## COMMUNICATION SCIENCES AND DISORDERS (CMSD)

See Course Description Symbols and Terms [(https://catalog.csuchico.edu/academic-standards-policies/course-description-symbols-terms/)] for an explanation of course description terminology and symbols, the course numbering system, and course credit units.

| CMSD 156 | Language and Culture of Deaf Americans | 3 Units | GE | Typically Offered: Fall and spring |
| CMSD 198 | Special Topics | 1-3 Units | | Typicaly Offered: Fall and spring |
| CMSD 220 | Introduction to Communication Disorders | 3 Units | | Typically Offered: Fall only |
| CMSD 290 | Phonetics | 3 Units | | Typically Offered: Fall only |
| CMSD 321 | Articulation and Phonology Disorders | 3 Units | | Typically Offered: Spring only |
| CMSD 341 | Voice and Fluency Disorders | 3 Units | | Typically Offered: Spring only |
| CMSD 351 | Language Development | 3 Units | | Typically Offered: Spring only |
| CMSD 360 | Anatomy and Physiology of Speech and Hearing Mechanisms | 3 Units | | Typically Offered: Fall only |
| CMSD 363 | Acoustics and Psychoacoustics of Speech | 3 Units | | Typically Offered: Spring only |
CMSD 389 Clinical Practicum 2 Units
Prerequisite: Majors only senior year; CMSD 362, CMSD 431.
Typically Offered: Fall and spring
Supervised experience in speech, language, or hearing rehabilitation in the on-campus clinic. Weekly group meetings will be scheduled. 6 hours supervision. (002154)
Grade Basis: Credit/No Credit
Repeatability: You may take this course for a maximum of 15 units
Course Attributes: Upper Division

CMSD 398 Special Topics 1-3 Units
Typically Offered: Fall and spring
This course is for special topics offered for 1.0-3.0 units. Typically the topic is offered on a one-time-only basis and may vary from term to term and be different for different sections. See the Class Schedule for the specific topic being offered. 3 hours supervision. (002156)
Grade Basis: Graded
Repeatability: You may take this course more than once
Course Attributes: Upper Division

CMSD 399 Special Problems 1-3 Units
Typically Offered: Fall and spring
This course is an independent study of special problems offered for 1.0-3.0 units. You must register directly with a supervising faculty member. 3 hours supervision. (002157)
Grade Basis: Credit/No Credit
Repeatability: You may take this course for a maximum of 6 units
Course Attributes: Upper Division

CMSD 431 Organic and Neurogenic Disorders of Communication 3 Units
Prerequisite: CMSD 321, CMSD 341, CMSD 351, CMSD 363.
Typically Offered: Fall only
This course examines the anatomy and physiology of normal speech and language production; and then proceeds into the pathology of, and remedial techniques for, the aphasias, disorders of the right hemisphere, traumatic brain injury, the dementias, dysarthrias (including cerebral palsy), dyspraxias, and swallowing disorders (including CAS and pediatric swallow). The relationships among the various disorders with attention to the multi-involved individuals, is explored. Collaboration with related allied service experts is described. 3 hours lecture. (002145)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division

CMSD 435W Diagnostic Methods in Speech-Language Pathology (W) 3 Units W, GW
Prerequisite: GE Written Communication (A2) requirement; CMSD 431, CMSD 440, CMSD 451, CMSD 488.
Corequisites: CMSD 470.
Typically Offered: Spring only
This course provides students the opportunity for introductory study of basic diagnostic procedures for formal and informal evaluation of communication disorders. A thorough exploration of standardized test construction and administration is covered, as well as less formal assessment tools such as language samples. The information presented includes an examination of methodologies for children and adults. Addresses important issues regarding the assessment of multicultural and multilingual clients. 3 hours lecture. (002158)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division; Writing Course; Graduation Writing Assessment

CMSD 440 Audiology 3 Units
Prerequisite: CMSD 321, CMSD 341, CMSD 351, CMSD 363.
Typically Offered: Fall only
This course provides a basic understanding of audiologic tests and procedures and of causes and effects of various hearing disorders. 3 hours lecture. (002159)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division

CMSD 441 Aural Rehabilitation 3 Units
Prerequisite: CMSD 431, CMSD 440, CMSD 451, CMSD 488.
Typically Offered: Spring only
This course deals with the implications of hearing loss on communication, education, and vocation, as well as psycho-social ramifications. Evaluation and remediation, including amplification and assistive devices, are discussed. 3 hours discussion. (002160)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division

CMSD 451 Child Language Disorders 3 Units
Prerequisite: CMSD 321, CMSD 341, CMSD 351, CMSD 363.
Typically Offered: Fall only
Lecture and discussion of types of language disabilities seen in children. The focus of this course is evaluation and remediation. 3 hours lecture. (002164)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division

