Program

BA in Communication Sciences and Disorders
Clinical Rehabilitative Services Credential in Language, Speech, and Hearing Services

MA in Communication Sciences and Disorders

The ability to communicate effectively using language systems distinguishes human beings from other forms of life. Disabilities which interfere with communication skills prohibit a large number of people from realizing their full potential in modern society. Study in the field of speech-language pathology and audiology prepares one to appreciate the impact of such impairments and to assist individuals in overcoming them.

Students in speech-language pathology and audiology participate in course work which covers normal human growth, development of the communicative processes, detailed consideration of disorders which arise in these processes, and their assessment and treatment. Course work is supplemented by practica which give students first-hand experiences in dealing with disorders in the area of language impairment, vocal disturbance, articulation disorders, fluency problems, and/or hearing impairment. These experiences are carried out in the University Speech and Hearing Clinic and in off-campus internship and externship placements.

The Clinical Rehabilitative Services (CRS) Credential in Language, Speech, and Hearing Services is offered. The credential pattern requires successful completion of 42 units in the generic component, which is interdisciplinary, and 35–49 units in the advanced specialization component. This credential authorizes the holder to serve in the public schools as a Language, Speech, and Hearing Specialist.

The graduate program in speech-language pathology is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology (CAA).

Faculty and Facilities

The program maintains a Speech and Hearing Clinic and a computer and speech-language-hearing science laboratory. Students receive supervised practical experience in evaluation and therapy for persons with a wide range of communicative disorders. The clinic is equipped with audio and video monitored therapy rooms and observation facilities.

The faculty consists of six full-time members as well as part-time clinical supervisors. All faculty supervising clinical practica are appropriately certified, licensed, or credentialed.

Services for University Students

University students are encouraged to consult the Speech and Hearing Clinic if they have concerns about their speech, language, or hearing. There is no charge for evaluation or therapy services for university students.

Career Outlook

Speech-language pathology is a stimulating, challenging, and rewarding profession. It demands a high level of skill as well as an affinity for working effectively with people. Basic entry into the profession is at the master’s level. Students completing the bachelor’s degree may be employed as speech therapy aides in schools and other settings. Those who complete the master’s program look forward to many and varied employment opportunities. In addition to the schools, speech-language pathologists work in hospitals in university speech and hearing clinics, in rehabilitation centers in research programs, in otolaryngologists’ offices, and in private practice. Some of the work settings stress specific communicative disorders. For example, in the schools, speech-language pathologists work mostly with children having a wide range of problems; in hospitals they work with aphasia (stroke) and laryngectomy; and in speech and hearing clinics in other hospitals and universities, they work with a variety of communicative disorders. Work in physicians’ offices involves hearing testing, aural rehabilitation, and hearing aid application. In private practice, speech-language pathologists may specialize in specific speech/language/hearing problems or in all types of communicative disorders. Currently employment opportunities abound and prospects are excellent in this area in the foreseeable future.
THE BACHELOR OF ARTS
IN COMMUNICATION SCIENCES
AND DISORDERS

Total Course Requirements
for the Bachelor's Degree: 120 units

See “Requirements for the Bachelor’s Degree” in The University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

The department has prepared a suggested Four Year Advising Plan to help students meet all graduation requirements within four years. Please request a plan from your major adviser or view it and other current advising information on the CSU, Chico Web.

General Education Requirements: 48 units

See “General Education Requirements” in The University Catalog and The Class Schedule for the most current information on General Education Requirements and course offerings. The course requirements marked below with an asterisk (*) may also be applied toward General Education.

Courses listed below are required of all candidates for this degree.

The following courses, or their approved transfer equivalents,
are required of all candidates for this degree.

American Institutions Requirement: 6 units

See the “American Institutions Requirement” under “Bachelor’s Degree Requirements.” This requirement is normally fulfilled by completing HIST 050 and POLS 055. Courses used to satisfy this requirement may also apply to General Education.

Cultural Diversity Course Requirements: 6 units

See “Cultural Diversity” in The University Catalog. Most courses used to satisfy these requirements may also apply to General Education.

