

State University of New York at Geneseo
Department of Communicative Disorders and Sciences

Graduate Course Descriptions

CDSc 420 Advanced Clinical Intervention

An introduction to the graduate clinical experience and the mechanics of the clinical process, the course reviews data collection, report writing, goal selection, record-keeping, and behaviour management techniques. Other topics include clinical procedures, goal identification, outcome-based intervention, lesson plans, ASHA Code of Ethics and certification, NYS licensure and teachers' certification, current professional issues, and research and technology. Practical application with a range of clinical populations will be accomplished in the College Speech and Hearing Clinic. Prerequisites: CDSC 330 and CDSC 331 or their equivalent. Credits: 3(2-2) Offered every summer

CDSc 421 Diagnosis of Speech and Language Disorders

Designed to increase knowledge regarding evaluation procedures and to increase the rationale for appropriate test selection to evaluate specific speech and language characteristics of children and adults. Interviewing techniques, case history, goal setting, and report writing will also be included. This course addresses issues pertaining to normal and abnormal human development and behavior across the life span and in culturally diverse populations. Credits: 3(3-0) Offered every summer

CDSc 423 Craniofacial Anomalies

Etiology, types, associated problems, measurement of speech characteristics and therapeutic considerations for children and adults with cleft palate are considered in detail. Other craniofacial disorders involving oral structures, such as glossectomy, are also considered as they affect speech. Attention is given to surgical, orthodontic, and prosthetic treatment for remediation of the physical anomalies. This course addresses issues pertaining to normal and abnormal human development and behavior across the life span. Credits: 3(3-0) Offered every summer

CDSc 434 Neurological Bases of Communication

Anatomy and physiology of the central and peripheral nervous system will be described with emphasis on the neurological mechanisms involved in the productive and receptive aspects of human communication. Consideration will be given to various neuropathologies including brain, spinal cord, and cranial nerve lesions affecting human communication. Credits: 3(3-0) Offered every spring

CDSc 435 Research Design in Communicative Disorders

Scientific principles of research are considered, with a focus on evaluation of the internal and external validity of various designs and the organization and analysis of empirical data. Application of these principles is made through review and analysis of current research in communication sciences and disorders. Credits: 3(3-0) Offered every fall

CDSc 436 Communicative Disorders Research

Students complete the NIH Human Participant Protection education for Research Teams online and then participate in the design, execution, and analysis of an empirical research project in communicative disorders under faculty supervision in the departmental laboratory or clinic. Prerequisites: CDSC 435 or permission of the instructor. Credits: 3(1-4)

CDSc 443 Advanced Articulation and Phonology Intervention

An in-depth study of childhood articulation and linguistically rule-based phonological disorders. Emphasis is on causes and characteristics, formal and informal assessment, and structured and conversational intervention. This course addresses issues pertaining to normal and abnormal human development and behavior across the life span and in culturally diverse populations. Credits: 3(3-0) Offered every spring

CDSc 445 Severe Language Impairment

An in-depth study is made of formal and informal language assessment and intervention procedures (including augmentative/alternative communication) for preverbal and early verbal individuals, with emphasis on infants. Severe language delays and disorders are also discussed. Intervention techniques include essential presymbolic, social/communication and language skills, and augmentative/alternative modes of communication. This course addresses issues pertaining to normal and abnormal human development and behavior across the life span. Credits: 3(3-0) Offered every fall

CDSc 447 Language Disorders in Children

An in-depth study of childhood language disorders, emphasizing pragmatics, semantics, syntax, and morphology. After reviewing causes of and disorders related to language impairment and the characteristics of each, the course will present formal and informal assessment, and structured and conversational intervention. This course addresses issues pertaining to normal and abnormal human development and behavior across the life span and in culturally diverse populations. Credits: 3(3-0) Offered every spring

