Communication Disorders - CMDS

Courses

CMDS 2500/2503 COMMUNICATION DISORDERS IN SOCIETY (2) LEC. 2. Information on stuttering, speech, language, voice disorders and hearing impairment and how to interact with individuals with communication disorders.

CMDS 3000 INTRODUCTION TO SPEECH PATHOLOGY-AUDIOLOGY (3) LEC. 3. Survey of the field of speech pathology-audiology. Includes history of the profession, the inter-relatedness of the various pathologies, general principles of evaluation and therapy and the profession itself.

CMDS 3400 ANATOMY AND PHYSIOLOGY OF SPEECH (3) LEC. 3. The study of anatomy and physiology of speech production including respiratory, laryngeal and articulatory-resonance systems and the process swallowing. Speech acoustics will be introduced.

CMDS 3410 PHONETICS (3) LEC. 3. Principles of phonetics and their application to speech.

CMDS 3560 NEUROANATOMY FOR COMMUNICATION DISORDERS (3) LEC. 3. Anatomy and physiology of the central nervous system as it relates to speech, language, hearing and swallowing function and disorders.

CMDS 4400 ADULT NEUROGENIC COMMUNICATION DISORDERS (3) LEC. 3. Study of the disorders of speech, language, and swallowing in adults occurring as a result of CNS pathologies and their evaluation and treatment.

CMDS 4510 ARTICULATION DISORDERS (3) LEC. 3. Principles of normal and deviant articulation acquisition.

CMDS 4520 LANGUAGE ACQUISITION (3) LEC. 3. First language acquisition in childhood and its change throughout the life span.

CMDS 4530 FLUENCY DISORDERS (3) LEC. 3. Departmental approval. Principles of fluent and disfluent verbal behavior.

CMDS 4540 VOCAL DISORDERS (3) LEC. 3. Principles of normal and deviant vocal behavior.

CMDS 4560 CHILD AND ADOLESCENT LANGUAGE DISORDER (3) LEC. 3. Pr. CMDS 4520. Departmental approval. Overview of research dealing with the nature, assessment and treatment of language disorders in child and adolescent populations.

CMDS 4580 INTRODUCTION TO CLINICAL PROCEDURES IN SPEECH-LANGUAGE PATHOLOGY (3) LEC. 3, CLN/LEC. 30. Pr. CMDS 4510 and CMDS 4520. Orientation to clinical activities, management methods and preparation of professional reports.

CMDS 4600 INTRODUCTION TO AUDIOLOGY (3) LEC. 3. Principles of auditory reception and the problems involved in measuring, evaluating and conserving hearing.

CMDS 4620 HEARING REHABILITATION (3) LEC. 3. Pr. CMDS 4600. Departmental approval. Rehabilitation problems of children and adults in the area of auditory training, speech reading and speech conservation; includes clinical practice.

CMDS 4650 INTRODUCTION TO CLINICAL PROCEDURES IN AUDIOLOGY (3) LEC. 3. Pr. CMDS 4600. Audiological instrumentation and test procedures.

CMDS 4910 CLINICAL PRACTICUM IN SPEECH-LANGUAGE PATHOLOGY (1) PRA. 1. Pr. CMDS 4580. Departmental approval.. Course may be repeated for a maximum of 2 credit hours.

CMDS 4930 DIRECTED STUDY IN COMMUNICATION DISORDERS (1-3) IND. Departmental approval. Directed learning experience in communication disorders involving bibliographic research, writing, gaining expertise with laboratory/clinical procedures or conducting directed research. Course may be repeated for a maximum of 6 credit hours.

CMDS 4967 HONORS SPECIAL PROBLEMS (1-3) IND. Pr. Honors College. Departmental approval.. Course may be repeated for a maximum of 3 credit hours.

CMDS 4997 HONORS THESIS (1-3) RES. Pr. Honors College. Course may be repeated for a maximum of 6 credit hours.

CMDS 5810 PRIVATE PRACTICE (3) LEC. 3. Concepts and strategies for private practice in the areas of clinical and industrial audiology.

CMDS 7500 CLINICAL PROBLEMS IN SPEECH (1) PRA. 1. Pr. CMDS 4580 and CMDS 4910. Clinical practicum in evaluation and treatment of individuals with speech-language disorders. Course may be repeated for a maximum of 4 credit hours.
CMDS 7510 ADVANCED ARTICULATION/PHONOLOGICAL DISORDERS (3) LEC. 3. Pr. CMDS 4510. Empirical and theoretical bases for articulatory pathologies.

CMDS 7520 LANGUAGE DISORDERS: BIRTH TO FIVE (3) LEC. 3. Empirical and theoretical bases for evaluation and treatment of language disorders for the birth to five population.

CMDS 7530 ADVANCED FLUENCY DISORDERS (3) LEC. 3. Pr. CMDS 4530. Empirical and theoretical bases for dysfluency disorders, diagnoses and therapies.

