

# COMMUNICATION SCIENCES AND DISORDERS (CMSD)

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## **CMSD 301S. INTRODUCTION TO SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY. 3 Credits.**

This course provides an overview of speech, hearing and language development, disorders and remediation for students who may have an interest in this discipline as a career choice.

## **CMSD 304S. PHONETICS. 3 Credits.**

This course examines the motor and acoustic aspects of speech production, description, and classification of English phonemes, and broad transcription using the International Phonetic Alphabet (IPA).

## **CMSD 320S. SPEECH AND HEARING SCIENCES. 3 Credits.**

**Pre-requisites:** completion of Natural Science BACRs or permission of the instructor.

This course is a study of acoustics and psychoacoustics of speech and hearing.

## **CMSD 321S. ANATOMY AND PHYSIOLOGY OF SPEECH PRODUCTION. 3 Credits.**

**Pre-requisites:** completion of Natural Science BACRs or permission of the instructor.

This course is a study of anatomy, physiology and physics as related to speech and voice production.

## **CMSD 331S. LANGUAGE AND LITERACY DEVELOPMENT. 4 Credits.**

**Pre-requisites:** admission to the Communication Sciences Disorder program.

This course examines the basic principles and sequences of language and literacy development; methods of observing, measuring, and describing children's acquisition of language.

## **CMSD 350S. INTRODUCTION TO AUGMENTATIVE AND ALTERNATIVE COMMUNICATION. 2 Credits.**

**Pre-requisites:** CMSD 301S, CMSD 331S.

This course is an introduction to augmentative and alternative communication systems for individuals with complex communication needs. The course focuses on assessment, interventions and instructional strategies for children and adults with moderate to severe congenital or acquired disorders in speech and language.

## **CMSD 357S. LANGUAGE IMPAIRMENT. 3 Credits.**

**Pre-requisites:** CMSD 301S, CMSD 331S or permission of the instructor.

This course addresses the measurement as well as analysis of developing language as well as etiology, assessment and intervention for developmental language disorders.

## **CMSD 358S. SPEECH SOUND DISORDERS. 3 Credits.**

**Pre-requisites:** CMSD 301S and CMSD 304S or permission of the instructor.

This course describes normal phonological and articulatory development as well as the etiology, assessment and intervention of articulation and phonological disorders

## **CMSD 371S. HEARING AND HEARING DISORDERS. 3 Credits.**

**Pre-requisites:** admission to the Communication and Sciences Disorders Program.

This course is a study of aural anatomy and physiology, as well as audiometry principles and practices. It focuses on etiology, pathology, assessment, and treatment of hearing impairment.

## **CMSD 400S. FOUNDATIONS OF PUBLIC HEALTH. 3 Credits.**

**Cross-listed:** HSCI 400S, DNHY 400S.

**Pre-requisites:** acceptance into Communication Sciences, Dental Hygiene, or Health Science programs.

This course introduces students to the fundamentals of public health. A particular focus is on the determinants of health, health inequalities, and cultural issues in public health.

## **CMSD 402S. CURRENT ISSUES IN THE HEALTH ARENA. 3 Credits.**

**Cross-listed:** HSCI 402S, DNHY 402S.

**Pre-requisites:** acceptance into Communication Sciences, Dental Hygiene, or Health Science programs.

This course is designed to respond to the changing health environment and identifies current topics and issues as discussion foci.

## **CMSD 405S. SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY IN THE SCHOOL. 3 Credits.**

**Pre-requisites:** permission of the instructor and fulfillment of additional state requirements.

This course ideally precedes the student teaching experience. Information is provided about the special issues and problems encountered by professional practice in the public school setting.

## **CMSD 422S. NEUROANATOMY. 3 Credits.**

**Pre-requisites:** CMSD 321S.

This course is a study of the normal anatomy and physiology of the nervous system and its role in communication processes.

## **CMSD 437S. PROFESSIONAL ISSUES IN SPEECH-LANGUAGE PATHOLOGY. 3 Credits.**

**Pre-requisites:** admission to the Communication and Sciences Disorders Program.

This course addresses the roles and responsibilities of speech-language pathologists and speech-language pathology assistants across employment settings. Foci include client rights, professional and ethical behaviors, and scopes of practice as specified by the American Speech-Language-Hearing Association (ASHA).

