COMMUNICATION SCIENCES AND DISORDERS (CODS)

Courses

CODS 210 - Introduction to Human Disabilities **Credits 3**
Survey of various types of human disabilities with an emphasis on communication disorders. Explores the roles of speech-language pathologists, audiologists, physical therapists and occupational therapists in working with people with disabilities. **Note(s):** Open to all majors. **Grade Mode:** A.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 318 - Neuroanatomical Foundations for Communication Disorders **Credits 3**
An in-depth analysis of the nervous system as it pertains to communication and communication disorders. In addition, various neurological disorders will be surveyed that can affect communication. These include, but are not limited to, ALS, Parkinson's disease, stroke, brain tumor, etc. **Grade Mode:** A.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 321 - Clinical Phonetics and Phonology **Credits 3**
The study of phonetic transcription and phonological theory and the application of these concepts to patients with disordered speech. **Grade Mode:** A.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 324 - Anatomy and Physiology of Speech and Hearing **Credits 3**
Anatomy and physiology of the speech and hearing mechanisms. The normal processes of respiration, phonation, articulation, resonance and hearing are covered. **Grade Mode:** A.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 325 - Speech and Hearing Science **Credits 3**
Introduction to acoustics of sound and the physiology and acoustics of speech production and hearing; basic anatomy will also be discussed. Topics include voice, resonance, and individual speech segments as well as instrumentation for analyzing the acoustic and perceptual characteristics of speech and hearing. **Grade Mode:** A.
Prerequisite(s): CODS 210.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 328 - Fluency Disorders **Credits 3**
Review of the theories concerning etiology of fluency disorders. Survey assessment and treatment approaches for stuttering and cluttering.
Grade Mode: A.
Prerequisite(s): CODS 210.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 331 - Speech and Language Development and Disorders (Birth to 5yrs) **Credits 3**
Normal development of speech and language in children in terms of syntax, semantics, phonology and pragmatics. Motor and cognitive development surveyed. Including the study of delayed language development and childhood language disorders with theories concerning etiology, classification, evaluation and therapy for children birth to 5 years old. **Grade Mode:** A.
Prerequisite(s): CODS 210.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 332 - Speech and Language Development and Disorders (5yrs to Adolescence) **Credits 3**
Normal development of speech and language in children in terms of syntax, semantics, phonology and pragmatics. Motor and cognitive development surveyed. Including the study of delayed language development and childhood language disorders with theories concerning etiology, classification, evaluation and therapy for children 5 years old to adolescents. **Grade Mode:** A.
Prerequisite(s): CODS 331.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 418 - Multicultural Topics in Communication Disorders **Credits 3**
Involves the assessment and intervention of students from multicultural backgrounds with speech and/or language difficulties. Attention paid to developing 'cultural sensitivity' and an awareness of the cultural and bilingual influences on assessment and intervention decisions. The course is intended to prepare the student for effective and innovative work with clients from diverse populations. **Grade Mode:** A.
Prerequisite(s): CODS 210.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 422 - Neurogenic Communication Disorders **Credits 3**
Covers theory, psychology, assessment and treatment of cognitive and communication disorders resulting from stroke, traumatic brain injury, and other neurological problems. Diagnoses covered include aphasia, right hemisphere syndrome, head injury, apraxia, dysarthria and dementia.
Grade Mode: A.
Prerequisite(s): CODS 210, CODS 318, CODS 324.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 424 - Aural Rehabilitation **Credits 3**
Review of management procedures used by professionals for the rehabilitation/habitation of persons with hearing impairments. Includes speech reading, auditory training, hearing aids and other communication systems and assistive listening devices. **Grade Mode:** A.
Prerequisite(s): CODS 425.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 425 - Audiology **Credits 3**
Introduction to audiology including anatomy and physiology of the ear, interpreting audiograms, pathologies, pediatric hearing testing and sound. Practical experience in hearing testing and screening will be given. **Grade Mode:** A.
Prerequisite(s): CODS 318, CODS 324, CODS 325.
Restriction(s): Must be Undergraduate Level.
Course Fee: $45.

