BRIEF DESCRIPTION OF SPEECH-LANGUAGE PATHOLOGY COURSES:

SPTHAUD 5131 Hearing and Speech Science. 3 Credits.
The basic principles of acoustics related to speech will be introduced. Topics include generation, transmission, and measurement of sound, and physiologic and psychologic aspects of acoustic phonetics.

SPTHAUD 5134: Normal Language Acquisition. 3 Credits. This course provides an introduction to the scientific study of language. Linguistic terminology and subsystems, sociolinguistics, and psycholinguistics with emphasis on normal aspects of language acquisition are presented. Implications of linguistic theory for the practice of speech language pathology are addressed.

SPTHAUD 5136 Clinical Phonetics and Phonology. 3 Credits. This course introduces articulatory phonetics and transcription using the International Phonetic Alphabet, including extensions for non-normal speech. An overview of normal aspects of articulation and phonology including co-articulation, segmental and non-segmental phonology, and phonological acquisition will also be included. Includes laboratory exercises.

SPTHAUD 5203 Audiology Essentials for Speech-language Pathology. 2 Credits. This course will focus on the habilitation/rehabilitation of individuals with hearing impairments. Varying procedures and rationales for management in a variety of settings will be discussed. Psychological, social, and educational aspects of hearing impairment in children and adults will be addressed.

SPTHAUD 5204. Language Disorders I. 3 Credits. This course focuses on pediatric language disorders, including developmental and acquired language disorders in preschool and school-age children. Theoretical and clinical information regarding language development, and the assessment and treatment of spoken phonological, morphological, semantic, syntactic, and pragmatic disorders in preschool- and elementary school-age children will be reviewed.

SPTHAUD 5206 Speech Sound Disorders. 3 Credits. This course provides an overview of speech sound production disorders and their etiology in children. Procedures for the assessment and phonological analysis of child speech will be presented. Treatment approaches with emphasis on the establishment, generalization, and maintenance phases --will be covered.

SPTHAUD 5208 Neurogenic Communication Disorders I. 3 Credits. Normal and disordered aspects of cognitive/information processing will be studied. The nature, assessment and management of aphasia will be addressed from multiple theoretical and practical perspectives.

SPTHAUD 5210 Early Intervention and ASD. 2 Credits. This course will address assessment and intervention for the management of communication disorders in very young children, including collaborating with families and other caregivers as a part of the early intervention team. This course will also review relevant topics to autism spectrum disorder (ASD) and the role of the speech-language pathologist in interdisciplinary programs.

SPTHAUD 5490 Methods and Issues in Communication Disorders. 2 Credits.
Presentations and lectures on a variety of professional and clinical issues in audiology and speech language pathology.

SPTHAUD 5492 Methods and Issues in Communication Disorders II. 2 Credits.
Presentations and lectures on a variety of professional and clinical issues in audiology and speech language pathology.

SPTHAUD 5494 Introduction to Speech-language Clinic 2 Credits.
This course introduces the techniques and materials used in speech and language assessment and evaluation, treatment, ethics and professionalism, and structure of clinical practice. Twenty-five hours of clinical observation required.

SPTHAUD 5496 Issues in Communication Disorders IV. 2 Credits.
Presentations and lectures on a variety of professional and clinical issues in audiology and speech language pathology.

SPTHAUD 5498 Issues in Communication Disorders V : Multicultural issues, Professionalism, and Ethics. 2 Credits. Presentations and lectures on a variety of professional and clinical issues in audiology and speech language pathology.

SPTHAUD 6100 Research in Communication Disorders. 3 Credits.
Ethical and methodological considerations in speech-language pathology and audiology research. Critical evaluation of research. Application of research to clinical practice.

SPTHAUD 6130 Neuroscience. 3 Credits. The structure and function of the nervous system are presented and analyzed, with an emphasis on hearing, speech, and language central organizations. Emphasis is on normal structure and function so the clinician can better understand abnormalities.

