COMMUNICATION SCI. AND DIS. (CSCD)

CSCD 507: Fundamentals of Hearing Sci.
Principles of decibel notation, properties of sound, acoustics, and psychophysical measurements.
3 credits

CSCD 2010: Intro. to Comm. Disorders
Communication Sci Disorders
Disorders of speech, language, and audition; emphasis on recognition, causation, and principles of management.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 2020: Statistics for CSD
Communication Sci Disorders
Introduction to statistical reasoning and statistical tests used by communication sciences and disorders researchers, as well as speech-language pathologists and audiologists. The course will cover methods of measurement and techniques for summarizing sets of data. The course will stress an understanding of conceptual issues involved in the selection of statistical methods rather than memorization of formulas. Concepts will be related to everyday examples in communication sciences and disorders and related fields, as well as current events.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 2050: Anatomy and Physiology
Communication Sci Disorders
Anatomical and physiological bases of speech, language, and auditory processes.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 2110: Introduction to Phonectics
Communication Sci Disorders
Introduction to the principles of articulatory phonetics and the narrow and wide transcription of normal and abnormal speech
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 2160: Normal Development of Comm.
Communication Sci Disorders
Paralinguistic and psycholinguistic aspects of human development; study of developmental assessment.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 3010: Intro. to Spch. Sound Dxs
Communication Sci Disorders
Causes, correlates, symptoms, assessment, and clinical management; survey of related disorders.
3 credits
Prerequisites
CSCD 2050 and CSCD 2110.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 3020: Research Methods for CSD
Communication Sci Disorders
This course is designed to provide students with a strong background in the methods used to conduct, describe, and evaluate group and single--subject research in the speech and hearing sciences. Students will learn to craft research questions and select appropriate methodologies in order to become productive contributors to research in the field. Students will also learn to be informed consumers of research information in journals and the media.
3 credits
Prerequisites
MATH 1150 or PSYC 2071 or CSCD 2020.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 3030: Comm. Deficits in Older Adults
Communication Sci Disorders
Age-related deficits in communication and related assessment and treatment procedures in older adults.
3 credits
Prerequisites
24 Earned Credits.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 3040: Intro. to Hearing Conservation
Communication Sci Disorders
Effects of ototoxins including noise on the auditory system and strategies for protecting hearing.
3 credits
Prerequisites
24 Earned Credits.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 3160: Lang. and Learning Disorders
Communication Sci Disorders
Causes, correlates, symptoms, assessments, and clinical/educational management; emphasis on description and prescription.
3 credits
Prerequisites
CSCD 2160 and 24 Earned Credits.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 3510: Basic Audiology
Communication Sci Disorders
Administration and interpretation of basic hearing measurement. Prerequisite may be also by consent of instructor.
3 credits
Prerequisites
CSCD 2050 and 24 Earned Credits.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 3560: Princ. of Auditory (Re)Habilit
Communication Sci Disorders
Management of the deaf and hard-of-hearing; emphasis on speech reading and auditory training.
3 credits
Prerequisites
CSCD 3510 and 24 Earned Credits.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 3590: Manual Communication
Communication Sci Disorders
Study and practice in contemporary manual communication systems.
3 credits
Prerequisites
24 Earned Credits.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 3600: Stdy USA ASHA Convention & Sit
Communication Sci Disorders
This course offers an exceptional opportunity to gain knowledge and skills for entry into a postgraduate program in speech pathology or audiology or to supplement learning and professional skills in a chosen profession by attending the American Speech Language Hearing Association Convention and also studying the cultural and linguistic diversity of the host site. We will provide students with experiences that provide knowledge of what employers and graduate programs are seeking in rising professionals and students. Additionally, students will gain a multicultural perspective by participating in events that promote understanding through educational and cultural programs. We will provide these experiences by interviews with potential future employers and with graduate programs in speech language pathology and/or audiology, attendance at a variety of educational sessions at the American Speech Language Hearing Association national convention, multicultural experiences at the House of Pacific Relations in Balboa Park and a Baja-Cali Food tour, and networking with university faculty, professionals, and fellow students scheduled through conference events.
3 credits
Prerequisites
24 Earned Credits.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 4010: Diagnostic Procedures
Communication Sci Disorders
Basic differential diagnosis of communication disorders; emphasis on instrumentation and interpretation.
3 credits
Prerequisites
CSCD 3010 and CSCD 3160 and CSCD 3510 and 24 Earned Credits.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 4050: Fluency and Voice Disorders
Communication Sci Disorders
Causes, correlates, symptoms, assessment, and clinical management; survey of related disorders.
3 credits
Prerequisites
CSCD 2050 and 24 Earned Credits.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 4300: Practices in Audiology
Communication Sci Disorders
A general overview of practices in audiology including professional issues, pediatric and industrial audiology, disorders of the ear, and clinical techniques.
3 credits
Prerequisites
CSCD 3510 and 24 Earned Credits.
Potentially offered with the following Instruction Type(s):
Lecture
Course Fees:
$25.00

