COMM SCIENCES & DISORDERS (CSD)

CSD 100. Intro to Comm Sci & Disorders. (3 Credits)
is a team-taught survey course designed to provide an introduction to the areas of study and the disciplines involved in communicative disorders, including an overview of communication processes and development as well as speech, language, and hearing disorders. 3 credits.

Prerequisite: None

Offered at: CUW

CSD 210. Anat & Phys Spch & Hearing Mec. (3 Credits)
provides understanding of the basic elements of neuroanatomy and neurophysiology involved in speech, hearing, and swallowing. This course covers the anatomy and physiology of respiration, phonation, articulation, resonance, mastication, deglutition, and hearing. 3 credits.

Prerequisite: None

Offered at: CUW

CSD 220. Clinical Phonetics. (3 Credits)
is an introduction to the study of the International Phonetic Alphabet and training in the phonetic transcription of speech for improvement of voice and diction. It includes descriptive systems for characterizing production of speech sounds and speech errors, phonetic transcription of normal and disordered speech as well as phonetic variation associated with dialects of English. 3 credits.

Prerequisite: None

Offered at: CUW

CSD 230. Found of Cognition & Language. (3 Credits)
focuses on the cognitive and linguistic elements and mechanisms, relationships between cognitive and linguistic abilities, and cultural influences upon language. It also addresses the definition of the specific components of language (phonology, syntax-morphology, semantics, and pragmatics) with emphasis on procedures for description and analysis commonly used in communication sciences and disorders. 3 credits.

Prerequisite: None

Offered at: CUW

CSD 240. Speech and Lang Development. (3 Credits)
focuses on speech and language development across the lifespan. This course covers development in the prenatal, postnatal, and newborn periods moving through the lifespan to include the toddler, preschool, school-aged and adult years. In addition, language acquisition theories, and multicultural implications are included. 3 credits.

Prerequisite: None

Offered at: CUW

CSD 250. Hearing Science. (3 Credits)
is the study of the scientific aspects of hearing and its measurement, including basic acoustics, anatomy and physiology of the ear, psychoacoustics, and instrumentation. 3 credits.

Prerequisite: None

Offered at: CUW

CSD 260. Speech Lang Disorders Children. (3 Credits)
addresses the characteristics of speech and language disorders in children from birth through adolescence as well as assessment and intervention strategies appropriate for that population. 3 credits.

Prerequisite: None

Offered at: CUW

CSD 270. Multicultural Populations. (3 Credits)
is the study of diverse populations, including cultural and linguistic differences and disorders in speech, language, and hearing, as well as cross-cultural issues in assessment and intervention. 3 credits.

Prerequisite: None

Offered at: CUW

CSD 280. Emergent Language and Literacy. (3 Credits)

CSD 300. Kinesiology & Motor Learning. (3 Credits)
provides an overview of fundamental concepts and mechanics of gross and fine motor movements including speech and swallowing dynamics. Principals and theories of motor learning theory related to motor function are also covered. 3 credits.

Prerequisite: None

Offered at: CUW

CSD 310. Audiology. (3 Credits)
is an introduction to audiology methods, pathologies of hearing, differential evaluation, physiological procedures, pediatric evaluation, hearing conservation, and rehabilitation with an emphasis upon pure tone thresholds, speech audiometry, and masking. 3 credits.

Prerequisite: None

Offered at: CUW

CSD 320. Speech Science. (3 Credits)
is the study of the physiological, acoustic, and perceptual aspects of speech. Emphasis is placed upon respiration, phonation, resonance, articulation, prosody and acoustic phonetics. 3 credits.

Prerequisite: None

Offered at: CUW

CSD 330. Speech Lang Disorders Adults. (3 Credits)
is a survey of speech and language disorders, seen in adulthoods. Prevention, assessment, and treatment are addressed. 3 credits.

Prerequisite: None

Offered at: CUW

CSD 335. Emergent Language and Literacy. (3 Credits)

CSD 340. Research Seminar. (1 Credit)
is an investigation of research methods employed in communication sciences and disorders. Emphasis is placed on human subjects procedures and protections and the design of an empirically based investigation. Interested students may apply and be admitted through a selection process based on faculty recommendation. 1 credit.

Prerequisite: None

Offered at: CUW
CSD 410. Aural Rehabilitation. (3 Credits)
is an introduction to the effects of hearing loss on language, hearing
conservation, and to principles of hearing (re)habilitation. Perceptual,
cognitive, communicative, educational, occupational, social, and
emotional aspects of life, for all age ranges, are studied. Common
intervention techniques associated with hearing loss are presented. 3
credits.
Prerequisite: None
Offered at: CUW

CSD 420. Clinical Methods & Observation. (3 Credits)
is an introduction to clinical service provision, including principles and
procedures in diagnostics and intervention that are common across
communication disorders scope of practice. Students will also learn
an approach to meaningful observation and documentation of clinical
practice in communication disorders in multiple settings. Effective
strategies within the context of the Christian perspective for managing
ethical dilemmas in patient care will be addressed. 3 credits.
Prerequisite: None
Offered at: CUW

CSD 430. Service Delivery & Ethics. (3 Credits)
focuses on issues related to the profession of speech-language
pathology, service delivery, ethics, and credentialing. Emphasis placed on
the American Speech-Language-Hearing Association Scope of Practice,
Codes of Ethics, Scope of Practice and Preferred Practice Patterns. The
importance of effective strategies within the context of the Christian
perspective will be incorporated in regards to professional activity,
including advocacy for the professions and the clients one serves are
addressed. 3 credits.
Prerequisite: None
Offered at: CUW

CSD 440. Research Practicum. (1-3 Credits)
is a closely mentored empirically based research experience that is
an extension of the research process acquired in CSD 340. Research
Seminar. 1-3 credits.
Prerequisite: CSD 340 Research Seminar.
Offered at: CUW

CSD 445. Clinical Instrumentation CSD. (3 Credits)
CSD 450. Clinical Practicum. (3 Credits)
provides an introduction to clinical skills and an opportunity to learn
about related clinical practice. Students participate in supervised clinical
practicum experiences including assessment and remediation of a variety
of communication disorders, where available. 3 credits.
Prerequisites: CSD 420 Clinical Methods and Observation and a 3.25 overall
GPA.
Offered at: CUW

CSD 455. Autism Spectrum Disorders. (3 Credits)
CSD 460. School Methods. (2 Credits)
Is an overview of communication disorders and therapy methods in
school-age children and the educational impact. Focus on practical
application through understanding of IDEA, RTI, classroom interventions,
and student accommodations and procedures and materials used in the
public schools by speech language pathologists/Audiologists. Effective
strategies within the context of the Christian perspective for managing
ethical dilemmas in the school setting will also be addressed. 3 credits.
Prerequisite: None

CSD 465. Special Topics in CSD. (1-3 Credits)
CSD 470. Neurological Bases of Comm. (3 Credits)
is the study of neurological development and function related to speech,
language, and hearing. Emphasis placed on the neuroanatomy and
neurophysiology involved in communication. 3 credits.
Prerequisite: None
Offered at: CUW

CSD 475. Senior Seminar. (1 Credit)
is an integrative experience for seniors that ties together the key learning
objectives identified by the department that are consistent with the
mission of the University. These capstone projects are expected to
demonstrate reflection, critical thinking, and effective communication
including presentation, research and technological skills as defined by
the nature of the project. 3 credits.
Prerequisite: None
Offered at: CUW

CSD 480. Counseling in Comm Disorders. (2 Credits)