CMDS 7540 ADVANCED VOICE DISORDERS (3) LEC. 3. Pr. CMDS 4540. Empirical and theoretical bases for voice pathologies, diagnoses and therapies.

CMDS 7550 ADULT APHASIA (3) LEC. 3. Pr. CMDS 4520. Empirical and theoretical bases for adult language disorders associated with CNS pathologies, diagnoses and therapies.

CMDS 7560 CRANIOFACIAL ANOMALIES (3) LEC. 3. A review of syndromic and non-syndromic craniofacial disorders including cleft lip/palate. Assessment and treatment of speech and language problems associated with these anomalies is emphasized.

CMDS 7570 EVALUATION OF RESEARCH IN SPEECH PATHOLOGY AND AUDIOLOGY (3) LEC. 3. Survey of experimental designs and statistical procedures used in speech-language pathology/audiology literature for consumers of research.


CMDS 7600 CLINICAL PROBLEMS IN HEARING (2) LEC. 2. Pr. CMDS 4650 and CMDS 4600 and CMDS 4620. Course may be repeated for a maximum of 12 credit hours.

CMDS 7700 CLINICAL PROBLEM SOLVING I (2) LEC. 2. This course will help students develop problem-solving skills that can be applied to clinical practice in Speech-Language Pathology.

CMDS 7720 CLINICAL PROBLEM SOLVING II (2) LEC. 2. This course will promote advanced problem-solving skills that can be applied to clinical practice in Speech-Language Pathology.

CMDS 7740 CLINICAL PROBLEM SOLVING III (2) LEC. 2. This course will promote advanced problem-solving skills that can be applied to clinical practice in Speech-Language Pathology.

CMDS 7810 MOTOR SPEECH DISORDERS (3) LEC. 3. Pr. CMDS 7800. Empirical and theoretical bases for motor speech disorders, diagnoses and therapies.

CMDS 7820 DYSPHAGIA (3) LEC. 3. Pr. CMDS 7800. The role of speech-language pathology in diagnosing and treating swallowing disorders in children and adults. Emphasis will be placed upon clinical and instrumental assessment and treatment strategies.

CMDS 7840 AUGMENTATIVE AND ALTERNATIVE COMMUNICATION (3) LEC. 3. Process and specific equipment involved in assessment, prescription and intervention with adults and children who are unable to use traditional communication modes.

CMDS 7860 SPEECH SCIENCE (3) LEC. 3. Pr. CMDS 3550. Acoustic properties of speech, physiology and perception of the speech signal, and an orientation to instrumentation used in speech science.

CMDS 7920 INTERNSHIP IN SPEECH-LANGUAGE PATHOLOGY (5) LEC. 5. SU. Completion of all academic course work. Successful completion of comprehensive exams or enrollment in graduate thesis. Course may be repeated for a maximum of 10 credit hours.

CMDS 7930 DIRECTED STUDIES (1-3) IND. Conferences, readings, research or reports in a specialized area of communication disorders. Course may be repeated for a maximum of 3 credit hours.

CMDS 7970 SPECIAL TOPICS SEMINAR (1-3) SEM. Advanced treatment of contemporary topics and trends, as well as current research aspects of audiology and speech-language pathology. Course may be repeated for a maximum of 3 credit hours.

CMDS 7990 RESEARCH AND THESIS (1-5) MST. Course may be repeated with change in topics.

CMDS 8100 HEARING SCIENCE (3) LEC. 3. Pr. CMDS 4600 and CMDS 4620. Departmental approval. Introduction to instrumentation and calibration of audiometric equipment. Auditory perception in normal-hearing and hearing impaired listeners.
CMDS 8110 AUDITORY PHYSIOLOGY (3) LEC. 3. Pr. CMDS 4600. Departmental approval. Detailed study of the anatomy and physiology of the human auditory, and vestibular system over the lifespan.

CMDS 8120 AUDIOLOGY CLINICAL METHODS (3) LEC. 3. Use of audiometric equipment, administering audiological tests, recording test results, and interpreting test findings, including otoscopy, and cerumen management.

CMDS 8200 DIAGNOSTIC AUDIOLOGY (3) LEC. 3. Pr. CMDS 4600 and CMDS 4650. Basic and advanced audiometric techniques to assess auditory system's site of lesion, including otoscopy, cerumen management, otoacoustic emissions and immittance.

CMDS 8210 MEDICAL ASPECTS OF HEARING DISORDERS (3) LEC. 3. Pr. CMDS 4600 and CMDS 4620. Departmental approval. Study of the disorders of hearing including their medical diagnosis, evaluation, and treatment.

CMDS 8220 AMPLIFICATION I (3) LEC. 3. Pr. CMDS 4600 and CMDS 4620. Departmental approval. Background and development of hearing aids and other amplification systems; performance standards and measurement techniques; selection, fitting and dispensing procedures.

CMDS 8230 CLINICAL LEVEL I (2) LEC. 2. Pr. CMDS 4650. Didactic and practical training for performing audiological testing and patient management including speech and language development and characteristics across lifespan.