CDSc 449 Speech & Language Disorders in Diverse Populations

Intervention with individuals with a variety of communication impairments varies with their linguistic and cultural background. The course targets learning strategies for various interventions and modifications needed based on culture, ethnicity and native language. Naturally, we will be concerned with providing services in an effective, ethical, legal, safe manner and reflecting Evidence-based Practice. Prerequisites: Graduate or junior/senior status. Credits: 3(3-0) Offered every fall

CDSc 452 Pediatric Audiology

A comprehensive study is pursued of the current knowledge of the auditory problems of children. Emphasis is placed on the rationale, purposes, procedures, and techniques for the audiometric evaluation of children from birth to secondary school age. Audiological management of children with hearing impairment, in both regular and special classroom, will be considered. This course addresses issues pertaining to normal and abnormal human development and behavior across the life span and in culturally diverse populations. Prerequisites: CDSC 258 or equivalent. Credits: 3(3-0) Offered alternate spring semesters

CDSc 455 Educational Audiology

Provides an intensive study of the problems that children with hearing impairments have in educational settings. Emphasis is placed on identification of hearing loss and middle ear disease in school populations, hearing conservation programs, classroom acoustics, educational amplification, assistive listening devices, speech and language problems of those with hearing impairment, and special and mainstreamed educational programming. This course addresses issues pertaining to normal and abnormal human development and behavior across the life span and in culturally diverse populations. Prerequisites: CDSC 361 or equivalent. Credits: 3(3-0) Offered alternate spring semesters

CDSc 465 Hearing Problems

Consideration of anatomical and physiological consequences of various ear pathologies. The effects of these pathologies on perceptual measures of auditory behavior and physical measures of auditory function are then examined. Special consideration is given to hearing conservation programs in schools and in industrial and military settings. Credits: 3(3-0) Offered every fall

CDSc 470 Counseling in Communicative Disorders

Counseling principles and methodologies and their application to the field of communicative disorders are explored. The course will consider counseling theories, the role of the speech/language pathologist and audiologist as a counselor, and application of counseling approaches to various populations with communicative disorders. This course addresses issues pertaining to normal and abnormal human development and behavior across the life span and in culturally diverse populations. Credits: 3(3-0) Offered every fall

CDSc 519 Fluency Disorders

History, etiological considerations, symptomatology, diagnosis, and therapy of fluency disorders are carefully analyzed. Research studies and modern published contributions to theory and therapy are studied. This course addresses issues pertaining to normal and abnormal human development and behavior across the life span. Credits: 3(3-0) Offered every spring

CDSc 522 Neurogenic Speech Disorders

Etiology, types, symptoms, and treatment of speech disorders caused by central nervous system diseases are considered in detail. Special consideration is given to the inter-disciplinary approach to treatment of communication problems of these individuals and to the use of augmentative communication systems. This course addresses issues pertaining to normal and abnormal human development and behavior across the life span Prerequisites: CDSC 434. Credits: 3(3-0) Offered every fall

CDSc 526 Voice Disorders and Alaryngeal Speech

Types, etiologies, pathologies, restorative procedures, and therapy for voice disorders are considered. Special attention is paid to psychological factors contributing to certain voice problems. Laryngeal structure and function are studied and related to voice production with particular emphasis on acoustical research contributions. The teaching of alternative methods of communication for laryngectomized patients is also an integral part of the course. This course addresses issues pertaining to normal and abnormal human development and behavior across the life span. Credits: 3(3-0) Offered every summer

CDSc 527 Dysphagia

An in-depth study of the swallowing mechanism and of pediatric and adult swallowing disorders. This course emphasizes various etiologies, comprehensive assessment and intervention procedures and the role of the speech-language pathologist in a multidisciplinary team. This course addresses issues pertaining to normal and abnormal human development and behavior across the life span. Credits: 3(3-0)

CDSc 528 Augmentive and Alternative Communication (AAC)