Electives Requirement:

To complete the total units required for the bachelor’s degree, select additional elective courses from the total university offerings. You should consult with an adviser regarding the selection of courses which will provide breadth to your university experience and apply to a supportive second major or minor.

See “Mathematics and Writing Requirements” in The University Catalog.

Writing proficiency in the major is a graduation requirement and may be demonstrated through satisfactory completion of a course in your major which has been designated as the Writing Proficiency (WP) course for the semester in which you take the course. Students who earn below a C- are required to repeat the course and earn a C- or better to receive WP credit. See The Class Schedule for the designated WP courses for each semester. You must pass ENGL 001 (or its equivalent) with a C- or better before you may register for a WP course.

Course Requirements for the Major: 48 units

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

Lower-Division Requirements: 3 units

1 course required:

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>C D 052</td>
<td>Child Development</td>
<td>3.0</td>
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</table>

Upper-Division Requirements: 45 units

13 courses required:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMSD 120</td>
<td>Survey Communication Disorders</td>
<td>3.0</td>
</tr>
<tr>
<td>CMSD 130</td>
<td>Communication Disorders I</td>
<td>3.0</td>
</tr>
<tr>
<td>Prerequisites: CMSD 129</td>
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<tr>
<td>CMSD 131</td>
<td>Communication Disorders II</td>
<td>3.0</td>
</tr>
<tr>
<td>Prerequisites: CMDS 129, CMDS 162, CMDS 190</td>
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</tr>
<tr>
<td>CMSD 162</td>
<td>Anatomy and Physiology of Speech</td>
<td>3.0</td>
</tr>
<tr>
<td>CMSD 163</td>
<td>Acoustics/Psychoaoustics Speech</td>
<td>3.0</td>
</tr>
<tr>
<td>Prerequisites: CMSD 120, CMDS 162, CMDS 190</td>
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<td></td>
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<tr>
<td>CMDS 190</td>
<td>Phonetics</td>
<td>3.0</td>
</tr>
<tr>
<td>CMDS 235</td>
<td>Diagnostic Methods</td>
<td>3.0</td>
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<tr>
<td>Prerequisites: CMDS 131, CMDS 251</td>
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<tr>
<td>CMDS 240</td>
<td>Audiology</td>
<td>3.0</td>
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<tr>
<td>Prerequisites: CMDS 162, CMDS 163</td>
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<tr>
<td>CMDS 241</td>
<td>Aural Rehabilitation</td>
<td>3.0</td>
</tr>
<tr>
<td>Prerequisites: CMDS 162, CMDS 163, CMDS 240, CMDS 251</td>
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<td></td>
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<tr>
<td>CMDS 251</td>
<td>Language Development</td>
<td>3.0</td>
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<tr>
<td>Prerequisites: CMDS 190</td>
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<tr>
<td>CMDS 252</td>
<td>Language Disorders</td>
<td>3.0</td>
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<tr>
<td>Prerequisites: CMDS 253</td>
<td></td>
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<tr>
<td>CMDS 270</td>
<td>Orientation Clinical Practicum</td>
<td>3.0</td>
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<tr>
<td>Prerequisites: CMDS 130, CMDS 131, CMDS 235, CMDS 252</td>
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<tr>
<td>CMDS 288</td>
<td>Res Meth in Com Sci &amp; Disorders</td>
<td>3.0</td>
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<tr>
<td>Prerequisites: ENGL 001 (or its equivalent) with a grade of C- or higher, CMDS 130, CMDS 235, CMDS 240, CMDS 252</td>
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2 courses selected from:

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>PSY 205</td>
<td>Psychology of Learning</td>
<td>3.0</td>
</tr>
<tr>
<td>PSY 207</td>
<td>Psychology of Aging</td>
<td>3.0</td>
</tr>
<tr>
<td>PSY 240</td>
<td>Psychology of Exceptional Child</td>
<td>3.0</td>
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<tr>
<td>Prerequisites: PSY 202 or equivalent.</td>
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<tr>
<td>PSY 274</td>
<td>Neuropsychology</td>
<td>3.0</td>
</tr>
<tr>
<td>Prerequisites: PSY 104 or PSY 175 or PSY 275 or any course which has covered basic brain anatomy or faculty permission.</td>
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Other psychology courses may be substituted upon approval of your adviser.

