

# COMM SCIENCES & DISORDERS (COSD)

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## COSD 100 Introduction to Language and Communication

This course presents an introduction to linguistics, which is the study of human language and communication. Each major branch of linguistics is surveyed with an emphasis on the structure, content, and use of English. This course also explores language variation and the relationship between language and culture, language and the brain, and how children develop language. Students practice techniques for linguistic analysis, and clinical applications to the fields of speech-language pathology and psychology are discussed. This class is cross-listed with PSY 242.

## COSD 100P Introduction to Language and Communication

This course presents an introduction to linguistics, which is the study of human language and communication. Each major branch of linguistics is surveyed with an emphasis on the structure, content, and use of English. This course also explores language variation and the relationship between language and culture, language and the brain, and how children develop language. Students practice techniques for linguistic analysis, and clinical applications to the fields of speech-language pathology and psychology are discussed. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree

## COSD 102 Introduction to Communication Disorders

This course is an introductory survey of normal processes and disorders of speech, language, and hearing. The behavioral and social consequences of communication disorders in people throughout the life span are presented. Different categories, symptoms, and causes of communication disorders are examined. The roles of the Speech-Language Pathologist and Audiologist in the evaluation and treatment of communication disorders are discussed. Preferred American Speech-Language Hearing Association (ASHA) practice patterns pertaining to a variety of professional situations are surveyed. Restriction(s): CSD majors and minors

## COSD 102P Introduction to Communication Disorders

This course is an introductory survey of normal processes and disorders of speech, language, and hearing. The behavioral and social consequences of communication disorders in people throughout the life span are presented. Different categories, symptoms, and causes of communication disorders are examined. The roles of the speech-language pathologist and audiologist in the evaluation and treatment of communication disorders are discussed. Preferred American Speech-Language-Hearing Association (ASHA) practice patterns pertaining to a variety of professional situations are surveyed. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree

## COSD 200 Phonetics

This course involves the exploration and study of American English pronunciation through the application of the International Phonetic Alphabet (IPA). Students will be trained in transcription of English phonemes and allophones and introduced to distinctive feature analysis, phonological rules, prosodic features, and dynamics of articulation, American dialectal variants, and developmental phonology. Restriction(s): CSD majors and minors

## COSD 200P Phonetics

This course involves the exploration and study of American English pronunciation through the application of the International Phonetic Alphabet (IPA). Students will be trained in transcription of English phonemes and allophones and introduced to distinctive feature analysis, phonological rules, prosodic features, dynamics of articulation, American dialectal variants, and developmental phonology. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree

## COSD 201 Introduction to Sign Language

This course is designed for students with no previous knowledge of American Sign Language (ASL). Students will acquire basic ASL skills needed to communicate in a wide variety of situations.

## COSD 202 Anatomy and Physiology of the Speech and Hearing Mechanisms

This course is designed to give students a basic understanding of the structural organization (anatomy), function (physiology), and neural control for speech production and hearing. The course will emphasize both normal and disordered systems. Restriction(s): CSD majors and minors Prerequisite(s): BIO 158 or BIO 210 or BIO 161 or permission of instructor.

## COSD 202P Anatomy And Physiology of the Speech and Hearing Mechanisms

This course is designed to give students a basic understanding of the structural organization (anatomy), function (physiology), and neural control for speech production and hearing. The course will emphasize both normal and disordered systems. Two hours lecture, four hours laboratory. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree Prerequisite(s): BIO 158 or BIO 210 or BIO 161 and BIO 162, or BIO 164P WB, or permission of instructor.

