

CSD - Communication Sciences and Disorders

Courses numbered 100 to 299 = *lower-division*; 300 to 499 = *upper-division*; 500 to 799 = *undergraduate/graduate*.

CSD 111. Disorders of Human Communication (3).

Orientation to the disorders of human communication, communicative and psychosocial problems commonly encountered, and general approaches to habilitation. *Course includes diversity content.*

CSD 251. Auditory Development and Disorders (3).

Introduces the etiology, nature and symptomology of auditory disorders and pathologies. Restricted to CSD majors. Non-CSD majors and graduate students need departmental approval.

CSD 270. Introductory American Sign Language (3).

Cross-listed as ASL 104. Students develop basic expressive and receptive skills in the target language and gain awareness of the diversity of Deaf culture. Besides work in the classroom, computer-based assignments to be completed outside of class are required. Intended for students with no previous formal instruction in ASL. *Course includes diversity content.*

CSD 301. Anatomy and Physiology of the Speech and Hearing Mechanisms (3).

Introduces anatomy and physiology of the speech and hearing mechanisms for a basic understanding of human communication. Covers anatomic structures for generating speech, emphasizing the respiratory, phonatory, articulatory and nervous system. Covers structures of the outer, middle and inner ears, and the auditory nervous systems, for the sense of hearing and auditory perception.

CSD 304. Early Language Development (3).

Cross-listed as LING 304. Development of language traced from birth to early school age. Evaluates various acquisition theories in light of current psychological and linguistic thought. Emphasizes the development of linguistic categories: phonology, morphology, syntax, semantics and pragmatics. Lab required for reflective observation and analysis of various linguistic categories of typically developing children.

CSD 306. Applied Phonetics (3).

Cross-listed as LING 306. Identification, production and categorization of phonemes. Practice in phonemic and phonetic transcriptions of words using the International Phonetic Alphabet (IPA). Introduction to typical phonological acquisition and variations in speech production related to connected speech, cultural/linguistic diversity, and children's speech sound disorders. Course includes reflective observation and analysis of developmental phonetics and variance due to disorders and linguistic differences.

CSD 325. Intro to Health Care Ethics (1).

The purpose of this course is to provide an intellectual grounding through critical materials, for various approaches to identifying and analyzing contemporary ethical issues in health care. Current health care ethics issues are considered against a background of classical and contemporary ideas in applied ethical theory and case studies.

CSD 351. Introduction to Auditory Assessment (3).

History and scope of the field. Surveys audiology threshold testing procedures, immittance audiometric interpretation. Prerequisite(s): admission into the BA in CSD program.

CSD 425. Introduction to Clinical Processes (2).

The benchmark for applied learning in the Bachelor of Arts in communication sciences and disorders curriculum. Students have the opportunity to observe and assist in therapy with individuals

experiencing communication challenges who are receiving clinical services in the WSU Evelyn Hendren Cassat Speech-Language-Hearing Clinic. Introduces the diagnostic and remediation processes required for individuals with various communication delays and/or disorders. Prerequisite(s): admission into the BA in CSD program, junior standing, instructor's consent, and completion of in-class HIPAA training.

CSD 481. Cooperative Education (1-8).

Academic program that expands a student's learning experiences through paid employment in a supervised educational work setting related to the student's major field of study or career focus. For majors only. Repeatable for credit.

CSD 481N. Internship (1-4).

Complements and enhances the student's academic program by providing an opportunity to apply and acquire knowledge in a workplace environment as an intern. For majors only. Prerequisite(s): departmental consent.

CSD 490. Directed Study in Speech and Language Pathology or Audiology (1-3).

Arranged individual directed study in specialized content areas under the supervision of a faculty member. For majors only. Repeatable for credit. Prerequisite(s): instructor's consent.

CSD 490H. Directed Study in Speech and Language Pathology or Audiology Honors (1-3).

Arranged individual directed study in specialized content areas under the supervision of a faculty member. For majors only. Repeatable for credit. Prerequisite(s): instructor's consent.

