COMMUNICATION SCIENCES AND DISORDERS (CMSD)

Courses

CMSD 217. Beginning Sign Language. 3 Units.
Focuses on learning American Sign Language (ASL) for conversational purposes. Finger spelling, a sign vocabulary of approximately 500 words, and acquisition of the basic grammatical rules of ASL. ASL contrasted with the various sign systems currently being used in educational settings in this country.

CMSD 267. Speech-Language Pathology Assistant Fieldwork. 2 Units.
Guided observation of clinical management of individuals with communication disorders. Supervised clinical experience in assisting the speech-language pathologist in a school and hospital setting. Course may not be taught every year.

CMSD 284. Introduction to Speech-Language Pathology and Audiology. 3 Units.
Major types of disorders. Etiology and treatment. Survey course for students majoring in speech-language pathology and audiology, prospective teachers, and others who may encounter speech-language or hearing disorders in their professions.

CMSD 304. Hearing Science. 4 Units.
Introduces basic theories and laboratory exercises in acoustics, psychoacoustics, and physiological acoustics.

CMSD 314. Language Science. 4 Units.
Introduces techniques of linguistic analyses used in the study of phonology, morphology, syntax, and semantics.

CMSD 318. Transcription Phonetics. 3 Units.
Student develops transcription skills using the International Phonetic Alphabet.

CMSD 324. Language Disorders of Children. 4 Units.

CMSD 334. Speech Sound Disorders in Children. 4 Units.
Definition, classification, etiology, diagnosis, and treatment of phonological/articulation disorders. Prerequisite or concurrent: CMSD 318.

CMSD 367. SLPA Practicum and Ethics. 4 Units.
Discussion of scope of practice and requirements for licensure for SLPAs in the state of California. Discussion of ethical issues related to the profession. Guided observation of clinical management of individuals with communication disorders. Supervised clinical experience in assisting the SLP in a school or hospital setting.

CMSD 376. Anatomy of Speech-Hearing Mechanism. 4 Units.
Anatomy and physiology of auditory-vocal communicative process.

CMSD 388. Communication across the Lifespan. 4 Units.
Overview of language development and normal changes over the lifespan. Development of language from infancy to adolescence, and the effects of aging on communication. Includes study of hearing.

CMSD 417. Speech Science. 4 Units.
Acoustic and physiological correlates of speech-sound production.

CMSD 424. Adult Language Pathology. 4 Units.
Impairment of language and speech related to organic neuropathology.

CMSD 426. Behavior Management Applications with Special Populations. 4 Units.
Addresses the principles of behavior modification and discrete trials training as they apply to persons with autism, developmental delays, congenital syndromes, and attention deficit hyperactivity disorders.

CMSD 434. Disorders of Fluency. 2 Units.
Characteristics, theories of etiology, and principles of management of stuttering and other fluency disorders.

CMSD 435. Voice Disorders. 2 Units.

CMSD 444. Organic Speech Disorders. 4 Units.
Introduces the classification, cause, manifestations, assessment, and treatment of craniofacial disorders/cleft palate, tongue thrust, dysarthria, apraxia of speech, and dysphagia.

CMSD 445. Techniques for ESL and Accent Modification. 2 Units.
Principles and procedures for teaching English as a second language (ESL) and accent modification to bilingual speakers of English.

CMSD 454. Introduction to Audiology. 4 Units.

CMSD 464. Introduction to Aural Rehabilitation. 4 Units.
Explores methods and techniques used with hearing-impaired children and adults who depend on hearing aids, cochlear implants, or assistive devices to develop or improve auditory and visual reception and speech production. Prerequisite: CMSD 454.

CMSD 467. Speech-Language Pathology and Audiology Practicum. 1-4 Units.
Supervised practice in diagnosis and therapy.

CMSD 477. Bilingualism and Biculturalism. 2 Units.
Addresses the clinical competencies and cultural sensitivity needed in dealing with bilingual and bilingual clients. Discusses the impact of such knowledge on assessment and intervention.

CMSD 485. Clinical Methods in Speech-Language Pathology. 4 Units.
Principles and procedures of speech-language therapy within and across disorders. Methods of determining treatment effectiveness. Regulations governing public school services.

CMSD 486. Diagnostic Methods in Speech-Language Pathology. 4 Units.
Purposes for assessment. Procedures employed in describing and diagnosing speech-language impairments.

CMSD 488. Autism Spectrum Disorders. 4 Units.
Characteristics, classifications, theories of etiologies, and principles of management of the autism spectrum disorders. Emphasizes assessment methods and intervention. Prerequisites: CMSD 324, CMSD 426, CMSD 485, CMSD 486.

