

# SPEECH-LANGUAGE PATHOLOGY (SLPA)

## **SLPA 50100 - Neuroscience for Speech-Language Pathologists (3)**

This course introduces the neuroanatomical and neurophysiological bases of attention, learning, memory, communication, and emotion. Beginning with an orientation to brain structures, students practice making clinical connections throughout the course. Students will learn to associate symptoms of neurological disease and injury with sites of lesion, and will be able to explain the neurological bases of communication and swallowing disorders.

## **SLPA 50400 - Speech Sound Disorders in Children (3)**

This course covers articulation and phonological disorders that impact speech production in children. Students learn how to assess and treat speech sound disorders. Featured learning activities include transcription and analysis of speech samples, standardized testing, and intervention planning specific to individual cases.

## **SLPA 50500 - Child Language Disorders: Preschool (3)**

Students will learn methods for prevention, identification, assessment and intervention of language disorders in preschool children. Highlights include experiences with language sample analysis, standardized testing, and treatment planning.

## **SLPA 50600 - Child Language Disorders: School-Age and Adolescence (3)**

Students will learn methods for prevention, identification, assessment and intervention of language disorders in school-age children and adolescents. Highlights include experiences with language sample analysis, other authentic classroom-based assessments, standardized testing, and treatment planning.

## **SLPA 50800 - Adult Language Disorders: Aphasia (3)**

This course examines the communication disorders that result from stroke, also known as aphasia. Students will gain experience with informal and formal testing, and treatment planning relative to individual cases. Cognitive, linguistic and social aspects of aphasia will be considered.

## **SLPA 50900 - Adult Language Disorders: Cognitive Communication (3)**

In this course, students will explore communication disorders that result from traumatic brain injury or neurological diseases, such as Parkinson's disease or multiple sclerosis. They will practice how to assess and treat the cognitive communication disorders that arise as these conditions progress.

## **SLPA 51100 - Dysphagia (4)**

This course reviews the anatomy and physiology of normal and disordered swallowing patterns of adult clients. Etiologies of swallowing disorders, their assessment and treatment, will be discussed specific to cases presented in class. Disorders that occur concomitant to dysphagia will be considered, as swallowing problems often occur as part of a complex medical condition. Ethical considerations relative to swallowing treatment will also be considered.

## **SLPA 51200 - Autism and Social Communication (3)**

Autism is a common condition that makes effective communication and social behavior challenging for children and adults. People with autism vary widely in their social communication abilities, including verbal and nonverbal skills. This course will review the development of social communication competence, and how to assess and treat deficits that often occur in individuals with autism and other disorders.

## **SLPA 52000 - Praxis Review 1 (0)**

This is the first of two workshop courses to guide students through review of important topics for the Praxis II Examination in Speech-Language Pathology. Passing this board examination is required for state licensure in SLP and ASHA certification in SLP.

## **SLPA 53000 - Research Methods in Speech-Language Pathology (3)**

This course covers foundational research concepts, single subject and group research design, and common methods of data analysis used in the field of speech-language pathology. Students learn to critically read and analyze research manuscripts.

## **SLPA 55000 - Ethics of Speech-Language Pathology Practice (1)**

This course will review the ASHA Code of Ethics as it pertains to speech-language pathology practice. Current ethical issues confronting SLPs will be discussed in consideration of best practice recommendations.

## **SLPA 55100 - Clinical Methods: Prevention and Diagnosis (3)**

This course will teach students how to screen for communication and hearing problems in children and adults, and how to plan diagnostic assessments for individuals with suspected communication disorders. Students will interact with a variety of evaluation tools used for evaluation of speech, language, social and cognitive abilities.

## **SLPA 55200 - Clinical Methods: Evidence-based Treatment Planning (3)**

This course will provide students with experience in treatment planning for children and adults with identified communication disorders, including deficits in speech, language, social and cognitive skills. Students will learn to apply evidence-based methods for each client, considering available scientific support for methods chosen, family preferences for treatment methods, and their own clinical experiences when making treatment recommendations.