SPTHAUD 6150 Topics in Autism Spectrum Disorders and Neurodevelopmental Disabilities
This course targets topics relevant to autism spectrum disorders (ASD) and other neurodevelopmental disabilities (NDD) within life course and social determinants of health (SDoH) frameworks. Classes focus on strategies, systems and resources relevant to children with ASD/NDD and their families. Content and experiences are organized around developmental periods including pre-, peri-, and post-natal, early childhood, school, transition to adulthood and adulthood. The course also includes embedded clinical/field experiences to provide students opportunities for application and reflection. Students are required to complete experiences that focus on early detection, diagnosis, care coordination and treatment of children who have, or are at risk for, ASD/NDD.

SPTHAUD 6201 Anatomy and Physiology of Speech and Hearing. 4 Credits.
Detailed anatomy and physiology of the systems involved in speech and hearing, including cadaver dissection. The nervous system, respiration, phonatory-articulatory systems, and auditory system are included. Laboratory required.

SPTHAUD 6204 Motor Speech and Related Disorders. 3 Credits.
This course will focus on motor speech disorders (e.g., dysarthria and apraxia of speech). The neuroanatomy and neurophysiology underlying these disorders will be explored. Motor control will be addressed across the domains of acoustics, aerodynamics, and kinematics. The assessment, diagnosis, and treatment of motor speech disorders will be approached from both theoretical and clinical perspectives.

SPTHAUD 6206 Pediatric Dysphagia. 3 Credits. The overall goals of this section of the course are to familiarize students to pediatric feeding and swallowing including typical development, issues associated with special populations, assessment (instrumental and non-instrumental) and intervention.

SPTHAUD 6208 Neurogenic Communication Disorders II. 3 Credits. The purpose of this course is to provide an understanding of communication changes, communication disorders, and service delivery options from a gerontological perspective. An overview of direct services offered to communicatively impaired older adults and ancillary or support services will be given. Treatment strategies addressing environment, significant others, and associated professional services will be covered.

SPTHAUD 6210 Fluency Disorders. 2 Credits.
The theoretical foundations of dysfluent behavior will be reviewed. Differential diagnosis and principles of therapeutic techniques for children and adults will be studied.

SPTHAUD 6212 Voice and Related Disorders. 3 Credits.
This course addresses the nature, course, evaluation, and treatment of voice and related disorders in children and adults.

SPTHAUD 6214 Diagnostics and Evaluation in Speech-Language Pathology. 4 Credits. The diagnostic process as it pertains to all speech-language pathology disorders will be presented. The course covers the application of evaluation principles and methods of both formal and informal measurement in speech-language pathology.

SPTHAUD 6216 Augmentative and Alternative Communication. 3 Credits
This course will explore the assessment and treatment of persons requiring non-speech communication.

SPTHAUD 6218 Dysphagia. 4 Credits. Lectures will cover anatomy and physiology of the normal swallow, abnormal physiological and anatomical conditions leading to dysphagia, and assessment and treatment of strategies for swallowing disorders. A lab component (Modified Barium Swallow Impairment Profile of MBSImP) will be used to promote functional understanding of dysphagia and to promote classroom to clinic transition.

SPTHAUD 6222 Language Disorders II. 3 Credits. This course reviews the relationships between reading, writing, and speech and the impact on school performance in school-age children and adolescents. Evidence-based practices for the assessment and intervention of school-age children and adolescents with language and literacy disorders are reviewed.

SPTHAUD 6228 Medical Aspects of Speech-Language Pathology. 3 Credits
This course is designed to develop students' familiarization with issues related to the practice of speech-language pathology within the healthcare environment. Topics will include charting, medical abbreviations, ethics, multicultural considerations, and universal precautions. Additionally, as the final course in the sequence of neurogenic communication disorders, one section will be focused on the evaluation and treatment of communication disorders associated with Traumatic Brain Injury (TBI).

SPTHAUD 6702. Clinic Practicum I. 1 Credit.
This course involves supervised clinical experiences for speech language pathology students.
SPTHAUD 6704 Clinic Practicum II. 1 Credit.
This course involves supervised clinical experiences for speech-language pathology students.
SPTHAUD 6706 Clinic Practicum III. 1 Credit.
This course involves supervised clinical experiences for speech-language pathology students.
SPTHAUD 6708Clinic Practicum IV. 6 Credits.
This course involves supervised clinical experiences for speech-language pathology students.
SPTHAUD 6710 Clinic Practicum V. 6 Credits. This course involves supervised clinical experiences for speech-language pathology students.