## **CMSD 441S. ASSESSMENT OF SPEECH AND LANGUAGE. 2 Credits.**

**Pre-requisites:** CMSD 301S, CMSD 304S, CMSD 331S, CMSD 357S, CMSD 358S.

This course addresses the principles and techniques for assessing communication disorders, including formal and informal assessment methods, practical experience in test administration, theoretical and ethical issues, and the relationship of assessment to treatment.

## **CMSD 442S. INTERVENTION FOR SPEECH AND LANGUAGE DISORDERS. 3 Credits.**

**Pre-requisites:** senior standing or permission of instructor.

This course addresses the development of intervention plans, including intervention strategies and rationale, construction of daily therapy plans, methods for data collection, and interpretation and evaluation of therapy outcomes.

## **CMSD 451S. NEUROGENIC COMMUNICATION DISORDERS. 3 Credits.**

**Pre-requisites:** CMSD 422S or permission of the instructor.

This course provides an introduction to the etiology, assessment and intervention of communication disorders associated with neurological disorders.

**CMSD 453S. SERVICE LEARNING I FOR COMMUNICATION SCIENCES AND DISORDERS. 1 Credit.****Notes:** graded Pass/Fail.**Pre-requisites:** permission of the instructor.

This course provides an overview of service learning in the field of communication sciences and disorders. Students examine and apply knowledge of service learning through critical reflection and discussion of experiences in the community to which they are assigned.

**CMSD 454S. SERVICE LEARNING II FOR COMMUNICATION SCIENCES AND DISORDERS. 1 Credit.****Notes:** graded Pass/Fail.**Pre-requisites:** CMSD 331S.

This course provides an overview of service learning in the field of communication sciences and disorders. Students examine and apply knowledge of service learning through critical reflection and discussion of experiences in the community to which they are assigned.

**CMSD 455S. VOICE AND RESONANCE DISORDERS. 3 Credits.****Pre-requisites:** CMSD 321S.

This course addresses the anatomy and physiology of the vocal mechanism with an overview of functional, congenital, and acquired voice disorders.

**CMSD 456S. FLUENCY DISORDERS. 3 Credits.****Pre-requisites:** senior standing or permission of the instructor.

This course provides definitions and descriptions of fluency disorders, discussing their effects on the speaker and listener. It examines various theories of the etiology of stuttering as well as its assessment and treatment in children and adults.

**CMSD 461S. CLINICAL METHODS. 2 Credits.****Pre-requisites:** senior standing or permission of the instructor.

Students observe communication disorders assessment and intervention. Students are introduced to the essential ingredients of good therapy. Skills are introduced and discussed in a classroom setting and reinforced through guided observation of speech-language and audiological assessment and intervention services within a clinical setting.

**CMSD 466S. MULTICULTURAL CONSIDERATIONS IN COMMUNICATION SCIENCES AND DISORDERS. 2 Credits.****Pre-requisites:** CMSD 441S.

This course addresses overarching principles regarding the impact of culture on communication. The course content includes general information regarding speech-language development and disorders across cultural groups, as well as sociocultural influences on communication, assessment and intervention practices for individuals with communication disorders.

**CMSD 473S. AURAL REHABILITATION. 2 Credits.****Pre-requisites:** CMSD 371S or permission of the instructor.

This course introduces students to the theories and procedures used to provide aural rehabilitation and habilitation to children and adults who have hearing loss, and their family members.

**CMSD 480S. INTRODUCTION TO RESEARCH IN COMMUNICATION DISORDERS. 3 Credits.****Pre-requisites:** senior standing.

This course provides an overview of research methodology in the field of communication disorders. It is designed to familiarize the student with basic elements of reading, understanding, and evaluating research. The student learns about the scientific method, the difference between basic and applied research, and important terms used in the research process.

**CMSD 483S. CLINICAL PARTNERSHIP. 1 Credit.****Pre-requisites:** permission of the instructor.

This course allows opportunities for undergraduates to interact with graduate student mentors in clinical opportunities.

**CMSD 487S. PRINCIPLES AND POLICIES OF HEALTHCARE MANAGEMENT. 3 Credits.****Cross-listed:** DNHY 487S, HSCI 487S.**Pre-requisites:** acceptance into Communication Sciences, Dental Hygiene, or Health Science programs.

Management and policy creation for healthcare programs and businesses, specific disciplines in healthcare are discussed according to student needs.