CSCD 4520: Fund. Spch. & Hearing Sci.
Communication Sci Disorders
To provide the undergraduate student with an understanding of the basic acoustic, physical, and psychological processes underlying speech and hearing.
3 credits
Prerequisites
CSCD 2050 and 24 Earned Credits.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 4550: Neuroanat & Neurophys of Spch.
Communication Sci Disorders
Neuroanatomical and neurophysiological bases of speech, language, and auditory processes.
3 credits
Prerequisites
24 Earned Credits.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 4950: Intro. to Clinical Science
Communication Sci Disorders
The clinical process, applied behavioral analysis, and clinical research methods; emphasis on clinical writing.
3 credits
Prerequisites
CSCD 3010 and CSCD 3160 and CSCD 3510 and 24 Earned Credits.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 4980: Undergrad Prac. in SLP/Aud.
Communication Sci Disorders
This course is designed to provide supervised fieldwork experience. The emphasis is placed on management of clinical problems, and conflict resolution. May be repeated up to 6 hours.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture/Lab
Course Fees:
$15.00

CSCD 4990: Directed Research Practicum
Communication Sci Disorders
Independent study research under a faculty member's direct supervision. Students will gain hands-on experience with designing, conducting, and presenting research on communicative disorders or communication sciences. This course may be repeated for up to 9 hours.
1 - 3 credits
Prerequisites
24 Earned Credits.
Potentially offered with the following Instruction Type(s):
Seminar

CSCD 4997A: Honors Thesis I
Communication Sci Disorders
The purpose of this 3-credit course is to allow students to independently complete at least two major sections of their honors thesis relevant to any areas related to the field of communication sciences and disorders.
3 credits
Prerequisites
(minimum grade of B in CSCD 3020) and 24 Earned Credits.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 4997B: Honors Thesis II
Communication Sci Disorders
The purpose of this 3-credit course is to allow students to independently complete and defend their honors thesis relevant to any areas related to the field of communication sciences and disorders.
3 credits
Prerequisites
minimum grade of B in CSCD 3020 and CSCD 4997A.
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 5050: Neurophys. & Genet. of Communi
Communication Sci Disorders
Neuroanatomical, neurophysiological, and genetic bases of sensory, central, and motor aspects of language.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 5060: Anat/Phys/Path Aud Sys
Communication Sci Disorders
Normal and pathologic structure and function of the auditory system with emphasis on diagnosis, audiologic manifestation, and treatment of auditory disorders.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 5080: Audiology for the SLP
Communication Sci Disorders
Diagnostic and habilitative procedures for adults and children across various settings.
2 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 5111: Manual Communication I
Communication Sci Disorders
A beginning course in sign language designed to familiarize the student with the various sign language systems and to provide the student with a basic core language.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture/Lab

CSCD 5112: Manual Communication II
Communication Sci Disorders
An intermediate course in manual communication designed to increase expressive and receptive sign language skills, to provide understanding of the linguistic nature of American Sign Language (AMESLAN) and to promote the acquisition of AMESLAN as a second language. Prerequisite requirements for this course may also be satisfied by consent of instructor.
3 credits
Prerequisites
CSCD 3590 or CSCD 5111 or CSCD 5611.
Potentially offered with the following Instruction Type(s):
Lecture/Lab

CSCD 5210: Disorders of Fluency
Communication Sci Disorders
Contemporary theories of etiology and principles of management for disorders of stuttering; study of related disorders.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 5230: Speech Sound Disorders
Communication Sci Disorders
Misarticulation; emphasis on contemporary methods of management. Prerequisite requirements for this course may also be satisfied by consent of instructor.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 5260: Aphasia and Adult Lang. Dxs
Communication Sci Disorders
Study of the fundamentals of neurolinguistics; clinical problems of aphasia and traumatic brain injury; other clinical applications and neurolinguistics.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 5310: Special Problems in CD
Communication Sci Disorders
Specialized topics in speech-language pathology, speech science, deaf education, and audiology. (May be repeated for credit).
1 - 3 credits
Potentially offered with the following Instruction Type(s):
Seminar

CSCD 5410: Child Lang Dev. & Assessment
Communication Sci Disorders
Theories and sequential stages of language and literacy development in children, from birth through adolescence. Assessment of language across different stages of development.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 5420: Cl Sem/Speech-Lang Path
Communication Sci Disorders
Issues and techniques in the evaluation and remediation of speech language pathologies. May be repeated for credit. Z grade
2 credits
Potentially offered with the following Instruction Type(s):
Seminar

