

## COSI Courses

### COSI 101. Introduction to Health Communication. 3 Units.

An introductory examination of the influences associated with the functions of human life, communication processes, and research related to health and the health care industry from interpersonal, cultural, and organizational communication perspectives. The course will include a review of the history and development of health communication and the understanding and application of communication theories. **Fall Semester**

### COSI 109. Introduction to Communication Disorders. 3 Units.

Forty-two million Americans have some type of communication disorder. How does a person with a communication disorder cope with the challenges of daily living? This course will examine the characteristics of communication disorders via first hand and fictionalized accounts in books, films, and simulated communication disorders experiences. Topics will include disorders of speech, language, and hearing in children and adults. Effects of communication disorders on families.

### COSI 200. Interpersonal Communication. 3 Units.

Communication is a primary means of initiating, maintaining, and dissolving relationships. Managing interpersonal relationships is a human concern across several contexts. Interpersonal communication is a highly interactive course whereby participants investigate the foundations, processes, and issues associated with communication in relationships. The student will become sensitized to theories and processes via traditional lectures and textbook readings. The student is also expected to participate in group discussions. The result is a continuous dialogue with others about communication processes, and outcomes. The goal of this course is to provide a forum for both investigation and increased competence. **Spring Semester**

### COSI 211. Phonetics and Phonology. 3 Units.

Theoretical and applied study of the speech sounds of language. The use of the international phonetic alphabet as a tool for characterizing normal and deviant sound patterns. The linguistic structure and function of speech sound systems of both the adult and developing child.

### COSI 220. Introduction to American Sign Language I. 3 Units.

This course offers basic vocabulary training and conversational interaction skills in American Sign Language. Syntactic and semantic aspects of American Sign Language will be addressed.

### COSI 221. Introduction to American Sign Language II. 3 Units.

This class is taught without voice, using functional, whole language approaches and in situ experiences, emphasizing communicative competency. It emphasizes sentence structure development, classifiers, and conversational regulating behaviors. It also covers inflection, role shifting, adverbial non-manual behaviors, temporal aspects, sequencing, and includes a brief introduction to ASL English diglossia and bilingual aspects. There will be opportunities for discussion of deaf culture. Prereq: COSI 220.

### COSI 260. Multicultural Aspects of Human Communication. 3 Units.

Introduces intercultural/interracial communication by discussing specific communication principles and by putting theory into practice by exploring differences in perception, and verbal and nonverbal communication messages. Course emphasizes relationship between communication, race, culture; nature of race and culture; and how they influence the communication process. Various theories and approaches to study of intercultural/interracial communication will be discussed, along with significant concepts, processes and considerations. Practical outcomes of intercultural/interracial encounters also will be discussed. Counts for CAS Global & Cultural Diversity Requirement.

### **COSI 261. Multicultural Aspects of Communication Disorders. 3 Units.**

Introduces intercultural/interracial communication principles and includes the exploration of differences in perceptions for communication messages. Provides students with a basic understanding of the differences associated with assessment, intervention, and identification of communication disorders for culturally and linguistically diverse populations. Students will critically analyze best practice approaches for communication disorders for diverse populations including differences in race, ethnicity/culture, sexual orientation, gender identity, and socio-economic status. Practical outcomes that can encourage more positive intercultural/interracial encounters will be discussed.

### **COSI 280. Organizational Communication. 3 Units.**

This course includes a review of the development of organizational communication theories and how application of theories enhances our understanding of various types of organizations. COSI 280 addresses the communication challenges faced by contemporary organizational leaders and members. Knowledge of the theories and development of analytical skills should improve students' chances for successful interactions in diverse organizational situations and cultures. **Spring Semester**

### **COSI 301. Professional Speaking. 3 Units.**

This course is designed to introduce students to theories and practices and to develop their abilities to speak effectively in public. Students will develop skills in organization and presentation of ideas for public and conference forums, in critical listening, and in proper use of technology. Students demonstrate abilities via written assignments, skill building exercises, oral presentations, rhetorical analysis, and group projects. The expectations in this course include high levels of participation and interaction. This is a departmental seminar course with a focus on formal presentation in settings related to health care. This course will be beneficial to students planning professions in the health sciences where responsibilities include public instruction and exposition and for those preparing for capstone presentations in the Department of Psychological Sciences programs. Activities include: 1. Readings from McKerrow et al. text, 2. Class discussions related to communication competence in differing communication settings, 3. Application opportunities to give speeches, to work in groups, and relate with others in one-on-one situations, 4. Written assignments. Counts as SAGES Departmental Seminar. Prereq: Completion of 100 level first year seminar in USFS, FSCC, FSNA, FSSO, FSSY, or FSCS and either COSI 109 or PSCL 101.