CMSD 499. Speech-Language Pathology and Audiology Independent Study. 1-2 Units.
Student submits a project or paper on a topic of current interest in an area related to speech-language pathology and audiology. Regular meetings to provide the student with guidance and evaluation. Elected on the basis of need or interest.
CMSD 511. Graduate Portfolio I. 2 Units.
The first in a series of two courses that provides students with a format for demonstrating their acquisition of the knowledge and skills that prepare them for entry into the profession. Students learn the requirements for professional accreditation and certification, and of licensing entities; and develop a professional portfolio. Emphasizes ethical, business, and legislative considerations in speech-language pathology.

CMSD 512. Graduate Portfolio II. 1 Unit.
The second in a series of two courses that teaches students the requirements for professional accreditation and certification, and of licensing entities; and that helps them continue to develop an organized means of demonstrating the knowledge and skills acquired during their graduate program. Requires development of a professional portfolio.

CMSD 514. Anatomy of Speech-Hearing Mechanism. 4 Units.
Addresses anatomy and physiology of basic human auditory-vocal communicative processes. In addition to scheduled classes, students required to meet monthly to discuss application to clinical populations.

CMSD 515. Transcription Phonetics. 3 Units.
Student develops transcription skills using the International Phonetic Alphabet. In addition to scheduled classes, students required to meet monthly to discuss application to clinical populations.

CMSD 516. Speech and Hearing Science. 3 Units.
Introduces and explores basic theories in acoustics, psychoacoustics, and speech perception and production. Includes basic physics and algebra, as well as the application of scientific principles to clinical practice.

CMSD 520. Communication across the Lifespan. 4 Units.
Overview of language development and normal changes over the lifespan. Development of language from infancy to adolescence, and the effects of aging on communication. Includes study of hearing. Includes monthly meetings to discuss clinical applications.

CMSD 521. Language Disorders of Children. 4 Units.
Addresses impairments of language development in children, formal and informal assessment of children, and programming and planning of remediation procedures. Students meet monthly to discuss application to clinical populations. Prerequisite or concurrent: CMSD 520.

CMSD 522. Organic Speech Disorders. 4 Units.
Introduces the classification, cause, manifestations, assessment, and treatment of craniofacial disorders/cleft palate, tongue thrust, dysarthria, apraxia of speech, and dysphagia. In addition to scheduled classes, students required to meet monthly to discuss application to clinical populations.

CMSD 523. Seminar in Early Childhood Language Disorders. 3 Units.
Addresses the principles and procedures in assessment and interventions of language disorders in children. Emphasizes early-language learners (birth to 3 years).

CMSD 525. Seminar in School-Aged Child Language Disorders. 3 Units.
Addresses the principles and procedures of assessment and intervention of preschool, primary, and adolescent school-age children with language disorders. Emphasizes school-age learning in the areas of semantics, syntax, pragmatics, narrative, and phonological awareness.

CMSD 529. Adult Language Pathology. 4 Units.
Addresses impairment of language and speech related to organic neuropathology. In addition to scheduled classes, students required to meet monthly to discuss application to clinical populations.

CMSD 531. Language Science. 4 Units.
Introduces techniques of linguistic analysis used in the study of phonology, morphology, syntax, and semantics. In addition to scheduled classes, students required to meet monthly to discuss application to clinical populations.

CMSD 532. Speech Sound Disorders in Children. 4 Units.
Addresses definition, etiology, characteristics, prevention, assessment, and intervention for phonological/articulation disorders. In addition to scheduled classes, students required to meet monthly to discuss application to clinical populations.

CMSD 535. Voice Disorders. 3 Units.
Discusses diagnosis and intervention techniques used with children and adults displaying a variety of voice disorders. Includes demonstration and operation of instrumentation used for physiological and acoustic analysis of abnormal voice production.

CMSD 537. Clinical Methods in Speech-Language Pathology. 4 Units.
Addresses principles and procedures of speech and language therapy within and across disciplines. Addresses methods of determining treatment effectiveness. Discusses regulations governing public school services. In addition to scheduled classes, students required to meet monthly to discuss application to clinical populations.

CMSD 538. Diagnostic Methods in Speech-Language Pathology. 4 Units.
Discusses purpose of assessment, including procedures employed in describing and diagnosing speech and language impairments. In addition to scheduled classes, students required to meet monthly to discuss application to clinical populations.

CMSD 539. Introduction to Audiology. 4 Units.
Provides anatomy and physiology of the auditory mechanism. Addresses the nature of acoustic stimulus, disorders of the ear, and problems of the hard-of-hearing. Covers pure-tone audiometry. Applicable for California audiometric certification. In addition to scheduled classes, students required to meet monthly to discuss application to clinical populations.