Honors in the Major

Honors in the Major is a program of independent work in your major. It involves 6 units of honors course work completed over two semesters. Your honors work will be recognized at your graduation, on your permanent transcripts, and on your diploma. It is often accompanied by letters of commendation from your mentor in the department or the department chair. Most importantly, however, the Honors in the Major program allows you to work closely with a faculty mentor in your area of interest on an original performance or research project. This year-long collaboration allows you to work in your field at a professional level and culminates in a public presentation of your work. Students sometimes take their projects beyond the university for submission in professional journals, presentation at conferences, or competition in shows; such experience is valuable for graduate school and later professional life.

Some common features of Honors in the Major program are:

1. You must take 6 units of Honors in the Major course work. At least 3 of these 6 units are independent study (299H) as specified by your department. You must complete each class with a minimum grade of B.
2. You must have completed 9 units of upper-division course work or 21 overall units in your major before you can be admitted to Honors in the Major. Check the requirements carefully, as there may be specific courses that must be included in these units.
3. Your cumulative GPA should be at least 3.5 or within the top 5 percent of majors in your department.
4. Your GPA in your major should be at least 3.5 or within the top 5 percent of majors in your department.
5. Most students apply for or are invited to participate in Honors in the Major during the second semester of their junior year. Then they complete the 6 units of course work over the two semesters of their senior year.
6. Your honors work culminates with a public presentation of your Honors project.

While Honors in the Major is part of the Honors Program, each department administers its own program. Please contact your major department or major adviser for further information.

The School Audiologist Certificate

This certificate authorizes public school personnel to administer hearing testing. The certificate is offered through the State Department of Health Services.

Course Requirements for the Certificate: 6 units

The following courses, or their approved transfer equivalents, are required of all candidates for this certificate.

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>CMDS 162</td>
<td>Anatomy and Physiology of Speech</td>
<td>3.0</td>
</tr>
<tr>
<td>CMDS 240</td>
<td>Audiology</td>
<td>3.0</td>
</tr>
<tr>
<td>Prerequisites: CMDS 162, CMDS 163</td>
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Advising Requirement:

Advising is mandatory for all majors in this degree program. Consult your undergraduate adviser for specific information.

Graduating Requirement:

All courses taken to fulfill major course requirements must be taken for a letter grade, except those courses specified by the department as Credit/No Credit grading only.

In communication sciences and disorders
THE MASTER OF ARTS
IN COMMUNICATION SCIENCES AND DISORDERS

Note: The MA pattern is used to complete requirements for the Clinical Rehabilitative Language, Speech, and Hearing Services Credential. CBEST must be passed prior to admission to a credential-related internship.

New American Speech Language Hearing Association accreditation standards are being implemented in fall 2003. Please see your adviser regarding curricular changes.

Course Requirements for the Master's Degree: 30 units
Continuous enrollment is required. A maximum of 9 semester units of transfer credit may be applied toward the degree.

Graduate Time Limit: All requirements for the degree are to be completed within five years of the end of the semester of enrollment in the oldest course applied toward the degree. See "Graduate Education" in The University Catalog for complete details on general degree requirements.

Prerequisites for Admission to Conditionally Classified Status:
1. Satisfactory grade point average as specified in "Admission to Master's Degree Programs" in The University Catalog.
2. Approval by the department and the Office of Graduate Programs.
3. An acceptable baccalaureate from an accredited institution, or an equivalent approved by the Office of Graduate Programs.
4. Three letters of recommendation (submitted to the Graduate Coordinator) for any applicant whose baccalaureate was not completed under the CSU, Chico Communication Sciences and Disorders Program.

