



M.S. - Speech-Language Pathology Curriculum – Erie Program

COURSE DESCRIPTIONS

GSLP 602 CLINICAL METHODS LAB I: PEDATRICS

1 credit

This course provides the introductory knowledge and skills in clinical methods for diagnosis and treatment in communication and/or swallowing disorders in pediatric populations. General principles of clinical observation, assessment, and establishment of treatment goals, report writing, documentation, service delivery in various settings, and client admission and discharge criteria are emphasized. Topics on federal, state, and local laws, guidelines, and statutes in school settings, including FERPA, FAPE, IEPs, and RTI are presented. Goal writing in educational and other settings is highlighted including SMART goals and alternatives. Students will also become familiar with the University clinic and clinical handbook. Multicultural considerations in intervention of children with communication and/or swallowing disorders will also be addressed.

GSLP 605/607 SPEECH SOUND DISORDERS & LAB

2 credits lecture/1 credit lab

This course is designed to give students a foundation in the prevention, assessment, and treatment of speech sound disorders in children, emphasizing articulation and phonological delays. Students will initially learn foundation material such as normal acquisition of speech production skills in childhood, and characteristics of the speech sounds of English. Specific approaches and techniques for the remediation of the disorders will be presented. Multicultural issues in the assessment and treatment of sound speech disorders will also be addressed, as well as counseling strategies. This lab course aligns with the Speech Sound Disorders course (GSLP 605). The lab will encompass the test protocols, diagnosis, and application of evidenced-based interventions for speech sound disorders.

GSLP 608 LANGUAGE DISORDERS IN CHILDREN

2 credits

This course introduces basic principles of prevention, assessment, and intervention for children with language impairments at the prelinguistic, emerging and developing language phases. Language differences versus language disorders will be addressed as well as complex medical concerns, etiologies, co-morbidities, and counseling strategies. Multicultural issues in the assessment and treatment of language disorders will be addressed as well.

GSLP 610 DIAGNOSTIC METHODS IN SPEECH-LANGUAGE PATHOLOGY

3 credits

This course is designed to provide students with a general understanding of the principles of diagnosis and evaluation of speech and language disorders. Students will gain experience in taking case histories, formulating an assessment battery, evaluating patients, writing the diagnostic reports, and interpreting the data to parents and/ or involved disciplines. Students will be acquainted with fundamental principles and pitfalls to consider when making psychometric decisions in the assessment of speech and language skills. Multicultural issues will also be addressed, as well as counseling strategies.

GSLP 612 SCHOOL-AGE LANGUAGE DISORDERS

2 credits

This course will provide instruction in language disorders in school-age children and adolescents. Topics include assessment, collaborative intervention, and social, cultural, and linguistic implications for individuals with language disorders. Emphasis will be placed on the development of curriculum-based literacy skills and collaborative services delivery models.

GSLP 615 NEUROSCIENCE FOR SPEECH-LANGUAGE PATHOLOGY

3 credits

This course is an intensive analysis and study of neuroanatomy and neurology for speech language pathology. It will cover the neuroanatomy and neurological function of the central and peripheral nervous systems, embryology of the nervous system, completion of a neurological exam, taxonomy, and anatomy of the diencephalon, basal ganglia, and ventricles, and neurology of speech, language, hearing, and cognition.

GSLP 618 CLINIC I

1 credit

The purpose of this course is for graduate clinicians in the Speech-Language Pathology master's program to gain knowledge about the evaluation and treatment of speech, language, and feeding/swallowing disorders in children and/or adults. Assignments may include observations in community speech and hearing centers, schools, medical center, and private practices. The graduate clinician will complete the observations under the direct supervision of the Speech-Language Pathologist(s) (SLPs) at the assigned site(s).

GSLP 620/629 VOICE & RESONANCE DISORDERS & LAB

2 credits lecture/1 credit lab

This course provides advanced theory and techniques for the prevention, assessment, diagnosis and remediation of voice and resonance disorders across the life span. Discussions of etiologies, instrumentation, counseling, and multicultural issues affecting appropriate intervention will be addressed. The lab aligns with the lecture and provides students with the opportunity to become

familiar with and use the instrumentation and tools for the diagnosis and treatment of vocal pathologies and voice disorders.

