

## **BRIEF DESCRIPTION OF SPEECH LANGUAGE PATHOLOGY COURSES:**

### **SPTHAUD 5100 Survey of Communication Disorders. 3 Credits.**

A survey of the normal and abnormal processes in communication, including articulation, voice, fluency, and language. Audiology students may take this course to meet the speech disorders requirement.

### **SPTHAUD 5132 Speech Science. 3 Credits.**

The basic principles of acoustics related to speech will be introduced. Topics include: generation, transmission, and measurement of sound; frequency, intensity and duration, waveform composition, physiologic and psychological aspects of acoustic phonetics.

### **SPTHAUD 5134 Clinical Linguistics and Psycholinguistics. 3 Credits.**

Introduction to the scientific study of language. Overview of linguistic terminology and subsystems, sociolinguistics, and psycholinguistics with emphasis on normal aspects of language acquisition. Implications of linguistic theory for the practice of speech language pathology.

### **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 5200 Articulation and Phonological 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. Treatment approaches -- with emphasis on the establishment, generalization, and maintenance phases will be covered.

### **SPTHAUD 5201 Clinical Audiology. 3 Credits.**

Introduction to the etiologies influencing hearing assessment procedures and management techniques. Observations and clinical laboratory will be required.

### **SPTHAUD 5203 Principles of Managing the Hearing Impaired. 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 Diagnostics and Assessment. 3 Credits.**

Varying types of language impairment that are found in children with atypical development are overviewed. Standardized and non-standardized assessment procedures are presented, and basic intervention techniques for children are addressed.

### **SPTHAUD 5208 Neurogenic 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 5490 Issues in Communication Disorders. 2 Credit.**

Presentations and lectures on a variety of professional and clinical issues in audiology and speech language pathology.

### **SPTHAUD 5492 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 Issues in Communication Disorders III. 2 Credits.**

Presentations and lectures on a variety of professional and clinical issues in audiology and speech language pathology.

### **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. 2 Credits.**

Presentations and lectures on a variety of professional and clinical issues in audiology and speech language pathology.

### **SPTHAUD 6028 Neurogenic Disorders II. 3 Credits.**

Normal underpinnings language and cognition, as well as the linguistic (language), cognitive, and cognitive-linguistic disorders associated with Traumatic Brain Injuries (TBIs), the Dementias, and the Agnosias will be studied. The nature, assessment and management of these disorders will be addressed from multiple theoretical and practical perspectives.

**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 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 Early Intervention and Pediatric Dysphagia. 3 Credits.**

Assessment, intervention, and parental training for at-risk infants will be covered. The course will focus on the management of infants at risk and include clinical experiences in short-term neonatal intensive care, long-term infant programming, and interdisciplinary evaluations and intervention. Training will be provided in home programming, classroom and individual intervention. Parental support groups will be discussed.

**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 Diagnosis and Evaluation in Speech-Language Pathology. 3 Credits.**

The diagnostic process as it pertains to all speech-language pathology disorders will be presented. The course covers application of evaluation principles and methods of both formal and informal measurement in speech-language pathology.

**SPTHAUD 6216 Augmentative 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.

**SPTHAUD 6220 Cleft Palate and Craniofacial Disorders. 3 Credits.**

Symptomology, etiology, assessment, and treatment of communication disorders associated with cleft palate and craniofacial syndromes. Multidisciplinary management including medical and dental care.

**SPTHAUD 6222 Language Learning/Language Disorders in School-Age Children. 3 Credits.**

This course covers diagnostic and management issues pertinent to older children with language and/or language learning disorders; transdisciplinary and interdisciplinary models of collaboration with teachers, special educators, related service providers, and families.

**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 6230 Seminars in Language Disorders. 1-3 Credits.**

Seminar will address a variety of topics in language disorders. Topics may vary each semester. May be repeated for credit when the topic is different.

**SPTHAUD 6232 Seminars in Speech Disorders. 1-3 Credits.**

Seminar will address a variety of topics in speech disorders. Topics may vary each semester. May be repeated for credit when the topic is different.

**SPTHAUD 6236 Seminars in Basic Human Communication Processes. 1-3 Credits.**

Seminar will address a variety of topics in basic human communication processes. Topics may vary each semester. May be repeated for credit when the topic is different.

**SPTHAUD 6500 Thesis in Communication Disorders. 1-6 Credits.**

Research project culminating in an original contribution to the scientific literature that is of publishable quality. Approval of the student's thesis committee is required prior to enrollment. This course may be repeated for credit, although no more than 6 credit hours will count to the degree. Students must be registered in all semesters until thesis is finished.

**SPTHAUD 6702 Clinical Practicu: Level I in Speech-Language Pathology 1 Credit.**

Supervised clinical experiences for speech language pathology students.

**SPTHAUD 6704 Clinical Practicum: Level II in Speech-Language Pathology 1 Credit.**

Supervised clinical experiences for speech language pathology students.

**SPTHAUD 6706 Clinical Practicum: Level III in Speech-Language Pathology 1 Credit.**

Supervised clinical experiences for speech language pathology students.

**SPTHAUD 6708 Clinical Practicum: Level IV in Speech-Language Pathology 6 Credit.**

Supervised clinical experiences for speech language pathology students.

**SPTHAUD 6710 Clinical Practicum: Level V in Speech-Language Pathology 6 Credit.**

Supervised clinical experiences for speech language pathology students.