

Speech Language Pathology Graduate Course Descriptions

Approved by the Faculty on October 30, 2015

SLP 701. **Speech Science.** This course provides a basic understanding of the acoustics of speech production and speech perception, including the physics of sound, spectrographic analysis, the acoustic properties of voice, resonance of the vocal tract, and the acoustic and articulatory properties of vowels and consonants. 3 s.h.

SLP 702. **Articulation and Phonological Disorders.** This course addresses the nature, etiology, diagnosis and clinical management of articulation, speech sound acquisition, phonological processes, and speech sound disorders across the lifespan. 3 s.h.

SLP 703. **Advanced Clinical Procedures.** This course explains assessment and differential diagnosis of communication disorders, team management concepts, determination of patient strengths and limitations, documentation requirements, therapy planning, and short-term and long-term goal formulation. 3 s.h.

SLP 704. **Introduction to Research.** This course is a survey of the types of research conducted in communication sciences and disorders. This course will emphasize integrating evidence-based research into treatment. 3 s.h.

SLP 705. **School-age Language Disorders.** This course is the study of communication deficits in school age children and adolescents. Topics include the identification, differential diagnoses, assessment of conceptual requisites and concrete language skills; and interactive therapeutic strategies. 3 s.h.

SLP 706. **Language Sample Analysis Lab.** This course includes the collection, transcription, interpretation of child language samples. 1 s.h.

SLP 707. **Early Intervention.** This course is the study of communication deficits in children who are infants and pre-schoolers. Topics include social communication, syndrome identification, assessment; language skills development and early intervention therapeutic strategies. 3 s.h.

SLP 708. **Neurogenic Language Disorders.** This course includes the clinical management of the neurogenic language disorders with major emphasis on neuroanatomy and the physiology of abnormal states including functional changes that accompany a particular syndrome or disease. Topics include symptoms, etiology, diagnosis and treatment of neurogenic language disorders across the lifespan. 3 s.h.

SLP 709. **Neurogenic Speech Disorders.** This course is a study of neurological system pathologies and mechanisms affecting speech with major emphasis on neuroanatomy and pathophysiology; signs and symptoms, and etiology of speech disorders. . Topics include symptoms, etiology, diagnosis, and treatment of acquired motor speech disorders. 3 s.h.

SLP 710. **Dysphagia.** This course is a study of the nature, assessment and treatment of swallowing disorders across the lifespan. Emphasis will include anatomy and physiology of normal and abnormal swallow disorders affecting swallow function, assessment and treatment. Course content will include the care, management and training of patients with tracheostomy and ventilator dependence. 3 s.h.

SLP 711. **Multicultural Issues in Speech Language Pathology.** This course describes cross-linguistic and cross-cultural communication in multicultural populations, and explores the complex relationships that characterize language, society and communication disorders. 3 s.h.

SLP 712. **Medical Speech Language Pathology.** This course emphasizes the interprofessional collaboration in evaluation, diagnosis, and treatment of patients in a medical setting. Course content will emphasize skills necessary to work in acute, in-patient, and out-patient medical settings including documentation, infectious disease precautions and a medical terminology module. 3 s.h.

SLP 713. **Communication Modalities.** This course is a study of the assessment and treatment of augmentative and alternative communication (AAC). The course content will emphasize cognitive disorders, motor speech disorders, autism, cerebral palsy and aphasia in relation to the selection and use of AAC devices. 2 s.h.

SLP 714. **Aural (Re)Habilitation.** This course is a study of the theoretical and methodological approaches to aural (re)habilitation of children and adults with impaired hearing. Topics include use of amplification, communication methods, speech reading, assistive listening devices, auditory training, and case management. 3 s.h.

SLP 715. **Voice Disorders.** This course is a study of nature and causes of voice disorders. Topics include, analyses of current theories and research concerning neurological, physiological, and psychological bases of voice disorders. This course also includes development of a rationale for diagnosis, case selection, and intervention. 2 s.h.

SLP 716. **Fluency.** This course is a study of nature and causes of fluency disorders. Topics include, analyses of current theories and research concerning stuttering and cluttering. This course includes development of a rationale for diagnosis, case selection, and intervention. 3 s.h.

SLP 717. **Foundations of Literacy.** This course examines the theories of reading acquisition and scientific based research principles that undergird literacy acquisition, development and instructional practices. 3 s.h.

SLP 718. **Professional Issues & SLP Leadership.** This course addresses topics pertinent to students entering practice including general health laws and regulations, standards of professional practice, and application of the code of ethics to realistic situations. This course will also include resume writing, cover letters, interview, and employment issues. 3 s.h.

SLP 740. **Special Topics in Speech Language Pathology (elective).** Topics will be selected from various areas in speech language pathology, including emerging trends, methods, and other applicable approaches. Special topics in speech language pathology may be repeated provided the content is different for each course. Prerequisite: Approval of faculty. 1-3 s.h.

SLP 771. **Clinical Education.** Supervised clinical education of diagnostics and treatment using a simulated learning environment. Progression to each subsequent course in the sequence (771-775) depends on, satisfactory performance with simulations, satisfactory academic standing (3.0 GPA), safe and effective clinical skills, professional development and minimal deficits with Essential skills. 1 s.h. each.

SLP 772 **Clinical Practicum.** Supervised clinical practice of diagnostics and treatment at beginning competency levels. Students will participate in weekly group action-based learning sessions. Progression to each subsequent course in the sequence depends on satisfactory academic standing (3.0 GPA), safe and effective clinical skills, professional development and proficiency with Essential Skills. 2 s.h. each.

SLP 773. **Clinical Practicum.** Supervised clinical practice of diagnostics and treatment at the beginning competency level. Students will participate in weekly group action-based learning sessions. Progression to each subsequent course in the sequence depends on satisfactory academic standing (3.0 GPA), safe and effective clinical skills, professional development and proficiency with Essential Skills. 2 s.h. each.

SLP 774. **Clinical Practicum.** Supervised clinical practice of diagnostics and treatment at the intermediate competency level. Students will participate in weekly group action-based learning sessions. Progression to each subsequent course in the sequence depends on satisfactory academic standing (3.0 GPA), safe and effective clinical skills, professional development and proficiency with Essential Skills 2 s.h. each.

SLP 775. **Clinical Practicum.** Supervised clinical practice of diagnostics and treatment at the intermediate competency level. Students will participate in weekly group action-based learning sessions. Progression to each subsequent course in the sequence depends on satisfactory academic standing (3.0 GPA), safe and effective clinical skills, professional development and acquisition of *all* Essential Skills. 3 s.h. each.

SLP 776. **Clinical Externship.** This course provides supervised clinical practice in communication disorders. This 10-week placement is outside Columbia (with rare exceptions). An interview or other criteria might be required by the clinical affiliate. Students select from existing clinical affiliation contracts; new contracts are established at the discretion of the Director of Clinical Education in collaboration with university counsel. Prerequisites include minimum 3.0 cumulative GPA, and satisfactory performance in SLP 771-775 and acquisition of *all* Essential Skills. 3 s.h. each.