**CMSD 488S. RELATIONSHIP, ETHICS AND COMMUNICATION IN HEALTHCARE. 3 Credits.****Cross-listed:** DNHY 488S, HSCI 488S.**Pre-requisites:** acceptance into Communication Sciences, Dental Hygiene, or Health Science programs.

Overarching themes of cultural diversity and global perspectives are employed in the application of theories and concepts of relationship building, ethics and communication for the healthcare provider.

**CMSD 490S. SENIOR CAPSTONE: PERSPECTIVES IN SPEECH-LANGUAGE PATHOLOGY. 3 Credits.****Pre-requisites:** senior standing or permission of the instructor.**Satisfies:** a university graduation requirement—senior capstone.

This course integrates knowledge students have acquired in the field of speech-language pathology and its application to issues affecting both professionals and individuals served. The course focuses on development of leadership, perspective taking, and professional presentation skills.

**CMSD 495S. INTENSIVE STUTTERING INTERVENTION: SSMP. 3 Credits.****Pre-requisites:** permission of the instructor, department chair and college dean.

The Successful Stuttering Management Program is an intensive clinical experience/seminar where students learn the foundation of Stuttering Modification Therapy as they work independently and collaboratively with other students and their supervisors. The Successful Stuttering Management Program is designed for adolescent and adult stutterers.

**CMSD 496S. EXPERIMENTAL. 1-3 Credits.**

Experimental.

**CMSD 497S. WORKSHOP, SHORT COURSE, CONFERENCE, SEMINAR. 1-3 Credits.****Notes:** graded Pass/Fail.

Workshop, short course, conference, seminar.

**CMSD 498S. SEMINAR. 1-6 Credits.**

Seminar.

**CMSD 499S. DIRECTED STUDY. 1-3 Credits.****Pre-requisites:** permission of the instructor, department chair and college dean.

This course is provided to allow the student to study a selected special topic within the discipline of communication disorders on an individual basis and under the direction of a program faculty member.

**CMSD 520S. INTRO TO RESEARCH. 2 Credits.****Pre-requisites:** graduate standing.

This course inaugurates the students research experience in the discipline. It emphasizes the importance of research to a scientific field and acquaints the student with the research literature.

**CMSD 538S. ADVANCED SPEECH SOUND DISORDERS AND ACQUISITION. 2 Credits.**

**Pre-requisites:** graduate standing or permission of the instructor.  
This course involves advanced study in the theoretical background of the acquisition and development of the phonological system. The relationship between the phonological system and disorders and remediation will also be discussed.

**CMSD 539S. SPECIAL TOPICS. 1-3 Credits.**

Special Topics.

**CMSD 540S. PEDIATRIC FEEDING AND SWALLOWING. 1 Credit.**

**Pre-requisites:** graduate standing or permission of the instructor.  
This course is a study of normal and atypical swallowing and feeding in infants and children.

**CMSD 542S. EARLY LANGUAGE DEVELOPMENT. 3 Credits.**

**Pre-requisites:** graduate standing or permission of the instructor.  
This course provides advanced study in communication and language development and disorders in infants, toddlers, and preschoolers by focusing on current theory, assessment and treatment.

**CMSD 543S. SCHOOL-AGE AND ADOLESCENT LANGUAGE. 3 Credits.**

**Pre-requisites:** graduate standing or permission of the instructor.  
This course covers the development of language in typically developing and language impaired school aged and adolescent students. Various language disorders are discussed with the implications for assessment and intervention.

**CMSD 545S. AUTISM SPECTRUM DISORDER. 2 Credits.**

**Pre-requisites:** CMSD 542S.  
This course is an overview and discussion of the characteristics, causes, assessment and intervention for persons with autism spectrum disorder (ASD).

**CMSD 547S. AUGMENTATIVE COMMUNICATION. 3 Credits.**

**Pre-requisites:** graduate standing or permission of the instructor.  
This course is an in-depth study of the use of augmentative and alternative methods of communication for persons with severe speech and/or language impairments.

**CMSD 550S. SPEECH-LANGUAGE PATHOLOGY IN THE SCHOOLS. 1 Credit.**

**Pre-requisites:** graduate standing or permission of the instructor.  
This course provides the minimum required credit hours of coursework related to laws, policy, and ethical issues involved in providing speech-language therapy services within the public education setting; helps prepare students for public school practicum; and fulfills partial requirements for educational staff associates (ESA) certification.

