagnostic tools and procedures for various speech and language disorders.

**8420 Reading and Language Disabilities in School-Age Children (2).** Theories, research, and practice in reading development and disorders. Focus on reading disabilities related to language disorders of various etiologies including developmental language disorders and head injury. Assessment, remediation, teaching methods.

**8430 Alternative and Augmentative Communication (2).** Principles of AAC assessment, methods of intervention, and types of technology available for individuals unable to communicate fully through speech. Prerequisite: 8020, 8030, and 8200, or instructor's consent.

**8500 Issues in Professional Practice (1).** Organizational, inter-professional, economic, legal, and ethical aspects of delivering speech, language, and hearing services.

**8935 Clinical Practice in Audiology (1).** Theory and application of advanced diagnostic and rehabilitative techniques. May be repeated for credit. Prerequisite: 4330.

**8945 Clinical Practice in Speech-Language Pathology (1-10).** Supervised clinical practice in speech pathology for graduate students. May be repeated for credit.

**8960 Directed Reading (1-3).** Independent reading; reports. Prerequisite: instructor's consent.

**9050 Research in Communication Disorders (cr. arr.).** Independent research leading to a report but not to a thesis or dissertation. Prerequisite: instructor's consent.

**9087 Seminar: Contemporary Topics in Speech-Language Pathology (3).** Advanced study involving critical literature review and research on selected topics in speech and language. May be repeated for up to six credits. Prerequisite: instructor's consent.

**9090 Research in Communication Disorders (cr. arr.).** Research leading to thesis or dissertation. Prerequisite: instructor's consent.