CSD 504. Aural Rehabilitation (3).

Discussion and labs concerning the role of speech-language pathologists and audiologists in evaluation and treatment of hearing-impaired children, adolescents, adults and their families. Students focus on understanding psychological, social, educational and occupational impacts of hearing loss; on applying a rehabilitative model, technology, individual and group therapies, and collaboration with families and professionals to help hearing-impaired persons improve or cope better with their communication problems. For majors only. Prerequisite(s): CSD 351 or instructor's consent.

CSD 504H. Aural Rehabilitation Honors (3).

Discussion and labs concerning the role of speech-language pathologists and audiologists in evaluation and treatment of hearing-impaired children, adolescents, adults and their families. Students focus on understanding psychological, social, educational and occupational impacts of hearing loss; on applying a rehabilitative model, technology, individual and group therapies, and collaboration with families and professionals to help hearing-impaired persons improve or cope better with their communication problems. For majors only. Prerequisite(s): CSD 351 or instructor's consent.

CSD 506. Acoustic and Perceptual Phonetics (3).

Cross-listed as LING 506. Studies the physical patterns (acoustic) of speech sounds and the importance of these acoustic patterns to speech recognition (perception). Focuses on segmental phonemes (vowels and consonants) and on suprasegmental characteristics such as stress and intonation. Introduces different types of speech analysis techniques and discusses how they may be used to study the acoustic patterns of speech sounds. Studies how different aspects of the speech signal relate to listener perception. Note: The CSD 506 or 506H sections must be taken in order for this course to count toward the CSD undergraduate major. Non-CSD majors should enroll in LING 506.

CSD 506H. Acoustic and Perceptual Phonetics Honors (3).

Cross-listed as LING 506. Studies the physical patterns (acoustic) of speech sounds and the importance of these acoustic patterns to speech recognition (perception). Focuses on segmental phonemes (vowels and consonants) and on suprasegmental characteristics such as stress and intonation. Introduces different types of speech analysis techniques and discusses how they may be used to study the acoustic patterns of speech sounds. Studies how different aspects of the speech signal relate to listener perception. Note: The CSD 506 or 506H sections must be taken in order for this course to count toward the CSD undergraduate major. Non-CSD majors should enroll in LING 506.

CSD 512. Communication in Special Populations: Children (3).

Discusses communication differences, delays and disorders in children. Emphasizes the potential impact on quality of life and on academics resulting from communication disorders associated with special populations of children with speech-language impairments, intellectual disabilities, hearing impairment, acquired language disorders and craniofacial anomalies. Restricted to CSD majors. Non-CSD majors and graduate students need departmental approval. For undergraduate credit only. Prerequisite(s): completion of in-class HIPAA training.

CSD 512H. Communication in Special Populations: Children Honors (3).

Discusses communication differences, delays and disorders in children. Emphasizes the potential impact on quality of life and on academics resulting from communication disorders associated with special populations of children with speech-language impairments, intellectual disabilities, hearing impairment, acquired language disorders and craniofacial anomalies. Restricted to CSD majors. Non-CSD majors and graduate students need departmental approval. For undergraduate credit only. Prerequisite(s): completion of in-class HIPAA training.

CSD 517. Communication in Special Populations: Aging (3).

Focuses on how communication is affected by aging, what communication problems may be experienced by older persons, and what the implications are for speech-language pathologists and audiologists providing services to older persons. Explores prevention activities geared toward maintaining functional communication abilities in older adults as well as functional treatment approaches geared toward the specific communication needs of older persons. For CSD majors, but students from other fields may enroll with departmental consent. *Course includes diversity content.*

CSD 517H. Communication in Special Populations: Aging Honors (3).

Focuses on how communication is affected by aging, what communication problems may be experienced by older persons, and what the implications are for speech-language pathologists and audiologists providing services to older persons. Explores prevention activities geared toward maintaining functional communication abilities in older adults as well as functional treatment approaches geared toward the specific communication needs of older persons. For CSD majors, but students from other fields may enroll with departmental consent. *Course includes diversity content.*

CSD 518. Deaf Culture (3).