CSCD 5550: Neurophys. & Genet. of Communi
Communication Sci Disorders
Neuroanatomical, neurophysiological, and genetic bases of sensory, central, and motor aspects of language.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 5560: Anat/Phys/Path Aud Sys
Communication Sci Disorders
Normal and pathologic structure and function of the auditory system with emphasis on diagnosis, audiologic manifestation, and treatment of auditory disorders.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 5580: Audiology for the SLP
Communication Sci Disorders
Diagnostic and habilitative procedures for adults and children across various settings.
2 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 5611: Manual Communication I
Communication Sci Disorders
A beginning course in sign language designed to familiarize the student with the various sign language systems and to provide the student with a basic core language.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture/Lab

CSCD 5612: Manual Communication II
Communication Sci Disorders
An intermediate course in manual communication designed to increase expressive and receptive sign language skills, to provide understanding of the linguistic nature of American Sign Language (AMESLAN) and to promote the acquisition of AMESLAN as a second language. Prerequisite requirements for this course may also be satisfied by consent of instructor.
3 credits
Prerequisites
CSCD 3590 or CSCD 5111 or CSCD 5611.
Potentially offered with the following Instruction Type(s):
Lecture/Lab

CSCD 5710: Disorders of Fluency
Communication Sci Disorders
Contemporary theories of etiology and principles of management for disorders of stuttering; study of related disorders.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 5730: Speech Sound Disorders
Communication Sci Disorders
Misarticulation; emphasis on contemporary methods of management. Prerequisite requirements for this course may also be satisfied by consent of instructor.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 5760: Aphasia and Adult Lang. Dxs
Communication Sci Disorders
Study of the fundamentals of neurolinguistics; clinical problems of aphasia and traumatic brain injury; other clinical applications and neurolinguistics.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 5810: Special Problems in CD
Communication Sci Disorders
Specialized topics in speech-language pathology, speech science, deaf education, and audiology. (May be repeated for credit).
1 - 3 credits
Potentially offered with the following Instruction Type(s):
Seminar

CSCD 5910: Child Lang Dev. & Assessment
Communication Sci Disorders
Theories and sequential stages of language and literacy development in children, from birth through adolescence. Assessment of language across different stages of development.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 5920: Cl Sem/Speech-Lang Path
Communication Sci Disorders
Issues and techniques in the evaluation and remediation of speech language pathologies. May be repeated for credit. Z grade
2 credits
Potentially offered with the following Instruction Type(s):
Seminar

CSCD 6010: Directed Study
Communication Sci Disorders
May be repeated for credit for a maximum of 9 hours.
1 - 3 credits
Potentially offered with the following Instruction Type(s):
Independent Study

CSCD 6020: Assessment and Diagnosis
Communication Sci Disorders
This course provides an in-depth study of principles of assessment and diagnosis of communication disorders. Students will learn how to administer, interpret, and document speech and language assessment.
2 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6030: Speech Science
Communication Sci Disorders
Physiology and acoustics of the speech mechanism: ventilation, phonation, resonance, articulation, and audition. Emphasis on instrumentation used in assessment and remediation.
2 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6050: Counseling Thry/Prac
Communication Sci Disorders
Theoretical foundations for counseling the communicatively handicapped. Emphasis on psychoanalytical theory, self-theory, ego-counseling, behavioral counseling, and client-centered therapy.
2 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6130: Rsch Design & Anal
Communication Sci Disorders
Historical and contemporary experimental approaches in communicative disorders; emphasis on normal parameters.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6200: Assmt. and Tmt. of Dysphagia
Communication Sci Disorders
Course will include anatomy and physiology of swallowing, etiologies of dysphagia and assessment and intervention techniques. Advanced study includes ethical and professional issues for pediatric and adult populations.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6210: Pediatric Feeding & Swallowing
Communication Sci Disorders
This course provides an in-depth study of principles of assessment and diagnosis of pediatric feeding and swallowing disorders in communication sciences and disorders. Students will learn how to administer, interpret assessment results, and plan treatment for pediatric feeding and swallowing disorders.
2 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6220: Voice and Resonance Disorders
Communication Sci Disorders
Organic and nonorganic disorders of voice.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6240: Craniofacial Anomalies
Communication Sci Disorders
Provides the foundation in the science and theory of genetics, embryology, and other mechanical factors associated with craniofacial anomalies; medical, prosthetic, and behavioral interventions of related resonance, articulation and swallowing disorders secondary to craniofacial anomalies will be presented.
2 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6250: Autism and Dev.al Disabilities
Communication Sci Disorders
Theoretical constructs, assessment, and treatment of autism and other intellectual and developmental disabilities.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6260: Aphasia
Communication Sci Disorders
Study of etiology, testing, and therapeutic principles of management of aphasia, with special emphasis on neurological and linguistic aspects. Prerequisite requirements for this course may also be satisfied by consent of instructor.
3 credits
Prerequisites
(CSCD 5050 with minimum grade of C) or (CSCD 5550 with minimum grade of C).
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6270: Motor Speech Disorders
Communication Sci Disorders
Theoretical constructs, assessment, and treatment of speech disorders of a neurologic origin in children and adults. Research, clinical, and educational practices of augmentative and alternative communication assessment and treatment procedures will be included. Prerequisite requirements for this course may also be satisfied by consent of instructor.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6280: Cognitive Neurorehabilitation
Communication Sci Disorders
This course provides in-depth understanding of principles of assessment and treatment of neurocognitive communication disorders across the rehabilitative spectrum of care. Coursework will include topics of traumatic brain injury, right hemisphere disorders, and dementia.
2 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6320: Wkshp in Comm Sci.s & Dxs
Communication Sci Disorders
Intensive short-term study of selected issues and clinical procedure in communication sciences and disorders. May be repeated for credit a maximum of 6 credit hours.
1 - 3 credits
Potentially offered with the following Instruction Type(s):
Seminar