## COSD 203 Speech and Language Development

This course explores typical language development from birth through adolescence. The social, biological, perceptual, and cognitive bases of language are presented, and various theories of language development are compared. Students gain knowledge of the typical sequence of development in the areas of phonology, semantics, morphology, syntax, and pragmatics through language sample analysis and video observation. Other topics include bilingual language acquisition, cultural and linguistic variation, and the relationship between oral language development and literacy. Processes of typical language development are discussed as a guide for the evaluation and treatment of children with developmental language disorders. This course is cross-listed with PSY 342. Restriction(s): CSD majors and minors Prerequisite(s): COSD 100 or permission of instructor

## COSD 203P Language Development

This course explores typical language development from birth through adolescence. The social, biological, perceptual, and cognitive bases of language are presented, and various theories of language development are compared. Students gain knowledge of the typical sequence of development in the areas of phonology, semantics, morphology, syntax, and pragmatics through language sample analysis and video observation. Other topics include bilingual language acquisition, cultural and linguistic variation, and the relationship between oral language development and literacy. Processes of typical language development are discussed as a guide for the evaluation and treatment of children with developmental language disorders. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree Prerequisite(s): COSD 100, COSD 100P W, or permission of instructor.

**COSD 211 Acoustic Bases of Speech and Hearing**

This course explores the physical characteristics of speech sounds and the psychophysical processes involved in speech production, hearing, and speech perception. This course introduces the physical properties of sound waves, resonance, the source-filter theory, spectrogram reading, decibels, and speech perception. Computer applications with practical implications are explored. Restriction(s): CSD majors and minors  
Prerequisite(s): COSD 200 or permission of instructor

**COSD 211P Acoustic Bases of Speech and Hearing**

This course explores the physical characteristics of speech sounds and the psychophysical processes involved in speech production, hearing, and speech perception. This course introduces the physical properties of sound waves, resonance, the source-filter theory, spectrogram reading, decibels, and speech perception. Computer applications with practical implications are explored. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree.

**COSD 304 Introduction to Audiology**

This course is a survey of the field of audiology, including the measurement of hearing and the nature and causes of hearing impairment in infants, children, and adults. Students are introduced to strategies used by audiologists and physicians in managing hearing impairment. Restriction(s): CSD majors and minors

**COSD 304P Introduction to Audiology**

This course is a survey of the field of audiology, including the measurement of hearing and the nature and causes of hearing impairment in infants, children, and adults. Students are introduced to strategies used by audiologists and physicians in managing hearing impairment. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree

**COSD 306 Neurological Bases of Communication and Behavior**

This course is an examination of the structure (neuroanatomy), organization (neurophysiology), and functions of the central and peripheral nervous systems as they relate to speech, language, hearing, and cognition. Behavioral manifestations of normal and abnormal brain functioning are contrasted. Restriction(s): CSD majors and minors  
Prerequisite(s): COSD 202 or permission of instructor

**COSD 306P Neurological Bases of Communication and Behavior**

This course is an examination of the structure (neuroanatomy), organization (neurophysiology), and functions of the central and peripheral nervous systems as they relate to speech, language, hearing, and cognition. Behavioral manifestations of normal and abnormal brain functioning are contrasted. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree  
Prerequisite(s): COSD 202 or COSD 202P W or equivalent, or permission of instructor.

**COSD 308 Clinical Procedures in Speech-Language Pathology**

This course introduces the communication sciences and disorders major to the clinical and supervisory process. Basic information regarding certification, professional standards, and ethics are discussed. Goal setting, lesson planning, methods of observing, describing and recording behavior, informal assessment and related topics are also discussed. Behavioral observation and computer technology in the measurement and modification of speaker/listener attributes are examined. Students develop clinical writing skills appropriate to various speech-language pathology settings. This course is an introduction to the clinical process and requires observation of a wide variety of clinical cases. Restriction(s): For CSD majors and minors  
Prerequisite(s): COSD 102, COSD 200, COSD 203, or permission of instructor

**COSD 308P Clinical Procedures in Speech and Language Pathology**

This course introduces the speech-language-hearing science major to the clinical and supervisory process. Basic information regarding certification, professional standards, and ethics are discussed. Goal setting, lesson planning, methods of observing, describing and recording behavior, informal assessment, and related topics are also discussed. Behavioral observation and computer technology in the measurement and modification of speaker/listener attributes are examined. Students develop clinical writing skills appropriate to various speech-language pathology settings. This course is an introduction to the clinical practicum experience and requires observation of a wide variety of clinical cases. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree  
Prerequisite(s): COSD 102, COSD 200, COSD 203, COSD 102P W, COSD 200 P W, COSD 203 P W, or equivalents, or permission of instructor.