This course will provide an in-depth exploration of the range of augmentative and alternative communication (AAC) applications available for individuals who are not able to communicate verbally as the result of a developmental or acquired disability. Detailed assessment procedures and intervention strategies will be presented which address such areas as vocabulary selection, page layout and organization, symbol assessment and selection, the range of access methods and the unique intervention challenges of each, positioning considerations and switch assessment strategies. The students will also experience a wide range of commercially available electronic communication devices ranging from simple to complex, and will have an opportunity to program and use some of them. Additionally, strategies and procedures required to fund electronic communication devices will also be addressed. Credits: 3(3-0) Offered every spring

CDSc 533 Clinical Instrumentation in Speech Disorders

Normal and impaired speech processes involving respiration, phonation, resonance, articulation, and speech perception will be considered. Speech production and perception will be investigated by the class in the speech science laboratory. Hands-on experience with the instrumentation necessary for speech measurement will be included. Credits: 3(2-2) Offered every summer

CDSc 541 Adult Language Disorders

Designed to increase understanding of communication characteristics of adults with the primary focus on evaluation and treatment of adults with aphasia. Course content also includes other selected geriatric communication problems with neurological bases, historical background, current issues, family and patient conferencing, and team approach to staffing adults with communication problems. This course addresses issues pertaining to normal and abnormal human development and behavior across the life span. Prerequisites: CDSC 434. Credits: 3(3-0) Offered every fall

CDSc 550 Advanced Clinical Audiology

An intensive study of differential diagnostic audiometry is pursued. Topics include pure tone and speech audiometry, masking, immittance (impedance and admittance) audiometry, and the battery for differentiation of cochlear and retrocochlear lesions of the auditory system (Bekesy, Tone Decay, SISI, and recruitment tests). Prerequisites: CDSC 258 or equivalent. Credits: 3(3-0) Offered when demand is sufficient

CDSc 570 Seminar: (topic)

Selected topics in speech-language pathology and audiology are presented. Topics are selected for discussion in accordance with changing demands of the field, new developments in assessment and intervention, and students' interests. May be taken more than once for credit. Grading is on S/U basis. Prerequisites: 1 Credits: 1(0-) Offered when demand is sufficient

CDSc 581 Clinical Practicum in Audiology

A variety of clinical experiences in audiology is obtained through assignment of cases in the College Speech and Hearing Clinic. Credits: 1(0-2)

CDSc 582 Clinical Practicum in Speech-Language Assessment

An introduction to diagnostic assessment of a variety of clinical disorders across the life span, this course addresses issues such as diagnostic planning, formal and informal assessment procedures and interpretation, data collection, team assessment, decision-making, and report writing. Through a variety of guided clinical experiences in the College Speech and Hearing Clinic, students obtain practical application of learned principles of assessment. Prerequisites: CDSC 420, CDSC 421, and CDSC 330 or its equivalent. Credits: 3(1-4)

CDSc 583 Clinical Practicum in Speech-Language Pathology

A variety of clinical experiences in remediation of speech-language disorders is obtained through assignment of cases in the College Speech and Hearing Clinic. Prerequisites: CDSC 330 and CDSC 331 or their equivalent. Credits: 1(0-2)

CDSc 585 Advanced Clinical Practicum in Speech Pathology

A wide variety of experiences is obtained through assignment of cases at various off-campus clinical affiliations. Prerequisites: CDSC 420, CDSC 421 and certification of 25 hours of observation of ASHA CCC holder. Credits: 3-6(3-6-0)

CDSc 586 Advanced Clinical Practicum in Audiology

A wide variety of experiences is obtained through assignment of cases at various off-campus clinical affiliations. Prerequisites: CDSC 550 and certification of 25 hours of observation of ASHA CCC holder. Credits: 3-6(3-6-0) Offered demand is sufficient

CDSc 587 Graduate Internship in Communication Disorders

An intensive clinical experience is obtained through assignment to an affiliated off-campus facility. Prerequisites: CDSC 420, CDSC 421 and certification of 25 hours of observation of ASHA CCC holder. Credits: 6(6-0)

CDSc 620 Thesis Research

Investigation of an individual nature on a pertinent and important research area with special emphasis carried out under the guidance of a graduate advisor. Credits: 6(6-0) Offered by individual arrangement