Prerequisites for Admission to Classified Status:
In addition to any requirements listed above:
1. Completion of the Miller Analogies Test or the Graduate Record Examination.

Advancement to Candidacy:
In addition to any requirements listed above:
1. Formation of the graduate advisory committee in consultation with the Graduate Coordinator. Normally the committee will be formed during the student's first semester and will consist of at least three members; the chair of the committee must be a member of the Communication Sciences and Disorders faculty.
2. Development of an approved program in consultation with the graduate advisory committee.
3. Classified graduate standing and completion of 9 units of the proposed program at the university with at least a 3.0 grade point average.

Requirements for the MA Degree in Communication Sciences and Disorders:
Completion of all requirements as established by the program, graduate advisory committee, the Graduate Coordinator, and the Office of Graduate Programs, to include:
1. Completion of an approved program consisting of 30 units of 200/300-level courses as follows:
   (a) 24-30 units in the discipline of Communication Sciences and Disorders.
   (b) At least 18 of the units required for the degree in 300-level courses.
   (c) Not more than 9 semester units of transfer and/or extension credit (correspondence courses and U.C., extension course work are not acceptable).
   (d) Not more than 15 units taken before admission to classified status.
   (e) Not more than a total of 10 units of Independent Study (398) and Master's Thesis (399) or Master's Project (399); not more than 6 units of Master's Thesis (399) or Master's Project (399).
   (f) Course work must be selected each semester according to the following sequence of offerings:

First Fall Semester Courses
- CMSD 320 Neuroanatomy of Speech/Language 3.0 FA
- CMSD 333 Prof Aspects Speech-Lang Path 3.0 FA
- CMSD 339 Differential Diagnosis 3.0 FA
- CMSD 340 Assess & Mgmt of Auditory Disorder 3.0 FA
- CMSD 384 Advanced Clinical Practice 2.0 FS
Communication Sciences and Disorders

Course Offerings

Please see the section on “Course Description Symbols and Terms” in The University Catalog for an explanation of course description terminology and symbols, the course numbering system, and course credit units. All courses are lecture and discussion and employ letter grading unless otherwise stated. Some prerequisites may be waived with faculty permission. Many syllabi are available on the Chico Web.

CMSD 030 Introduction to Communication Sciences and Disorders

Students will gain an overview of the field, competencies to be acquired, work sites, need for professionals, professional organizations, requirements for professional certificates, etc. The course gives the students the opportunity to meet and question the university faculty, visiting faculty, area professionals, and students in Speech Pathology and Audiology. The presentations include lectures, interviews, general discussions, and films. Formerly SPPA 030.

CMSD 040 Language and Culture of Deaf Americans

Using a conversational approach, this course will provide students with a foundation of expressive and receptive skills in American Sign Language. Cultural aspects of the deaf community, such as history, language arts, and pragmatics will be explored. Additionally, lectures will provide information on hearing loss and comparison of sign language systems. 3.0 hours discussion, 2.0 hours activity. This is an approved General Education course. Formerly SPPA 040.

CMSD 098 Special Topics

This course is for special topics offered as 098A-C for 1.0 to 3.0 units respectively. 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. Formerly SPPA 098.

CMSD 120 Survey of Communication Disorders

A survey of the normal processes of communication and of the disorders associated with parameters of communication (i.e., articulation, language, voice, fluency, and audition). The course will also include an overview of the professional aspects of speech-language pathology and audiology. Formerly SPPA 120.

CMSD 130 Communication Disorders I

Prerequisites: CMSD 163. Description and remedial techniques for the following organic disorders: cleft palate, laryngeal articulation (apraxia, dysarthria), cerebral palsy, and aphasia. The relationships among the various disorders, with attention to multi-handicapped individuals will be studied. In addition, the available services from related fields will be examined. Formerly SPPA 130.

CMSD 131 Communication Disorders II

Prerequisites: CMSD 120, CMSD 162, CMSD 190. Lecture and discussion of the nature, cause, and treatment of the non-organic disorders of articulation, voice, and fluency. Formerly SPPA 131.