CODS 429 - Clinical Practicum: Biola Speech/Language Clinic Credits 1-2
Supervised experience working with persons with communication disorders in the Biola Speech Clinic and offsite locations. **Grade Mode:** A.
Prerequisite(s): CODS 332, CODS 439, CODS 441, CODS 442; and 25 observation hours.
Restriction(s): Must be Undergraduate Level.
Repeat Limit (total number of credits): 6.
Course Fee: $50.

CODS 432 - Dysphagia Credits 3
The anatomy and physiology of normal swallowing and the anatomic and physiologic disturbances affecting deglutition, emphasizing radiographic and bedside diagnostic and treatment procedures. **Grade Mode:** A.
Prerequisite(s): CODS 210, CODS 318, CODS 324.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 439 - Speech Sound Disorders Credits 3
Overview of the etiologies, diagnosis and remediation of articulation and phonological problems. **Grade Mode:** A.
Prerequisite(s): CODS 210, CODS 321.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 440 - Communication Disorders Internship Credits 1-3
For students prepared to gain practical experience usually off campus in a work situation. **Grade Mode:** A.
Prerequisite(s): Limited to qualified juniors or seniors.
Restriction(s): Must be Undergraduate Level.
Repeat Limit (total number of credits): 6.

CODS 441 - Diagnostic Methods Credits 3
Survey of procedures ranging from interviewing to formal and informal tests involved in the evaluation and assessment of speech, language, voice, cognitive and swallowing problems in children and adults. **Grade Mode:** A.
Prerequisite(s): CODS 210, CODS 324.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 442 - Therapeutic Methods Credits 3
Introduction to general therapeutic approaches and specific techniques of habilitation and rehabilitation of speech, language, voice, cognitive and swallowing problems in child and adult populations. **Grade Mode:** A.
Prerequisite(s): CODS 210, CODS 324.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 444 - Voice Disorders Credits 3
Topics to be covered in this course include normal voice anatomy and physiology and voice disorders across the lifespan. Causes and characteristics of voice disorders as well as basic assessment and treatment methods will be addressed. **Grade Mode:** A.
Prerequisite(s): CODS 210, CODS 324.
Restriction(s): Must be Undergraduate Level.
Course Fee: $20.

CODS 450 - Communication Disorders Practicum Credits 1-3
Directed practical experience in the various fields of communication disorders. **Grade Mode:** A.
Restriction(s): Must be Undergraduate Level.
Repeat Limit (total number of credits): 6.

CODS 460 - SLPA Clinical Internship Credits 1-3
Internship course in which students work under the supervision of a licensed speech-language pathologist in order to gain experience in the field of speech-language pathology and earn hours that can be used to apply for a California Speech-Language Pathologist Assistant License.
Grade Mode: A.
Prerequisite(s): CODS 332, CODS 439, CODS 441, CODS 442; and 25 observation hours.
Restriction(s): Must be Undergraduate Level.
Repeat Limit (total number of credits): 6.

CODS 466 - Research in Communication Disorders Credits 3
Survey of research terminology and methods as well as an emphasis on critiquing research. Course includes a student capstone research project.
Grade Mode: A.
Restriction(s): Must be Senior Class; and Undergraduate Level.
Course Fee: $20.

CODS 470 - Communication Disorders Seminar Credits 1-3
Various aspects and problems in communication disorders. **Note(s):** Special approval required. **Grade Mode:** A.
Restriction(s): Must be Undergraduate Level.
Repeat Limit (after first attempt): 10.
Course Fee: $20.

CODS 480 - Directed Research Credits 1-3
Individual research in areas of communication disorders determined in consultation with the instructor. **Grade Mode:** A.
Restriction(s): Must be Undergraduate Level.
Repeat Limit (total number of credits): 3.
Course Fee: $20.