CSCD 6420: Child Lang Diag.s & Interv.
Communication Sci Disorders
Diagnosis and intervention for language disorders in children, from birth through adolescence.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6430: Birth to Five
Communication Sci Disorders
This course is an advanced study of language impairments in children from birth to five years of age. Students will learn how to classify definitions and theories of language disorders in young children, relate theories of language acquisition to intervention techniques, use norm-referenced tests, criterion-referenced procedures, and behavioral observations for language assessment and treatment planning in the birth to five population.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6440: Language and Literacy
Communication Sci Disorders
This course provides an in-depth study of current theories, literature, assessment techniques, and intervention strategies for children with oral and written language disorders who are aged 5 years to late adolescents/ young adulthood.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6810: Professional Issues: Seminar I
Communication Sci Disorders
This seminar provides in-depth discussion concerning current topics about entry into the profession of speech-language pathology and will include topics such as evidence-based practice, documentation, service delivery, parent/caregiver training, ethical practice, advocacy, and other current issues.
1 credit
Potentially offered with the following Instruction Type(s):
Laboratory, Lecture

CSCD 6820: Professional Issues: Sem II
Communication Sci Disorders
1 credit
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6830: Professional Issues: Sem. III
Communication Sci Disorders
This seminar provides in-depth discussion concerning current topics about entry into the profession of speech-language pathology and will include topics such as evidence-based practice, professional organizations, leadership, professional careers, licensure, certification, and other current issues.
1 credit
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6900: Prof. Eth., Licensure, & Curr
Communication Sci Disorders
Introduction to issues in ethics, licensure, certification, and professional practice in communication disorders that speech-language professionals will encounter, including regulatory, billing practices, service-delivery models, and the role of advocacy for client services. Course is limited to communication sciences and disorders graduate students.
3 credits
Potentially offered with the following Instruction Type(s):
Lecture

CSCD 6910: Graduate Practicum
Communication Sci Disorders
Advanced application of diagnostic and clinical management procedures.
2 credits
Potentially offered with the following Instruction Type(s):
Internship
Course Fees:
$225.00

CSCD 6920: Graduate Practicum
Communication Sci Disorders
Advanced application of diagnostic and clinical management procedures.
2 credits
Potentially offered with the following Instruction Type(s):
Internship
Course Fees:
$225.00

CSCD 6930: Graduate Practicum
Communication Sci Disorders
Advanced application of diagnostic and clinical management procedures.
2 credits
Potentially offered with the following Instruction Type(s):
Lecture
Course Fees:
$225.00

CSCD 6940: Graduate Practicum
Communication Sci Disorders
Advanced application of diagnostic and clinical management procedures.
3 credits
Potentially offered with the following Instruction Type(s):
Internship
Course Fees:
$225.00

CSCD 6950: Graduate Practicum
Communication Sci Disorders
Advanced application of diagnostic and clinical management procedures. (May be repeated for credit).
2 - 6 credits
Potentially offered with the following Instruction Type(s):
Laboratory
Course Fees:
$225.00

CSCD 6970: Thesis
Communication Sci Disorders
No grade
1 - 12 credits
Potentially offered with the following Instruction Type(s):
Thesis