

GMSL - SPEECH-LANG PATHOLOGY (GMSL)

GMSL 5001 Phonetics (3 Credits)

Introduction to the field of phonetics, the study of speech sound production. Topics include speech sound production (phonetics), acoustic phonetics and phonetic transcription using the International Phonetic Alphabet. Students will gain an understanding of the production and acoustic characteristics of the consonants and vowels of Spoken American English. Additional topics include segmental and suprasegmental properties, dialectical variations, and clinical applications.

GMSL 5003 Language Development (3 Credits)

This course provides students with an extensive overview of language development, across the five domains of language. Theoretical foundations and scientific principles of the study of language development are presented through the semester to explain how spoken language develops in the first five years of life. Language development is presented within the broader context of child development with applications for later study in speech-language pathology.

GMSL 5004 Audiology (3 Credits)

Overview of the important concepts and principle tests used in clinical audiology. Common pathologies of the auditory system and associated audiometric data are also emphasized.

GMSL 5005 Anat - Phys Speech Swall Mech (3 Credits)

This course provides a foundational review of topics related to speech science and the normal swallow process. This includes the anatomy, physiology, and neural underpinnings as it relates to the speech production/perception and swallowing mechanism. The clinical application of this content will be discussed.

GMSL 5006 Hearing and Speech Science (3 Credits)

This course provides an introduction to the fundamental concepts of acoustics, psychoacoustics, and the anatomy and physiology of the peripheral and central auditory mechanisms. Pathological conditions that affect those mechanisms are also introduced.

GMSL 5007 Introduction to Communication Disorders (3 Credits)

This course provides the student with an introduction to the various disorders of the speech and language mechanisms assessed and treated by the speech-language pathologist and audiologist.

GMSL 5040 Research Project II (1 Credit)

GMSL 5042 Undergraduate Research Project (2 Credits)

GMSL 5099 Independent Study (3 Credits)