CMSD 545. Issues in School Speech-Language Pathology. 3 Units.
Addresses issues confronted by school speech-language pathologists, including PL 94-142, IDEA, NCLB, planning for and conducting IEPs, scheduling and caseload management, evaluating and assessing students from diverse backgrounds, due process, and advocating for students.

CMSD 546. Laryngopharyngeal Endoscopy Techniques. 1 Unit.
Provides hands-on learning of rigid and flexible endoscopy techniques within the scope of practice for speech pathologists in the assessment and management of communication and swallowing disorders.

CMSD 547. Clinical Practice in Speech-Language Pathology and Audiology, Advanced. 1-6 Units.
Supervised practice in diagnosis and therapy.
CMSD 575. Instrumentation in Speech and Hearing. 1 Unit.
Lecture, discussion, and laboratory experience in the areas of speech acoustics, speech production and perception, psychoacoustics, and speech and hearing physiology.

CMSD 576. Instrumentation II. 1 Unit.
Guides students through practical application of theoretical information acquired in CMSD 575 regarding speech instrumentation. Individually paced, with guided assistance, so that student can complete competency on selected speech instrumentation.

CMSD 577. Bilingualism and Biculturalism. 2 Units.
Addresses the clinical competencies and cultural sensitivity needed for dealing with bicultural and bilingual clients. Discusses the impact of such knowledge on assessment and intervention. In addition to scheduled classes, students required to meet monthly to discuss application to clinical populations.

CMSD 578. Seminar in Professional Aspects of Speech-Language Pathology. 3 Units.
Emphasizes ethical, business, and legislative considerations in speech-language pathology. Students develop a professional resume and practice interviewing. Covers professional issues such as advocacy, clinical supervision, and diversity.

CMSD 580. Educational Fieldwork I. 1 Unit.
Initial supervised therapy on the elementary and/or secondary level and/or in a classroom for the severely language-handicapped child.

CMSD 586. Counseling in Communication Disorders. 3 Units.
Explores the counseling role of the speech-language pathologist and identifies clinician responsibilities in working with individuals of different cultures, ethnicity, gender, age, and belief systems.

CMSD 587. Educational Fieldwork II. 8 Units.
Supervised therapy on the elementary and/or secondary level and/or in a classroom for the severely language-handicapped child.

CMSD 588. Remediation/Advanced Directed Teaching. 1 Unit.
For students who have not successfully completed CMSD 588. Requires remediation or completion of clinical skills necessary for work in the public schools. Prerequisite: CMSD 588.

CMSD 596. Medical Fieldwork I. 1 Unit.
Initial supervised clinical practice in a medical center, rehabilitation facility, or skilled nursing facility.

CMSD 599. Remediation/Externship. 1 Unit.
For students who have not successfully completed CMSD 597. Requires remediation or completion of clinical skills necessary for work in medical settings. Prerequisite: CMSD 597.

CMSD 679. Seminar: Motor Speech Disorders/Augmentative Communication. 3 Units.
Problem-based learning seminar that focuses on etiology, characteristics, evaluation, and treatment of motor speech disorders, including the dysarthrias and apraxia.

CMSD 682. Seminar: Traumatic Brain Injury. 3 Units.
Explores pathophysiology, diagnosis, and rehabilitation of cognitive communication disorders in children and adults with traumatic closed-head injuries. Lecture and discussion format emphasizes reading current professional literature and developing skills in formal and informal assessment and functional treatment.

CMSD 684. Seminar: Adult Language Disorders. 3 Units.
Problem-based learning seminar that focuses on etiology, characteristics, evaluation, and treatment of acquired adult language disorders.

CMSD 685. Seminar: Stuttering. 3 Units.
Provides practical instruction in assessment and remediation with individuals who stutter and/or clutter.

CMSD 687. Seminar: Open Seminar. 1-3 Units.

CMSD 687A. Seminar: Open Seminar. 1 Unit.
Facilitates students' advanced study of current issues in the diagnosis and treatment of communication disorders.

CMSD 687B. Seminar: Open Seminar. 1 Unit.
Facilitates students' advanced study of current issues in the diagnosis and treatment of communication disorders.

CMSD 688. Seminar: Speech Sound Disorders - Advanced. 3 Units.
Typical development of phoneme acquisition and use. Explores etiology, characteristics, assessment and treatment of articulation and phonological disorders and differences in children.

CMSD 697. Research. 1-4 Units.

CMSD 698. Thesis. 1-6 Units.

CMSD 699. Directed Study. 1-3 Units.
Independent study on a research project selected in consultation with the advisor. For advanced students. May be repeated once. Student's transcript will show specific area of study, for example: SPPA 699 Directed Study: Adult Language Disorders.