### **COSI 302. Instrumental Measurements in Speech Sciences. 3 Units.**

This course will provide hands on experience on techniques for instrumental measurements of speech and voice parameters, for applications to assessment and diagnosis of speech and voice disorders, to linguistic analysis of speech parameters (prosodic and segmental), and to speech production modeling. In particular, instrumental measures of voice parameters will be carried out by Electroglottography; evaluation of Voice Range Profile and of perturbation of frequency (jitter) and amplitude (shimmer) of the laryngeal waveform, by dedicated KayPentax software (Visi-pitch and Voice Range Profile) and by Praat software; spectrographic analyses will be carried out by Praat software, and articulographic measurements will be performed by an AG200 Electromagnetic Articulograph. Nasalance will be measured by a KapyPentax nasometer. Emphasis on use rather than theory. All instrumentation is available at the Case Speech Production Lab. Recommended preparation: COSI 211, COSI 321/421, and COGS 203, or bases in phonetics, linguistics and speech science; also Physics and Engineering instrumentation courses are good preliminaries to this course. Offered as COSI 302 and COSI 402.

### **COSI 305. Neuroscience of Communication and Communication Disorders. 3 Units.**

The course focus is neuroanatomy and neurophysiology related to motor control and cognition, particularly aspects of cognition involved in language functions. Topics to be addressed include: principles of neurophysiology and neurochemistry; functional neuroanatomy of the central and peripheral nervous systems; neurological and neuropsychological assessment of communication; neurodiagnostic methods. In part, the course material will be presented in a problem-based learning format. That is, normal aspects of human neuroscience will be discussed in the context of neurological disorders affecting communication. COSI 305 is an elective for undergraduate students. COSI 405 is an introduction to COSI 557 and COSI 561, and a required course for graduate students. Offered as COSI 305 and COSI 405.

### **COSI 313. Language Development. 3 Units.**

Language acquisition theory and stages of development of syntax, semantics, pragmatics, and phonology in children. Contributions of biological, social, cognitive and environmental factors to process of language development. Information on language variation in multicultural populations. Open to majors and non-majors. Recommended prerequisite: Child Psychology. Offered as COSI 313 and COSI 413.

### **COSI 321. Speech and Hearing Science. 3 Units.**

The course will focus on the aspects of normal speech production and perception and hearing perception. The purpose of this course is to provide a foundation in normal aspects of oral communication that will prepare students for advance study in the assessment and management of disorders of speech and hearing perception. Topics to be covered include motor speech control, aeromechanics, basic acoustics, phonatory acoustics, speech and hearing acoustics, psychoacoustics, and speech and hearing perception. Recommended preparation: COSI 325. Offered as COSI 321 and COSI 421.

### **COSI 325. Anatomy and Physiology of Speech and Hearing Mechanism. 3 Units.**

The course will focus on normal anatomy and physiology of the body systems involved in the processes of speech, language, hearing, and swallowing including the following: the auditory, respiratory, phonatory, articulatory, resonatory, and nervous systems. In part, the course material will be presented in a problem-based learning format. That is, normal aspects of human anatomy and physiology will be discussed in the context of the disorders that affect the processes of human communication and swallowing.