## **SLPA 55300 - Guided Clinical Observation (1)**

Students will complete at least 25 hours of observation of licensed, certified speech-language pathologists conducting assessment or treatment of clients with communication or swallowing disorders. They will discuss the methods used by the clinician, the outcomes of each session and the implications for further services with a clinical supervisor who specializes in clinical debriefs. This is a course for students who have not met ASHA's requirement of 25 observation hours prior to clinical practicum.

Attributes: Experiential Learning Gen Ed

## **SLPA 56000 - Clinical Practicum 1: Simulation Lab (1)**

Students will interact with a variety of clinical cases in a web-based interactive learning environment to gain basic clinical experiences with articulation, language, fluency and voice disorders in children and/or adults. Supervised by faculty who are licensed SLPs, students can gain up to 30 hours of supervised clinical practice in this course.

## **SLPA 56100 - Clinic Practicum 1: Mini Rotation (2)**

Students will gain clinical experience in one of a variety of settings. They may be assigned to partner with a local speech-language pathologist at a school, skilled nursing facility, or private clinic. Alternately, they may join a Lewis SLP faculty member at a local facility where a program has been developed to address identified speech, language, social or cognitive challenges of children or adults. All experiences are supervised by licensed and certified SLPs, and students can gain up to 50 hours of supervised clinical experience in this course. The expectation is that students will spend two days per week for eight weeks in his/her assigned clinical rotation.

Attributes: Experiential Learning Gen Ed

**SLPA 56200 - Clinical Practicum 3: Service Learning/Mini-Rotation (2)**

Students will gain clinical experience in one of a variety of settings. They may be assigned to partner with a local speech-language pathologist at a school, skilled nursing facility, or private clinic. Alternately, they may join a Lewis SLP faculty member at a local facility where a program has been developed to address identified speech, language, social or cognitive challenges of children or adults. All experiences are supervised by licensed and certified SLPs, and students can gain up to 50 hours of supervised clinical experience in this course. The expectation is that students will spend two days per week for eight weeks in his/her assigned clinical rotation.

Attributes: Experiential Learning Gen Ed

**SLPA 56300 - Clinical Practicum IV: Special Clinical Assignments (0)**

Student enrolled in Clinical Practicum I, II, or III (SLPA 56000, 56100, 56200) or Advanced Practicum I or II (SLPA 66100, 66200) may enroll in an additional clinical assignment via this course. These experiences often involve specialized clinical experiences delivered largely through telepractice. Requires placement by the SLP Program and concurrent enrollment in a required practicum course., as listed above.

Program Restrictions: Must be enrolled in the following Program: Speech-Lang Pathology.

**SLPA 56400 - Clinical Practicum 1: Community Based Rotation (4)**

Students will gain clinical experience in one of a variety of settings. Possible settings will be identified by the student and secured by the Lewis University faculty/staff. Students will be supervised by a licensed and certified SLP from the community-based setting with support from Lewis University clinical faculty. During this supervised clinical experience students will provide evaluation and treatment for adults or children with identified speech, language, social or cognitive challenges. Students will gain up to 100 hours of supervised clinical experience. The expectation is that students will spend two days per week for 16 weeks in their assigned community setting.

**SLPA 60100 - Voice and Resonance Disorders (3)**

This course covers recommended practices for assessment and intervention of voice disorders in children and adults. Students examine the anatomical and physiological correlates of phonation and oral/nasal resonance. Voice disorders experienced by people with laryngectomy, cleft lip/palate, vocal fold hyperfunction are covered, in addition to voice changes experienced by transgender individuals.

**SLPA 60200 - Augmentative and Alternative Communication (3)**

Students will focus on how to adapt communication modalities to address the needs of individuals with severe communication, sensory and/or physical disabilities. Various augmentative or alternative communication (AAC) techniques will be covered, including no-tech, low-tech, and dedicated communication devices. The benefits of an interdisciplinary, team-based approach to assessment and intervention will be reviewed, with classes instructed by physical and/or occupational therapists and educators.