**COSD 314 Diagnostic Procedures in Speech-Language Pathology**

This course provides students majoring in Communication Sciences and Disorders with a framework for understanding the diagnostic process in speech-language pathology. Principles and procedures common to the diagnosis of most communication and swallowing disorders are presented. Students will gain practice obtaining and interpreting assessment information including case history interviews, standardized testing, and informal assessments. Professional report writing and the presentation of findings are emphasized. Culturally and linguistically responsive assessment practices are presented. The ASHA Code of Ethics in relation to assessment procedures is discussed. Restriction(s): CSD majors and minors  
Prerequisite(s): COSD 102, COSD 200, COSD 203, or permission of instructor

**COSD 314P Diagnostic Procedures in Speech and Language Pathology**

This course provides students majoring in Communication Sciences and Disorders with a framework for understanding the diagnostic process in speech-language pathology. Principles and procedures common to the diagnosis of most communication and swallowing disorders are presented. Students will gain practice obtaining and interpreting assessment information including case history interviews, standardized testing, and informal assessments. Professional report writing and the presentation of findings are emphasized. Culturally and linguistically responsive assessment practices are presented. The ASHA Code of Ethics in relation to assessment procedures is discussed. Restriction(s): For PreSLP Students only. Not available to CSD day students. Students must have a minimum of a bachelor's degree  
Prerequisite(s): COSD 102, COSD 200, COSD 203, COSD 102P W, COSD 200P W, COSD 203 P W, or equivalents, or permission of instructor.

**COSD 409 Multicultural Perspectives on Communication Disorders**

This course presents students with issues related to cross-linguistic and cross-cultural differences as they affect clinicians in the field of communication sciences and disorders. Topics include important sociolinguistic concepts, cross-cultural communication, assessment alternatives, and intervention strategies. Non-biased diagnosis and remediation of speech, language, fluency, voice, and hearing disorders among culturally and linguistically diverse groups are discussed. Restriction(s): CSD majors and minors  
Prerequisite(s): COSD 102, COSD 200 or permission of instructor

**COSD 413 Professional Issues in Speech-Language Pathology**

This course examines the organization, administration, and implementation of speech and language pathology services in varied settings. These settings include public and private schools; special schools; clinics; rehabilitation hospitals and agencies; acute-care hospitals; and private practices. The course emphasizes the professional role of the SLP and discusses the ethical, legal, and professional standards of practice. The impact of external pressures, e.g., fiscal and efficacy issues, on the practice of speech-language pathology is also addressed. Multicultural variables impacting the practice of speech-language pathology from the legal and ethical perspectives are discussed. Prerequisite(s): COSD 308 or permission of instructor

**COSD 435 Communication Sciences and Disorders Undergraduate Capstone**

This course reviews and integrates knowledge of normal human communication and contrasts it with disordered human communication and swallowing, preparing the student for graduate education. As part of the review the student will complete clinical observation hours as an introduction to the clinical practicum experience and requires observation of a wide variety of clinical cases. Goal setting, lesson planning, methods of observing, describing and recording behavior, informal assessment and related topics are also discussed. The student develops clinical writing skills appropriate to various speech-language pathology service delivery settings. This meets ILO 2.2 Students examine how their personal, professional, religious, or spiritual values inform their disciplinary worldviews. Restriction(s): CSD majors Prerequisite(s): COSD 409 and COSD 413

**COSD 444 Independent Research****COSD 471 Special Topics**