### **COSI 332. Persuasion. 3 Units.**

This survey course explores the history, theories, and dynamics of persuasion. There is an extensive focus on theoretical models of attitude change. Persuasion also plays a strong role in everyday aspects of our culture. Along these lines, we will investigate persuasion activities in everyday life from compliance gaining to media campaigns. Learning is conveyed through lecture, activities, and observation of the student's everyday life. At the end of the semester, the astute student will be literate in a variety of persuasion strategies and dynamics. **Fall Semester**

### **COSI 340. Advanced Health Communication. 3 Units.**

Various communication processes assume a central role in the acquisition and enactment of health care. This course examines communication activity across a broad range of health care contexts. Attention will be given to provider-client communication, communication, and ethical concerns, persuasive health promotion efforts, media impact on health, and basics in health communication methodology and research. Students will consider source, message, and receiver aspects of health communication as well as cultural and illness-specific issues. Prerequisite of COSI 101 for 300 - level only. Offered as COSI 340 and COSI 440. Prereq: COSI 101. **Spring Semester**

### **COSI 345. Communication and Aging. 3 Units.**

The normal and abnormal psychobiological changes that occur during aging and their effects on communication are addressed, as are communicative interaction styles, disordered communication, and rehabilitation practices. Graduate students are given an opportunity to incorporate information from their own disciplines in a special project, where appropriate. Offered as COSI 345 and COSI 445. Counts as SAGES Departmental Seminar.

### **COSI 352. Introduction to Clinical Practice in Speech-Language Pathology. 3 Units.**

Clinical assessment and teaching procedures as well as the role of research/theory in clinical practice. Procedures to observe, measure, analyze communication skills. Practical application through case studies. Students complete 25 hours of observation of speech/language assessment and intervention. Prereq: COSI 211 or COSI 313.

### **COSI 355. Introduction to Linguistics. 3 Units.**

This course provides an introduction to linguistics, with application to clinical assessment, diagnosis and therapy of language disorders. In particular, the course provides an introduction to theory and methods of linguistics: universal properties of human language; phonetic, phonological, morphological, syntactic, and semantic structures and analysis; nature and form of grammar.

### **COSI 357. Acquired Neurogenic Communication Disorders. 3 Units.**

This course is designed to provide knowledge about the theoretical foundations, etiologies, and characterizations of acquired language-based and cognitive-communication disorders in adults. The organization of the course is designed so that we will discuss communication disorders typically associated with left hemisphere lesions (e.g., aphasia), right hemisphere lesions (e.g., RHD), frontal lobe lesions (e.g., traumatic brain injury) and mesial temporal lesions (e.g., dementia). This course is intended to provide students with a framework for considering communication disorders of diverse medical etiologies rather than specific impairment types. The course is meant to provide information that can be used as a foundation for a clinically applied course in acquired language disorders. The course will focus on critical thinking, professional presentation (both oral and written), and critical consumption of research. Recommended preparation: Instructor consent for COSI 457 only. Offered as COSI 357 and COSI 457. Prereq: COSI 109.

### **COSI 370. Introduction to Audiology. 3 Units.**

Disorders of hearing, assessment of hearing; including behavioral and objective measures; intervention strategies; and identification programs. Offered as COSI 370 and COSI 470. Prereq: COSI 321 and COSI 325.

### **COSI 390. Independent Study. 1 - 6 Unit.**

Individual study, under the guidance of a faculty member, involving specific programs of reading, research and special projects.

### **COSI 395. Capstone and Honors Program. 3 Units.**

Supervision in carrying out an independent research study in the student's area of interest. Offered every semester. Any student majoring in communication sciences (COSI) may take this course to fulfill the capstone requirement; qualified students may take this course to fulfill the capstone requirement AND to graduate with honors. During their Junior year, qualified COSI majors are encouraged to apply to the department's Honors Program, which leads to a B.A. with Honors. The program's purpose is to provide students with an intensive, supervised research experience in areas of their choice. The program consists of PSCL 375 and COSI 295 and begins in the junior year, when students receive instruction in research design and methodology. This provides the foundation for students to work under close supervision with a department faculty member during the senior year. At the end of the semester, the research project is written in scholarly form, and presented for consideration of graduation with Honors. Junior majors with a minimum 3.25 average in COSI major courses are a 3.0 overall GPA may apply. The Honors Program requires a great deal of work, and only students with a serious interest in behavioral sciences should apply. Counts as SAGES Senior Capstone. Prereq: (STAT 201 or PSCL 282) and PSCL 375.