CMSD 146A Beginning Signed English and Fingerspelling

An introduction to a system of manual communication using the word order and meaning of spoken English. The course will offer a comparison of other sign systems and enable the student to communicate with deaf individuals. Formerly SPPA 146A.

CMSD 146B Intermediate Signed English and Fingerspelling

Translation and improved manual communication skills. In addition to skill development, the students will increase their repertoire of specialized teaching techniques. You may take this course more than once for a maximum of 6.0 units. Formerly SPPA 146B.

CMSD 146C American Sign Language

The student will acquire a basic understanding of the language of the deaf and their culture. You may take this course more than once for a maximum of 6.0 units. Formerly SPPA 146C.

CMSD 146D Intermediate American Sign Language

Prerequisites: CMSD 146C or faculty permission. This intermediate level American Sign Language course is taught using a conversational approach, adopted from the nationally recognized Signing Naturally curriculum. Nearly the entire course is conducted in sign, with the exception of some lectures presented with voice on cultural aspects of the Deaf community. From this course students will acquire knowledge about cultural and linguistic aspects of deafness and ASL, as well as attain receptive and expressive skills which will enable them to communicate with individuals using ASL. You may take this course more than once for a maximum of 6.0 units. Formerly SPPA 146D.

CMSD 162 Anatomy and Physiology of Speech

The student will be provided with an understanding of the gross anatomy and physiology of respiration, phonation, articulation, and audition. An introduction to the central and peripheral nervous systems is also provided. Formerly SPPA 162.

CMSD 163 Acoustics and Psychoacoustics of Speech

Prerequisites: CMSD 120, CMSD 162, CMSD 190. The student will be provided with an understanding of the acoustic attributes of speech and the basic principles of psychoacoustics, physics, and speech perception. Formerly SPPA 163.

CMSD 189 Clinical Practicum

Prerequisites: Majors only senior year; CMSD 130; CMSD 131; CMSD 162; CMSD 233; CMSD 270. Supervised experience in speech, language, or hearing rehabilitation in various language, or hearing rehabilitation in various clinical settings. Weekly group meetings will be scheduled. Credit/no credit grading only. Formerly SPPA 189.

CMSD 190 Phonetics

The study of the International Phonetic Alphabet (IPA), with emphasis on training students to transcribe speech accurately using the IPA. Students will also develop an understanding of phonetic theory and principles. 2.0 hours lecture, 1.0 hour discussion. ABC/no credit grading only. Formerly SPPA 190.

CMSD 198 Special Topics

This course is for special topics offered as 198A-C for 1.0 to 3.0 units respectively. 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. Formerly SPPA 198.

CMSD 199 Special Problems

This course is an independent study of special problems and is offered as 199A-C for 1.0 to 3.0 units respectively. 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. Formerly SPPA 199.

CMSD 235 Diagnostic Methods in Speech-Language Pathology

Prerequisites: CMSD 131, CMSD 251. Basic diagnostic procedures for formal and informal evaluation of communicative disorders. Use of formal diagnostic instruments and informal observations will be considered. Formerly SPPA 235.

CMSD 240 Audiology


CMSD 241 Aural Rehabilitation

Prerequisites: CMSD 162, CMSD 163, CMSD 240, CMSD 251. Theories and methods of teaching speech reading, auditory training, and hearing conservation; practice in planning and presenting lessons; demonstrations. Formerly SPPA 241.

CMSD 242 Diagnostic Methods in Audiology

Prerequisites: CMSD 162. The student will gain competencies in the clinical techniques associated with the differential diagnosis of hearing loss, including the basic information needed to administer an audiological test program in the public schools. Emphasis is given to hearing screening requirements for testing young children. 2.0 hours clinical, 2.0 hours activity. Formerly SPPA 242.
COMMUNICATION SCIENCES AND DISORDERS

GRADUATE COURSES

Prerequisite for all CMSD 300-level courses: Classified standing as a graduate student in CMSD or faculty permission.