CMSD 470 Clinical Methods in Speech-Language Pathology 3 Units
Prerequisite: CMSD 431, CMSD 440, CMSD 451, CMSD 488.
Corequisites: CMSD 435W.
Typically Offered: Spring only
This course emphasizes development of knowledge and skills prerequisite to clinical practice in speech-language pathology. Lecture and discussion on general treatment principles (learning and teaching), disorder-specific treatment techniques, report writing techniques, clinical problem-solving, cultural issues in treatment, professional requirements and ethics, etc. Direct observation of therapy is required. 3 hours lecture. (002167)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division

CMSD 488 Research Methods 3 Units
Prerequisite: CMSD 321, CMSD 341, CMSD 351, CMSD 363, MATH 105 (or equivalent).
Typically Offered: Fall only
This course enables students to demonstrate knowledge of the basic processes involved in research in communicative disorders; integrate research principles into evidence-based clinical practice; and demonstrate entry-level skills in reading, understanding, and evaluating research in communication sciences and disorders. 3 hours discussion. (002169)
Grade Basis: Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Upper Division
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Typically Offered</th>
<th>Prerequisite</th>
<th>Course Attributes</th>
<th>Grade Basis</th>
<th>Repeatability</th>
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<td>CMSD 498</td>
<td>Special Topics</td>
<td>1-3</td>
<td>Fall and spring</td>
<td>CMSD 501</td>
<td>Upper Division</td>
<td>Graded</td>
<td>You may take this course more than once</td>
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<td>CMSD 499</td>
<td>Special Problems</td>
<td>1-3</td>
<td>Fall and spring</td>
<td>CMSD 401</td>
<td>Upper Division</td>
<td>Graded</td>
<td>You may take this course for a maximum of 6 units</td>
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<td>CMSD 499H</td>
<td>Honors in Communication Sciences and Disorders</td>
<td>3</td>
<td>Fall only</td>
<td>CMSD 400</td>
<td>Upper Division</td>
<td>Graded</td>
<td>You may take this course for a maximum of 6 units</td>
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<td>CMSD 500</td>
<td>Roles and Responsibilities of the Speech-Language Pathology Assistant</td>
<td>3</td>
<td>Summer session only</td>
<td>CMSD 501</td>
<td>Upper Division</td>
<td>Graded</td>
<td>You may take this course for a maximum of 3 units</td>
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<tr>
<td>CMSD 501</td>
<td>Field Experience: Speech-Language Pathology Assistant</td>
<td>7</td>
<td>Fall only</td>
<td>CMSD 501</td>
<td>Upper Division</td>
<td>Graded</td>
<td>You may take this course for a maximum of 7 units</td>
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<tr>
<td>CMSD 543</td>
<td>Autism Spectrum Disorders and Behavioral Interventions</td>
<td>3</td>
<td>Fall only</td>
<td>CMSD 543</td>
<td>Upper Division</td>
<td>Graded</td>
<td>You may take this course for a maximum of 3 units</td>
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| Course Code | Course Title                                                                 | Units | Typically Offered | Course Attributes
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<tbody>
<tr>
<td>CMSD 630</td>
<td>Disorders of Articulation and Phonology</td>
<td>3</td>
<td>Fall only</td>
<td>Graduate Graded</td>
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<tr>
<td>CMSD 631</td>
<td>Fluency Disorders and Counseling in CMSD</td>
<td>2</td>
<td>Fall only</td>
<td>Graduate Graded</td>
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<tr>
<td>CMSD 632</td>
<td>Clinical Foundations and Experimental Design in CMSD</td>
<td>1</td>
<td>Fall only</td>
<td>Graduate Graded</td>
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<tr>
<td>CMSD 633</td>
<td>Professional Aspects of Communication Sciences and Disorders</td>
<td>3</td>
<td>Spring only</td>
<td>Graduate Graded</td>
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<tr>
<td>CMSD 635</td>
<td>Voice and Resonance Disorders</td>
<td>3</td>
<td>Spring only</td>
<td>Graduate Graded</td>
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<tr>
<td>CMSD 640</td>
<td>Assessment and Management of Auditory Disorders</td>
<td>3</td>
<td>Fall only</td>
<td>Graduate Graded</td>
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<tr>
<td>CMSD 642</td>
<td>Motor Speech Disorders</td>
<td>3</td>
<td>Spring only</td>
<td>Graduate Graded</td>
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<tr>
<td>CMSD 645</td>
<td>Augmentative and Alternative Communication</td>
<td>3</td>
<td>Spring only</td>
<td>Graduate Graded</td>
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This course enables students to describe the characteristics, classifications, causes and manifestations of articulation/phonological disorders; describe the principles of assessment and assessment procedures; describe concepts, principles, and approaches to remediation, including both "traditional" and phonologic approaches; explain the scientific underpinnings of the study of speech sound disorders and the ability to integrate theories and research to clinical practice; and demonstrate clinical problem solving skills in assessment, analysis, and development of intervention plans for persons with speech sound disorders. 3 hours seminar. (002175)