**CMSD 552S. NEUROGENIC DISORDERS OF LANGUAGE AND COGNITION I. 2 Credits.**

**Pre-requisites:** graduate standing or permission of the instructor.  
This is the first of a two-part series on assessing and treating acquired neurogenic disorders of language and cognition. In this course, students will gain knowledge and skills building toward competency in assessing and treating the acquired disorders of language: aphasia, primary progressive aphasia, alexia, and agraphia.

**CMSD 553S. VOICE AND RESONANCE. 2 Credits.**

**Pre-requisites:** graduate standing or permission of the instructor.  
This course provides information regarding the etiology and characteristics of disorders of the laryngeal and resonance systems. Assessment and treatment of loudness, pitch, vocal and resonance problems are presented.

**CMSD 554S. MOTOR SPEECH DISORDERS. 2 Credits.**

The purpose of this class is to develop an understanding of the anatomy and physiology of speech production, and assessment and treatment methods for motor speech disorders. Differential diagnoses will be stressed in discussion of etiology and basic characteristics of motor speech disorders.

**CMSD 555S. BILINGUAL AND CULTURAL ISSUES. 2 Credits.****CMSD 556S. PROBLEMS IN STUTTERING. 2 Credits.**

**Pre-requisites:** graduate standing or permission of the instructor.  
This course is an advanced study of current theories, issues, problems and treatment approaches in the area of stuttering.

**CMSD 557S. CLEFT PALATE AND OTHER CRANIO-FACIAL ABNORMALITIES. 2 Credits.**

**Pre-requisites:** graduate standing or permission of the instructor.  
This course examines the etiology and characteristics of cranio-facial anomalies and their effects on communication. Assessment and treatment of the speech problems associated with these disorders are also discussed.

**CMSD 558S. NEUROGENIC DISORDERS OF LANGUAGE AND COGNITION II. 3 Credits.**

**Pre-requisites:** graduate standing or permission of instructor.  
This is the second of a two-part series on assessing and treating acquired neurogenic disorders of language and cognition. In this course, students will gain knowledge and skills building toward competency in assessing and treating attention, memory, executive functioning, and social communication in people affected by brain injury, right hemisphere damage, concussion, mild cognitive impairment, and dementia.

**CMSD 559S. DYSPHAGIA. 3 Credits.**

**Pre-requisites:** CMSD 552S strongly recommended.  
This course presents the anatomy and physiology of swallowing as well as the evaluation and treatment of swallowing disorders.

**CMSD 560S. CLINICAL PREPARATION FOR SPEECH-LANGUAGE PATHOLOGISTS. 2 Credits.**

**Pre-requisites:** must be admitted to grad program.  
This course is designed to prepare students for their first clinic experience in speech-language pathology.

**CMSD 561S. CLINICAL PRACTICUM. 2-6 Credits.**

**Notes:** may be repeated for credit with permission of instructor up to 8 semester credits.  
This course provides students with practical clinical experience working with children and adults who present with various speech, language, hearing and swallowing disorders.

**CMSD 563S. SPECIAL CLINICAL PRACTICUM. 1-2 Credits.**

**Notes:** may be repeated with permission of instructor up to 6 semester credits.  
This course provides students with practical clinical experience working with children and adults who present with various speech, language, hearing and swallowing disorders.

**CMSD 564S. CLINICAL SIMULATIONS I. 2 Credits.**

This course provides graduate students with up to 75 supervised clinical practice hours using simulation technology.

**CMSD 565S. CLINICAL SIMULATIONS II. 2 Credits.**

**Pre-requisites:** CMSD 564S.  
This course provides graduate students with up to 75 supervised clinical practice hours using simulation technology.

**CMSD 568S. ADVANCED ASSESSMENT: PRINCIPLES AND PROCEDURES. 3 Credits.****Pre-requisites:** graduate standing.

This course is designed to facilitate the ability to gather, analyze and synthesize critical case information and make differential diagnoses of communication disorders. It includes independent problem-solving, consideration of diverse perspectives, development of treatment objectives from data and the writing of clinical reports.

**CMSD 570S. CLINIC I. 4 Credits.****Notes:** may be repeated for credit with permission of the instructor up to 8 semester credits.