CMSD 320 Neuroanatomy of Speech and Language 3.0 Fall
This course provides a basic knowledge of the anatomy and physiology of neurological systems involved in speech and language. Formerly SPPA 362.

CMSD 330 Disorders of Articulation and Phonology 3.0 Fall
This course will examine articulation and phonological disorders in children. Formerly SPPA 330.

CMSD 331 Disorders of Rhythm and Fluency 3.0 Spring
Study of theories, symptomatology, diagnosis, and treatment of stuttering, cluttering, and other disorders of rhythm and fluency. Formerly SPPA 331.

CMSD 332 Seminar in Communication Sciences and Disorders

CMSD 333 Professional Aspects of Speech-Language Pathology 3.0 Fall
Consideration of non-therapeutic aspects of the profession, with emphasis on the public school setting. The role of the professional, laws governing education of handicapped individuals, determination of caseload, organization of therapy sessions, referrals and referral sources, material and equipment selection, and professional responsibilities and ethical considerations. Thirty hours of observation and discussion are required. 2.0 hours lecture, 2.0 hours activity. Formerly SPPA 333.

CMSD 334 Curriculum and Methods for the Severely Language Delayed and Aphasic
This course reviews teaching strategies and materials that work especially well with severely language delayed and aphasic students. Subject matter content for the language arts (reading, writing, handwriting, spelling, listening, and oral language), mathematics, social studies, science, music, art, physical education, and daily living skills will be discussed. In addition, teaching strategies for the instruction of the content will be presented, practiced, and evaluated. 3.0 hours seminar, 2.0 hours activity. Formerly SPPA 334.

CMSD 335 Cleft Palate and Voice Disorders 3.0 Fall
Study of the etiology, symptomatology, diagnosis, and rehabilitation of communicative disorders related to cleft palate and voice disorders. Formerly SPPA 335.

CMSD 336 Neuropathologies of Language and Cognition 3.0 Spring
This course will provide an understanding of the neuropathological basis of language and cognition. Formerly SPPA 336.

CMSD 339 Differential Diagnosis 3.0 Fall
Consideration of the process of differential diagnosis as it applies to assessing speech/language handicapped individuals. Models of diagnosis and steps in the process are reviewed. Formerly SPPA 339.

CMSD 340 Assessment and Management of Auditory Disorders 3.0 Fall
Advanced level course dealing with the assessment and management of a variety of acuity-based and non-acuity-based auditory disorders. Formerly SPPA 340.

CMSD 341 Seminar in Audiology and Psychoacoustics 3.0 Inquire
Students will be given the opportunity to pursue audiological topics of personal interest in depth. Seminar content varies. Formerly SPPA 341.

CMSD 342 Neuropathologies of Swallowing and Speech 3.0 Spring
Prerequisites: CMSD 320.
This course will provide an understanding of dysphagia, apraxia, and dysarthria. Formerly SPPA 342.

CMSD 344 Professional Practice of Speech-Language Pathology in Non-School Settings 3.0 Inquire
Consideration of non-therapeutic aspects of the professions in private practice, rehabilitation center, and hospital settings. Includes ethical and legal consideration of direct, private third-party, and governmental reimbursement. Working relationships with other allied health professionals, requirements for certification, and licensure. Formerly SPPA 344.

CMSD 352 Seminar in Language Disorders 3.0 Spring
Student presentation of research papers dealing with linguistic theory and application to communicative disorders. Discussion/ critique of research papers and assigned readings. You may take this course more than once for a maximum of 6.0 units. Formerly SPPA 352.

CMSD 245 Augmentative and Alternative Communication 3.0 Spring
Prerequisites: Senior or graduate standing.
Consideration of communication systems for those whose needs require alternative or augmentative strategies. Assessment of individual’s need and implementation of systems which are computer and hard-copy based. Formerly SPPA 245.

CMSD 249 Classroom Strategies for Children and Adolescents with Communication Disorders 3.0 Inquire
Introduction to human communication and its disorders, with emphasis on the school-aged population. This course covers classroom teachers’ responsibilities for children with communication disorders and suggestions for ways to address the needs of these children in the classroom. Formerly SPPA 249.