Grade Basis: Graduate Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Graduate Division

This course provides students with the opportunity for advanced study of the etiology, symptomatology, diagnosis, and treatment of fluency disorders. Students learn to apply counseling principles and techniques to clinical practice that can be useful for expanding their clinical effectiveness. Measurement of primary and secondary stuttering behaviors and related client feelings and attitudes are discussed. Course includes a comprehensive examination of intervention strategies for use with children and adults who stutter, along with counseling techniques also applicable to the broader community with communication disorders. 2 hours seminar. (002176)

Grade Basis: Graduate Graded
Repeatability: You may take this course for a maximum of 2 units
Course Attributes: Graduate Division

This course provides students with the skills to become active diagnosticians and clinicians in the field of speech-language pathology. Students learn how to generate single-subject experimental designs that apply baseline and treatment segments to collect data to assess the variables of interest. Students locate and critically evaluate evidence-based, peer-reviewed literature. 1 hour seminar. (002177)

Grade Basis: Graduate Graded
Repeatability: You may take this course for a maximum of 1 unit
Course Attributes: Graduate Division

This course covers professional issues that affect speech-language pathology as a profession. Issues include professional practice, academic accreditation standards, national and state practice policies and guidelines, state and national certification, specialty recognition and other relevant professional credentials, and reimbursement issues. In addition, students demonstrate their knowledge of ASHA Code of Ethics and an ability to effectively solve clinical dilemmas. 3 hours lecture. (002178)

Grade Basis: Graduate Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Graduate Division

This course provides advanced study of the etiology, symptomatology, diagnosis, and rehabilitation of voice and resonance disorders. A thorough exploration of laryngeal and velar anatomy and biomechanics are covered, and measurement of objective and subjective vocal parameters are discussed in detail. Lectures and readings include a comprehensive examination of methodologies specific to children, adults, and the geriatric population. 3 hours seminar. (002180)

Grade Basis: Graduate Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Graduate Division

Advanced level course dealing with the assessment and management of persons with hearing impairment and auditory processing disorders. Practical experience obtained in audiologic screening and in development and implementation of community-based educational programs. 3 hours lecture. (002183)

Grade Basis: Graduate Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Graduate Division

This course examines the anatomy and physiology of the speech mechanism, and adult medical motor speech disorders. Specific course topics include various etiologies of motor speech disorders, the nature of motor speech disorders, screening techniques and assessments for motor speech disorders, and intervention approaches and management of motor speech disorders. Throughout the course, considerations for diverse and multicultural clinical populations as well as interdisciplinary collaboration with other clinical professionals will be discussed. Students in this course practice interpretation of clinical data and development of treatment plans based on clinical research studies (e.g., evidence-based practice). Counseling strategies are also introduced. 3 hours seminar. (002185)

Grade Basis: Graduate Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Graduate Division

This course provides students with the opportunity for study of the roles and responsibilities of the speech-language pathologist in the provision of augmentative and alternative communication (AAC) service delivery. The information presented includes AAC intervention across the lifespan and across cultures. 3 hours seminar. (002162)

Grade Basis: Graduate Graded
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Graduate Division
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CMSD 650  Swallowing Disorders  4 Units
Prerequisite: CMSD 620, CMSD 625.  
Typically Offered: Spring only
This course examines the anatomy and physiology of the swallowing mechanism across the lifespan, and disorders of swallowing and feeding in adult and pediatric populations. Specific course topics include various etiologies of swallowing disorders, the nature of swallowing dysfunction, screening techniques and assessments for swallowing disorders, and intervention approaches and management of swallowing disorders. Throughout the course, considerations for diverse and multicultural clinical populations as well as interdisciplinary collaboration with other clinical professionals will be discussed. Students in this course practice interpretation of clinical data and development of treatment plans based on clinical research studies (e.g., evidence-based practice). Counseling strategies are also introduced. 4 hours seminar. (022294)
Grade Basis: Graduate Graded
Repeatability: You may take this course for a maximum of 4 units
Course Attributes: Graduate Division