**SLPA 60300 - Fluency Disorders and Counseling (3)**

This seminar course will review the identification of stuttering and cluttering in children and adults. Students will practice selecting, administering and analyzing results of fluency assessment techniques, and will design appropriate treatment for cases presented. The need for ongoing management of these disorders will be discussed, along with the role of counseling in intervention for these disorders. Students will learn about a variety of counseling techniques that help clients and their families deal with the social and emotional challenges that occur when someone in the family has a significant communication disorder.

**SLPA 60600 - Motor Speech Disorders (3)**

Motor speech disorders are speech and voice abnormalities that arise from neurogenic causes, and include apraxia of speech and several types of dysarthria. This course will cover differential diagnosis of motor speech disorders and their treatment.

**SLPA 60700 - Focus on Literacy: Reading and Writing (3)**

Students will learn methods for prevention, identification, assessment and intervention of literacy disorders in children and adolescents. Highlights include experiences with oral and written narrative analysis, other authentic classroom-based assessments, standardized testing, and treatment planning.

**SLPA 60800 - Pediatric Dysphagia and Feeding (2)**

This course addresses the unique challenges of treating children who have feeding and/or swallowing difficulties. Students will learn to distinguish normal from disordered biting, chewing and swallowing patterns, and how to address these problems in the pediatric population. Behavioral and sensory eating disorders will be discussed.

**SLPA 61000 - Professional Issues in SLP Practice (2)**

This course will focus on professional issues in the practice of speech-language pathology in medical and educational settings. Topics will include: complex ethical considerations, legislation impacting speech-language pathology practice, leadership development, billing considerations, technology issues and interprofessional practice issues.

**SLPA 62000 - Praxis Review 2 (0)**

This is the second of two workshop courses to guide students through review of important topics for the Praxis II Examination in Speech-Language Pathology. Passing this board examination is required for state licensure in SLP and ASHA certification in SLP.

**SLPA 62100 - Preparation for Research Capstone: Design and Data Collection (2)**

This course provides students with the building blocks to design a scoping review. Students will identify a clinical topic related to a communication or swallowing disorder that is pertinent to the field of speech-language pathology. Guided by an SLP faculty member, they will develop a research question appropriate for a scoping review and design the project. They will identify relevant evidence to be used in the scoping review. This course will prepare students to synthesize and analyze the evidence relative to their topic, and be prepared to write their scoping review during the required Capstone I course, SLPA 63000  
Program Restrictions: Must be enrolled in the following Program: Speech-Lang Pathology.

**SLPA 63000 - Research Capstone: Review of Clinical Evidence (3)**

Guided by an SLP faculty member, students will complete a scoping review to evaluate a clinical topic related to a chosen communication or swallowing disorder. Students will continue to synthesize and analyze evidence related to the clinical topic using the evidence compiled in SLPA 62100. An evaluative review of the current evidence detailing the findings related to the clinical topic, additional needs for research and the crucial factors to be included in the application of this clinical topic in the field of speech-language pathology and the clinical population will be developed into a final manuscript. Results of these scoping reviews will be disseminated in a grand rounds presentation, and in a poster forum.  
Prerequisite: SLPA 62100

**SLPA 63200 - Applied Research Capstone (4)**

This course is a culminating experience designed to integrate students' knowledge of research, clinical practice and evidence-based decision making within the field of speech-language pathology. Students will identify a real-world problem they have encountered/observed during their clinical practicum. They will conduct a literature review related to the problem and propose a clinically meaningful solution. In conjunction with a faculty mentor, students will design a solution, including a plan for implementing the solution in the clinical setting they have identified. Emphasis will be placed on translating research into practice, ethical and policy considerations and dissemination of findings in a professional format.