CMSD 251 Language Development 3.0 Spring
Prerequisites: CMSD 130.
Lecture and discussion of normal developmental processes associated with language acquisition. It includes genetic, cultural, and social aspects. Theories of acquisition are discussed. Formerly SPPA 251.

CMSD 252 Language Disorders 3.0 Fall
Prerequisites: CMSD 251.
Lecture and discussion of types of language disabilities seen in children and handicapped adults. The focus of this course is remediation. Formerly SPPA 252.

CMSD 255 Communication and Aging 3.0 Spring
Prerequisites: Senior or graduate standing.
This course will provide students with knowledge regarding all aspects of aging. Consideration of communication systems for those whose needs require alternative, private third-party, and governmental reimbursement. The focus of this course is remediation. Formerly SPPA 255.

CMSD 260 Communication and Aging 3.0 Fall
Prerequisites: Senior or graduate standing.
This course will provide students with knowledge regarding all aspects of aging. Theories and practices of communication for the elderly and handicapped adults. The focus of this course is remediation. Formerly SPPA 260.

CMSD 270 Orientation to Clinical Practicum 3.0 Spring
Prerequisites: CMSD 130, CMSD 131, CMSD 235, CMSD 252.
Emphasis on developing the skills that are prerequisite to clinical practice in Speech-Language Pathology and Audiology. Lecture and discussion of assessment procedures, treatment strategies, therapy models and programs, professional requirements, report-writing techniques, clinical problem-solving, etc. Formerly SPPA 270.

CMSD 275 Computer Application in Speech-Language Pathology 1.0 Inquire
Previous experience with computers desirable. Basic computer literacy will be taught, as well as how to use software that is currently available to speech and language specialists to help diagnose and remediate speech and language disorders of children and adults. Application of augmentative devices will also be covered. You may take this course more than once for a maximum of 2.0 units. Formerly SPPA 275.

CMSD 288 Research Methods in Communication Sciences and Disorders 3.0 Spring
Prerequisites: ENGL 1001 (or its equivalent) with a grade of C- or higher, CMSD 130, CMSD 235, CMSD 240, CMSD 252.
The student will acquire and apply competencies in research techniques and writing methods and styles associated with the professions of communicative disorders and sciences. Competencies acquired in this course will be applied in subsequent professional and professional courses in the field. This is a writing proficiency, WP, course: a grade of C- or better certifies writing proficiency for majors. Formerly SPPA 288.

CMSD 297 Special Studies in Communication Sciences and Disorders 1.0-3.0 Fa/Spr
This course is a special topic offered as 297-A-C for 1.0 to 3.0 units respectively. You must register directly with a supervising faculty member. Formerly SPPA 297.

CMSD 298 Special Topics 1.0-3.0 Fa/Spr
This course is for special topics offered as 298-A-C for 1.0 to 3.0 units respectively. 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. Formerly SPPA 298.
CMSD 360 Experimental Phonetics 3.0 Inquire
The student will gain competencies in analyzing, interpreting, and applying information available in the area of experimental phonetics. Formerly SPPA 360.

CMSD 361 Instrumentation 3.0 Inquire
The student will gain competencies in the areas of equipment selection, use, and configurations for the practice of speech pathology and audiology. Formerly SPPA 361.

CMSD 363 Seminar in Speech and Hearing Sciences 3.0 Inquire
The students will be given the opportunity to pursue topics of interest in the areas of speech and hearing science. Seminar content varies. Formerly SPPA 363.

CMSD 365 Seminar in Methods of Public School Speech-Language Pathology 2.0 Fa/Spr
Discussion of methods and materials used in assessment and intervention and various age groups, and communicative disorder types occurring in the public schools. Shared learning regarding the public school work setting will be addressed also. Formerly SPPA 375.