This course provides students with practical clinical experience working with children and adults who present with various speech, language, hearing and swallowing disorders.

**CMSD 571S. CLINIC II. 3 Credits.****Notes:** may be repeated for credit with permission of the instructor up to 8 semester credits.**Pre-requisites:** CMSD 570S.

This course provides students with practical clinical experience working with children and adults who present with various speech, language, hearing and swallowing disorders.

**CMSD 572S. CLINIC III. 3 Credits.****Notes:** may be repeated for credit with permission of the instructor up to 8 semester credits.**Pre-requisites:** CMSD 570S, CMSD 571S.

This course provides students with practical clinical experience working with children and adults who present with various speech, language, hearing and swallowing disorders.

**CMSD 573S. CLINIC IV. 2-6 Credits.****Notes:** graded Pass/No Credit; may be repeated for credit with permission of instructor.**Pre-requisites:** CMSD 570S, CMSD 571S, CMSD 572S.

This course is an extension of clinical skills into both off- and/or on-campus clinical experiences, including practicum. Students will apply theoretical concepts to evaluation, treatment planning, and therapy services for communicatively disordered children and adults in community settings.

**CMSD 596S. EXPERIMENTAL. 1-3 Credits.**

Experimental.

**CMSD 597S. WORKSHOP, SHORT COURSE, CONFERENCE, SEMINAR. 1-3 Credits.****Notes:** only one workshop course for up to 3 credits may be used to fulfill graduate degree requirements.

Workshop

**CMSD 598S. SEMINAR. 1-3 Credits.****Pre-requisites:** graduate standing or permission of the instructor.

This course provides graduate level instruction in a specific content area in communication disorders utilizing a seminar format.

**CMSD 599S. INDEPENDENT STUDY. 1-4 Credits.****Pre-requisites:** permission of the instructor, department chair and college dean.

This course allows the student to engage in an independent study project in a selected field of communication disorders.

**CMSD 600S. THESIS. 1-8 Credits.****Pre-requisites:** permission of the instructor, department chair and college dean.

Under supervision of staff members, the graduate student organizes and formally writes and presents a research project in thesis form.

**CMSD 620S. RESEARCH IN COMMUNICATION DISORDERS I. 2 Credits.****Pre-requisites:** CMSD 520S.

This is the first of three courses designed to prepare the student to participate in basic and/or applied research in communication disorders. For this course, students will work with a faculty mentor to further refine the research idea developed in CMSD 520S. The culmination of this course will be: (1) the initial development of a literature review and methodology and (2) drafting and submission of IRB forms, as appropriate.

**CMSD 621S. RESEARCH IN COMMUNICATION DISORDERS II. 2 Credits.****Pre-requisites:** CMSD 620S.

This is the second of three courses designed to prepare the student to participate in basic and/or applied research in communication disorders. For this course, students will work with a faculty mentor to further refine the research idea developed in CMSD 620S. The culmination of this course will be a complete and thorough literature review and methodology for the student's proposed research. The initial collection of data may take place under this course.

**CMSD 622S. RESEARCH IN COMMUNICATION DISORDERS III. 2 Credits.****Notes:** this course is repeated in subsequent semesters until the thesis or research project is completed and successfully defended.**Pre-requisites:** CMSD 621S.

This is the third of three courses designed to prepare the student to participate in basic and/or applied research in communication disorders. The culmination of this course will be the collection of data (if applicable) and the development of either a thesis or poster to be defended at the end of the academic term in which this course is taken.

**CMSD 696S. COLLEGE TEACHING INTERNSHIP. 1-4 Credits.**

Teaching a lower division college course under supervision of a regular faculty member. Includes course planning, arranging bibliographical and other instructional aids, conferences with students, experience in classroom instruction and student and course evaluation.

**CMSD 697S. CLINICAL FIELD EXPERIENCE. 1-10 Credits.****Notes:** graded Pass/No Credit.**Pre-requisites:** permission of the instructor, department chair and college dean.

This is an internship of one or more semesters of professionally supervised experience in a departmentally approved clinical setting, agency or institution. This course is typically taken as part of the Master of Science program, but can also be taken by individuals engaged in the speech-language pathology clinical fellowship (SLPCF) through the American Speech-Language-Hearing Association when sponsorship is provided by an Eastern Washington University faculty member.