CMDS 8300 CENTRAL AUDITORY PROCESSING (3) LEC. 3. Pr. CMDS 4600 and CMDS 4620. Selected clinical procedures in audiology, including electrophysiologic and behavioral tests of central auditory functioning.

CMDS 8310 AURAL REHABILITATION (3) LEC. 3. Pr. CMDS 4600 and CMDS 4620. Departmental approval. Psychosocial aspects on hearing loss; clinical and therapeutic management of older persons with hearing disorders including counseling of the hearing-impaired and their families.

CMDS 8320 CLINICAL LEVEL II (2) LEC. 2. Pr. CMDS 8230. Didactic and practical training in use of instrumentation for testing, programming, fitting and verifying amplification.

CMDS 8400 PEDIATRIC AUDIOLOGY (3) LEC. 3. Pr. CMDS 4600 and CMDS 4620. Departmental approval. Normal development of speech, language and hearing losses' effect on communication, etiologic factors, screening, audiologic assessment, differential diagnosis and clinical management.

CMDS 8410 AURAL HABILITATION (3) LEC. 3. Pr. CMDS 4600 and CMDS 4620. The parameters involved in the management of hearing-impaired school-aged children.

CMDS 8420 AMPLIFICATION II (3) LEC. 3. Pr. CMDS 8220. Review of recent trends in hearing aid technology including digital and programmable instruments.

CMDS 8430 CLINICAL APPLICATION OF DIAGNOSTIC AUDIOLOGY (2) LEC. 2. Pr. CMDS 8302. Didactic and practical training for selection, administration, and interpretation of behavioral and electrophysiologic tests, including auditory processing disorders.

CMDS 8500 ELECTROPHYSIOLOGICAL PROCEDURES IN AUDIOLOGY (3) LEC. 3. Pr. CMDS 4600 and CMDS 4620. Selected neurophysiological clinical procedures in audiology, including electronystagmography and auditory evoked potentials.

CMDS 8510 CLINICAL APPLICATION OF BALANCE ASSESSMENT (2) LEC. 2. Pr. CMDS 8230 and CMDS 8320 and CMDS 8430. Didactic and practical training for selecting, conducting, and interpreting tests to identify disorders of balance and other auditory related systems.

CMDS 8520 HEARING CONSERVATION (3) LEC. 3. Pr. CMDS 8310. Studies the effects of noise on auditory system and implementation of hearing conservation programs in industry, schools and the military.

CMDS 8570 EVALUATION OF RESEARCH IN AUDIOLOGY (3) LEC. 3. Survey of experimental designs and statistical procedures used in audiology research.

CMDS 8600 BALANCE DISORDERS (3) LEC. 3. Pr. CMDS 4600 and CMDS 4620. Detailed coverage of the assessment and treatment of patients with balance disorders using nystagmography and other techniques.

CMDS 8610 IMPLANT TECHNOLOGY (3) LEC. 3. Detailed study of the assessment and treatment of patients with cochlear implants.

CMDS 8620 OUTCOME MEASURES IN AUDIOLOGY (3) LEC. 3. Pr. CMDS 6120. Application of research methodology to demonstrate efficacy in clinical service delivery in all areas of audiolologic practice.
CMDS 8630 COUNSELING IN AUDIOLOGY (3) LEC. 3. Advanced course in the counseling component of rehabilitative audiology.

CMDS 8700 PROFESSIONAL ISSUES (3) LEC. 3. Legal and ethical issues in clinical audiology.

CMDS 8800 THE NEUROLOGICAL BASES OF COMMUNICATION DISORDERS (3) LEC. 3. Anatomy and physiology of the central nervous system as it relates to speech, language and hearing function and disorders.

CMDS 8810 PRIVATE PRACTICE (3) LEC. 3. Concepts and strategies for private practice in the areas of clinical and industrial audiology.

CMDS 8910 CLINICAL PRACTICE IN AUDIOLOGY (2) LEC. 2. Pr. CMDS 4650 and CMDS 4600. Departmental approval. Clinical practicum involving evaluation and management of patients of all ages with disorders of auditory, vestibular, and other auditory related systems.

CMDS 8920 CLINICAL INTERNSHIP (5) INT. 5. SU. Pr. CMDS 8910. Intensive clinical experience at off-campus setting up to 20 hours per week of supervised practicum.

CMDS 8940 CLINICAL RESIDENCY (6) INT. 6. SU. Pr. CMDS 8920. A full time, supervised, nine month residency at an off-campus facility that provides audiological services. Fall, Spring.

CMDS 8950 AUDIOLOGY GRAND ROUNDS (3) LEC. 3. Discussion/Seminar in timely clinical issues in audiology, clinical problem solving and case studies in contemporary audlogic service delivery.

CMDS 8980 CAPSTONE PROJECT (1) IND. 1. A third year project involving applied clinical research or development of an innovative clinical procedure.