CMSD 652  Language Disorders in Children  3 Units
Typically Offered: Fall only
This course utilizes lecture, discussion, and activities to explore the principals and procedures in assessment and treatment of language disorders in children from infancy to adolescence. 3 hours seminar. (002187)
Grade Basis: Graduate Graded
Repeatability: You may take this course for a maximum of 6 units
Course Attributes: Graduate Division

CMSD 674  Methods in Speech-Language Pathology in Schools  1 Unit
Prerequisite: Admission to the CMSD Graduate Program.
Typically Offered: Fall and spring
This course is designed to provide students with knowledge of speech-language pathology in public school education programs. 1 hour seminar. (021569)
Grade Basis: Credit/No Credit
Repeatability: You may take this course for a maximum of 1 unit
Course Attributes: Graduate Division

CMSD 675  Methods in Speech-Language Pathology  1 Unit
Typically Offered: Fall and spring
Shared discussion and learning regarding the work of speech-language pathologists in a variety of settings including public schools, medical, private practices, etc. Course content and topics are also related to the students’ internship placements. All students in off-campus, internship placements must be enrolled in this course. 1 hour seminar. (002194)
Grade Basis: Credit/No Credit
Repeatability: You may take this course for a maximum of 2 units
Course Attributes: Graduate Division

CMSD 680  Community and Service Learning Activity  1 Unit
Typically Offered: Spring only
Students gain competence in planning and implementing speech and hearing screenings, fairs, community education, and related activities for the campus and North State community. 1 hour seminar. (002195)
Grade Basis: Credit/No Credit
Repeatability: You may take this course for a maximum of 3 units
Course Attributes: Graduate Division

CMSD 682  Practicum in Speech-Language Pathology Diagnosis  1 Unit
Typically Offered: Fall and spring
Supervised practice in the evaluation of speech, voice, and language disorders. Synthesis of clinical test data, client counseling, preparation of evaluation reports, referral procedures, etc. 3 hours supervision. (002196)
Grade Basis: Graduate Graded
Repeatability: You may take this course for a maximum of 6 units
Course Attributes: Graduate Division

CMSD 684  Clinical Practicum  2 Units
Typically Offered: Fall and spring
Supervised management (selection, diagnosis, and therapeutic intervention) of speech, language, and/or auditorily impaired individuals. 6 hours supervision. (002197)
Grade Basis: Graduate Graded
Repeatability: You may take this course for a maximum of 6 units
Course Attributes: Graduate Division

CMSD 689  Clinical Internship in Speech-Language Pathology  2-8 Units
Typically Offered: Fall and spring
This course is an internship offered for 2.0 to 8.0 units. You must register directly with a supervising faculty member. Designed to be taken during the second year of master’s study. Supervised practicum in the diagnosis and treatment of speech, language, and hearing disorders. Internship settings may include public schools, hospitals, private practice, and rehabilitation facilities. 3 hours supervision. (002198)
Grade Basis: Report in Progress: CR/NC
Repeatability: You may take this course for a maximum of 20 units
Course Attributes: Graduate Division

CMSD 697  Independent Study  1-3 Units
Typically Offered: Fall and spring
This course is a graduate-level independent study offered for 1.0-3.0 units. Typically the specific topic being offered. 3 hours lecture. (020826)
Grade Basis: Graduate Graded
Repeatability: You may take this course for a maximum of 6 units
Course Attributes: Graduate Division

CMSD 698  Special Topics  1-3 Units
Prerequisite: Department permission.
Typically Offered: Fall and spring
This course is for special topics offered for 1.0-3.0 units. Typically the topic is offered on a one-time-only basis and may vary from term to term and be different for different sections. See the Class Schedule for the specific topic being offered. 3 hours lecture. (020826)
Grade Basis: Graduate Graded
Repeatability: You may take this course for a maximum of 6 units
Course Attributes: Graduate Division

CMSD 699P  Master’s Project  1-6 Units
Typically Offered: Fall and spring
This course is offered for 1.0-6.0 units. You must register directly with a supervising faculty member. Designed to be taken during the second year of master’s study. Supervised practicum in the diagnosis and treatment of speech, language, and hearing disorders. Internship settings may include public schools, hospitals, private practice, and rehabilitation facilities. 3 hours supervision. (002202)
Grade Basis: Report in Progress: CR/NC
Repeatability: You may take this course for a maximum of 6 units
Course Attributes: Graduate Division

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CMSD 699T Master's Thesis 1-6 Units

Typically Offered: Fall and spring
This course is offered for 1.0-6.0 units. You must register directly with a supervising faculty member. 3 hours supervision. (002200)

Grade Basis: Report in Progress: CR/NC

Repeatability: You may take this course for a maximum of 6 units

Course Attributes: Graduate Division