Examines various cultural aspects of the deaf community. Presents the interrelationship of language and culture along with a study of socialization, norms and values. *Course includes diversity content.* For undergraduate credit only.

CSD 519. Genetic and Organic Syndromes (4).

Introduces human genetics and the impact of chromosomal and structural anomalies of communication disorders. Assessment and remediation of cleft palate speech. Prerequisite(s): admission into the BA in CSD program and completion of in-class HIPAA training.

CSD 519H. Genetic and Organic Syndromes Honors (4).

Introduces human genetics and the impact of chromosomal and structural anomalies of communication disorders. Assessment and remediation of cleft palate speech. Prerequisite(s): admission into the BA in CSD program and completion of in-class HIPAA training.

CSD 523. Workforce Readiness and Preparation (3).

Cross-listed as ISLE 523, PSY 523. Designed for neurodivergent college students who are interested in developing pre-employment skills in a simulated work environment. *Course includes diversity content.*

CSD 605. Neuroscience of Communication Sciences and Disorders (3).

An introductory course for the anatomy and physiology of the human nervous system. The mechanisms of the peripheral and central nervous systems are covered in order for students to obtain an understanding of the neurology of speech, language and hearing. Neurological pathology, especially related to speech and hearing impairment, is covered as well. Prerequisite(s): admission into the BA in CSD program.

CSD 635H. Senior Practicum Honors (1).

Focuses on techniques and methods for developing clinical skills for a selected supervised practicum setting in speech-language pathology at the university's Evelyn Hendren Cassat Speech-Language-Hearing Clinic. Clinical practice skills include knowledge related to universal precautions, procedures for assessment/intervention, and electronic record keeping. Restricted to senior CSD honors students who have applied and been accepted according to department guidelines.

CSD 705. Counseling in Communication Sciences and Disorders (3).

Provides information on the structure and conduct of interviews, basic counseling strategies, and consideration of the "helping" role as practiced by communication disorders professionals. Focuses on information supportive of developing effectiveness in these roles. Considers multicultural concerns. *Course includes diversity content.*

CSD 710. Autism Spectrum Disorder (3).

Overview of the characteristics and etiology of autism spectrum disorder and the knowledge needed to conduct effective communication and language assessments and develop evidence-based treatment strategies for individuals with ASD. Covers guidelines for the assessment and intervention of communication skills, including decision making for the selection of functional communication systems, structured teaching and positive environmental supports for effective learning. *Course includes diversity content.*

CSD 740. Selected Topics in Communication Sciences and Disorders (1-3).

An umbrella course created to explore a variety of subtopics differentiated by letter (e.g., 740A, 740B). Not all subtopics are offered each semester – see the course schedule for availability. Students enroll in the lettered courses with specific topics in the titles rather than in this root course. Prerequisite(s): instructor's consent.

CSD 740V. Aural Rehabilitation (3).

For graduate students who did not complete an aural rehabilitation course during the undergraduate degree. Discussion and labs concerning the role of speech-language pathologists and audiologists in evaluation and treatment of hearing-impaired children, adolescents, adults and their families. Students focus on understanding psychological, social, educational and occupational impacts of hearing loss; on applying a rehabilitative model, technology, individual and group therapies, and collaboration with families and professionals to help hearing-impaired persons improve or cope better with their communication problems.

CSD 750. Workshop in Communication Sciences and Disorders (1-4).

An umbrella course created to explore a variety of subtopics differentiated by letter (e.g., 750A, 750B). Not all subtopics are offered each semester – see the course schedule for availability. Students enroll in the lettered courses with specific topics in the titles rather than in this root course.

CSD 781. Cooperative Education (1-4).

Academic program that expands a student's learning experiences through paid employment in a supervised educational work setting related to the student's major field of study or career focus. May not be used toward degree requirements. Repeatable for credit.