CMSD 368 Clinical Practice in Audiology 1.0 Fa/Spr
The student will gain competence in the diagnosis, treatment, and referral of individuals with hearing and speech problems through supervised audiological clinic practice. Credit/no credit grading only. You may take this course more than once for a maximum of 6.0 units. Formerly SPPA 380.

CMSD 369 Master's Study 1.0-6.0 Fa/Spr
This course is a master's study offered as either a Master's Thesis, identified as 399A-F for 1.0 to 6.0 units respectively, or as a Master's Project, identified as 399G-L,P for 1.0 to 6.0 units respectively. You must register directly with a supervising faculty member. Formerly SPPA 399.

CMSD 370 Supervision in Speech-Language Pathology: Introductory Seminar 3.0 OddFall
The purpose of this course is to provide an in-depth study of clinical supervision for implementation in speech-language pathology supervision. Formerly SPPA 370.

CMSD 371 Practicum in Clinical Supervision 3.0 Inquire
The purpose of this practicum is to enable students to develop competencies in clinical supervision. A minimum of 50 clock hours of experience will be accrued. You may take this course more than once for a maximum of 6.0 units. Formerly SPPA 371.

CMSD 372 Advanced Seminar in Clinical Supervision 3.0 Inquire
The purpose of this course is to provide further study of the research in supervision in speech-language pathology and to develop implementation strategies for practice based on the literature. Formerly SPPA 372.

CMSD 375 Seminar in Methods of Public School Speech-Language Pathology 2.0 Fa/Spr
Designed to be taken during the last semester of master's study and includes a nine-hour written comprehensive examination. An oral comprehensive examination will follow if the written examination is not totally satisfactory. Formerly SPPA 398D.

CMSD 377 Seminar in Speech-Language Pathology: Introductory Seminar 3.0 OddFall
The purpose of this course is to provide an in-depth study of clinical supervision for implementation in speech-language pathology supervision. Formerly SPPA 370.

CMSD 378 Practicum in Speech-Language Pathology Diagnosis 1.0 Fa/Spr
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. Credit/no credit grading only. You may take this course more than once for a maximum of 6.0 units. Formerly SPPA 382.

CMSD 380 Clinical Practice in Audiology 1.0 Fa/Spr
The student will gain competence in the diagnosis, treatment, and referral of individuals with hearing and speech problems through supervised audiological clinic practice. Credit/no credit grading only. You may take this course more than once for a maximum of 6.0 units. Formerly SPPA 380.

CMSD 382 Practicum in Speech-Language Pathology Diagnosis 1.0 Fa/Spr
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. Credit/no credit grading only. You may take this course more than once for a maximum of 6.0 units. Formerly SPPA 382.

CMSD 384 Advanced Clinical Practice 2.0 Fa/Spr
Supervised management (selection, diagnosis, and therapeutic intervention) of speech, language, and/or auditory impaired individuals. Credit/no credit grading only. You may take this course more than once for a maximum of 6.0 units. Formerly SPPA 384.

CMSD 388 Comprehensive Examinations 1.0 Fa/Spr
Designed to be taken during the last semester of master's study and includes a nine-hour written comprehensive examination. An oral comprehensive examination will follow if the written examination is not totally satisfactory. Formerly SPPA 398D.

CMSD 398 Independent Study 1.0-3.0 Fa/Spr
This course is a graduate level independent study offered as 398A-C for 1.0 to 3.0 units respectively. You must register directly with a supervising faculty member. You may take these for credit more than once; see the department for specific information. Formerly SPPA 398.

CMSD 398D Comprehensive Examinations 1.0 Fa/Spr
Designed to be taken during the last semester of master's study and includes a nine-hour written comprehensive examination. An oral comprehensive examination will follow if the written examination is not totally satisfactory. Formerly SPPA 398D.

CMSD 399 Master's Study 1.0-6.0 Fa/Spr
This course is a master's study offered as either a Master's Thesis, identified as 399A-F for 1.0 to 6.0 units respectively, or as a Master's Project, identified as 399G-L,P for 1.0 to 6.0 units respectively. You must register directly with a supervising faculty member. Formerly SPPA 399.