year to year, according to current interests within the department and the profession. Prerequisite: completion of or concurrent enrollment in SPAN 302 or 315.

SPAN 380 Methods of Teaching Spanish (3)  
*Spring*  
This course involves study, discussion, and application of theories, methods, and techniques of teaching Spanish in grades K-12. Specific topics include instructional strategies, objectives and planning, content and organization, methods of instruction, curriculum trends, teaching aids, and assessment. Prerequisites: SPAN 302 or 315.

SPAN 399 Independent Study (1)  
*Varies*  

SPAN 451 Senior Seminar (1)  
*Fall*  
This course provides the context for students to engage in summative reflection upon the Christian worldview from the perspective of Spanish. This course will also serve as a forum for discussing practical matters such as future careers, graduate schools, as well as testing the student’s exit proficiency in Spanish. This course must be taken in tandem with another 300 level Spanish course. Prerequisites: Senior standing and instructor’s consent.

**SPCM SPEECH AND COMMUNICATION SCIENCES**

SPCM 115 Introduction to Speech Pathology & Audiology (3)  
*Fall*  
This course provides an introduction to human communication and its disorders, providing a survey of speech, language, and hearing behavior as a field of scientific study and practice. Major types of speech, language and hearing disorders are addressed and their relationship to academic performance provides a focus. In addition, this course addresses the origins and development of the profession as well as current requirements for professional practice.

SPCM 210 Anatomy & Physiology of Speech, Hearing, & Language Mechanisms (4)  
*Fall, Even*  
This course provides an examination of the anatomical and physiological bases for speech, language and hearing development and use. Students study the respiratory, phonatory, articulatory, auditory, and neurological structures and functions of the human body. The course includes a laboratory component.

SPCM 211 Childhood Language Development (3)  
*Spring, Even*  
This course will examine how children acquire their first language—its sounds, word meanings, grammatical structures, and use in various contexts. Students examine theories of language acquisition and language development in special populations, such as hearing impaired children and bilingual children. The course will also focus on the relationship between language development and cognitive development in children.

SPCM 212 Speech & Hearing Sciences (4)  
*Fall, Odd*  
In this course, students apply the scientific method to the studies of hearing, speech perception, and speech production. Topics include an introduction to basic acoustics, the acoustic theory of speech perception and production, psychophysical methods of measuring hearing thresholds, and acoustic phonetics. A laboratory component is included in this course.

SPCM 216 Phonetics (4)  
*Fall, Odd*  
A study of phonetic theories and the use of International Phonetic Alphabet symbols in analyzing, categorizing, and transcribing the sounds of the world’s languages, focusing on American English. The course emphasizes understanding the processes involved in the production of specific phonemes. The laboratory section of the course focuses on developing students’ skills in broad and narrow transcription.

SPCM 343 Neuroscience of Communication (3)  
*Spring, Odd*  
This course provides a thorough understanding of nervous system anatomy and physiology as it relates to speech, language, and hearing. Principles of molecular biology, systems theory, neuromuscular control, somatosensory processing and complex cognitive function are included. Select communication disorders are discussed to highlight the effects of breakdowns in nervous system function during speech, language, and hearing processes. Prerequisites: BIOL 101.

SPCM 344 Evaluation & Procedures in Audiology (4)  
*Spring, Odd*  
This course focuses on concepts about sound and its measurement and how this applies to the basic mechanisms of hearing and auditory tests. This includes the study of the classification of hearing disorders and the behavioral and electrophysiological measurement of hearing, including subjective and objective testing procedures. Prerequisites: SPCM 210, SPCM 212, and BIOL 101.

SPCM 400 Supervised Field Education (3)  
*Fall, Spring*  
Students engage in a work or volunteer experience in a setting off campus. The setting is determined by the faculty supervisor on the basis of the student’s career objectives. The placement provides an opportunity for the students to gain experience interacting with individuals presenting with a communication disorder. Students frequently meet with psychology majors.