**SLPA 65000 - SLPs in Healthcare: Ethics and Practice Issues in Complex Cases (3)**

This seminar portion of this course will review topics that are essential to SLP practice in healthcare settings. Interdisciplinary collaboration; referral of patients for communication or swallowing care; hospital instrumentation; coding, billing and reimbursement issues (Medicare; other insurers); and coordination of care for patients are among topics to be covered in this important course. Additionally, the case-based portion of the course will give students opportunities to consider the assessment and intervention needs of adult patients with multiple medical conditions that involve communication and/or swallowing disorders. They will practice how to assess the medically fragile client, and how to decide which issues are most important to treat for the individual client.

**SLPA 65100 - SLPs in Education: Ethics and Practice Issues in Complex Cases (3)**

This seminar portion of this course will review topics that are essential to SLP practice in school settings. Interdisciplinary collaboration; referral of students for special education services, including SLP; service delivery models in school settings; developing and implementing effective individualized educational plans (IEPs); billing and reimbursement issues (Medicaid) are among topics to be covered in this important course. Additionally, the case-based portion of this course will give students opportunities to plan assessment and intervention for children with children with multiple learning and/or physical challenges in the school setting who present communication and/or feeding and swallowing problems. They will practice how to work with a team of educators, healthcare providers and the family to effectively evaluate and treat the complex speech, language and learning issues of these children.

**SLPA 66100 - Advanced Practicum 1: Healthcare/Schools (4)**

Students will gain clinical experience in a healthcare setting, such as a hospital, skilled nursing facility, or private clinic. Most of these experiences will focus on clinical practice with adult clients. If the healthcare experience focuses on a pediatric population, extensive adult experience must be obtained in an alternate clinical experience. All experiences are supervised by licensed and certified SLPs, and students should gain at least 100 hours of supervised clinical experience in this course. The expectation is that students will spend five days per week for eight weeks in his/her assigned clinical rotation.

**SLPA 66200 - Advanced Practicum 2: Healthcare/Schools (4)**

Students will gain clinical experience in a school setting, including early intervention, early childhood/preschool, elementary, or secondary schools. Most of these experiences will focus on clinical practice with pediatric clients. All experiences are supervised by licensed and certified SLPs, and students should gain at least 100 hours of supervised clinical experience in this course. The expectation is that students will spend five days per week for eight weeks in his/her assigned clinical rotation.

**SLPA 66300 - Advanced Practicum 1: Internship Education/Healthcare (5)**

Students will gain clinical experience in a healthcare setting, such as a hospital, skilled nursing facility, or private clinic; OR in a school setting, such as early intervention, early childhood/preschool, elementary school, or secondary school. Possible settings will be identified by the student and secured by the Lewis University faculty/staff. Supervision will be provided by a licensed and certified SLP working at the clinical practicum site. Students will gain up to 150 hours of supervised clinical experience. The expectation is that students will spend 5 days per week for 16 weeks in this setting.

**SLPA 66400 - Advanced Practicum 2: Internship Education/Healthcare (5)**

Students will gain clinical experience in a healthcare setting, such as a hospital, skilled nursing facility, or private clinic; OR in a school setting, such as early intervention, early childhood/preschool, elementary school, or secondary school. Possible settings will be identified by the student and secured by the Lewis University faculty/staff. Supervision will be provided by a licensed and certified SLP working at the clinical practicum site. Students will gain up to 150 hours of supervised clinical experience. The expectation is that students will spend 5 days per week for 16 weeks in this setting.

**SLPA 67000 - Independent Study for SLPA (1-3)**

This course allows for individualized study of a topic of interest to the student. A plan of study is developed with an SLP professor, and must be approved by the MSSLP program director prior to enrollment. The plan must include the topic, the student learning outcomes, the learning activities and how they will be assessed. This course is not intended to substitute for any required course in the MSSLP required curriculum, but rather to allow for advanced study or research experiences.