GSLP 621/622 ADULT COGNITIVE-COMMUNICATIVE DISORDERS & LAB

2 credits lecture/1 credit lab

The purpose of the course is to introduce communication disorders because of neurological injury or illness in the adult population. Content will emphasize etiology, characteristics, assessment, and intervention associated with aphasia, traumatic brain injury, right hemisphere impairment, and dementia. The lab aligns with the Adult Cognitive-Communicative Disorders course (GSLP 621). The lab will involve the use of diagnostic tools and protocols, application of evidence-based interventions, and management of adult cognitive-linguistic disorders.

GSLP 623/626 MOTOR SPEECH DISORDERS & LAB

2 credits lecture/1 credit lab

This course is designed to develop an understanding of the anatomy and physiology of speech production as it relates to motor speech disorders and the understanding of treatment and management of the motor speech disorders. The course will involve the study of the etiology and characteristics of motor speech disorders in children and adults and will enhance the students' skills for differential diagnosis and discussion of the professional and ethical issues involved in the assessment and interventions for motor speech disorders. This lab aligns with the Motor Speech Disorders course (GSLP 623). The lab will involve critical-thinking skills as students will be introduced to the clinical applications to differentially diagnose neuro-motor speech disorders, learn to provide interventions, and understand the management of motor speech disorders in children and adults.

GSLP 624 FLUENCY DISORDERS

2 credits

This course introduces theories, evaluation procedures and therapeutic techniques in the treatment of fluency disorders. Terminology, classification, psychosocial impact, and nature of fluency disorders across the lifespan are discussed. Multicultural issues in the assessment and treatment of fluency disorders will also be addressed, as well as counseling strategies.

GSLP 625 CLINICAL METHODS LAB II: ADULTS

1 credit

This course provides the introductory knowledge and skills in clinical methods for diagnosis and treatment in communication and/or swallowing disorders in adult populations. General principles of clinical observation, assessment, establishment of observable and measurable treatment goals, report writing, documentation, service delivery in various settings, and case management are emphasized.

GSLP 628 CLINIC II

1 credit

The purpose of this course is for graduate clinicians in the Speech-Language Pathology master's program to initiate their clinical experience in the evaluation and treatment of speech, language, and feeding/swallowing disorders in children and/or adults. Assignments may include individual and/or group sessions with children and/or adults with different disorders in community speech and hearing centers, schools, medical centers, and private practices. The graduate clinician will complete the placement under the direct supervision of the Speech-Language Pathologist(s) (SLPs) at the assigned site(s).

GSLP 630 PRINCIPLES OF RESEARCH & EVIDENCE BASED PRACTICE

2 credits

This course is the foundation for the research thread throughout the curriculum and will prepare the student for the synthesis and application of research within the scope of practice of speech-language pathology. This course will cover the topics of the scientific method, types of research, idea generation and innovation, identifying and locating relevant resources, how to read scientific literature, research ethics, statistics, formatting references, and literature review.

GSLP 632 DISORDERS IN SPECIAL POPULATIONS

2 credits

This course is designed for students to gain knowledge of the specialized communication needs of patients of all ages with medical, neurological, anatomical, and cognitive disorders. This course will focus on individuals with autism spectrum disorders, craniofacial anomalies, genetic disorders and syndromes, and hearing disorders (e.g., central auditory processing). This course will provide students with strategies for providing effective advocacy and education for the prevention, diagnosis, and intervention for individuals within these populations. This course will also explore the role of an interdisciplinary team when serving individuals in these special populations.

GSLP 638 CLINIC III

2 credits

The purpose of this course is for graduate clinicians in the Speech-Language Pathology master's program to continue gaining experience in the evaluation and treatment of speech, language, and feeding/swallowing disorders in children and/or adults. Assignments may include individual and/or group sessions with children and/or adults with different disorders in community speech and hearing centers, schools, medical centers, and private practices. The graduate clinician will complete the placement under the direct supervision of the Speech-Language Pathologist(s) (SLPs) at the assigned site(s).

GSLP 733 AURAL REHABILITATION

2 credits

This course introduces students to the theories and procedures used to provide aural/audiological rehabilitation to children and adults who have hearing loss and to provide concomitant services to their family members. Students will learn about (1) the scope of practice for speech-language pathologists and audiologists who provide aural rehabilitation services; (2) the assessment and prosthetic management of children and adults who have hearing loss; (3) the effects of hearing loss on conversational fluency and everyday speech communication; and (4) the means for developing aural rehabilitation plans and for assessing their effectiveness.

GSLP 736/737 SWALLOWING DISORDERS & LAB

2 credits lecture/1 credit lab

The course lectures, readings, and materials will cover normal and abnormal anatomy and physiology related to swallowing function, etiology, signs and symptoms of dysphagia, techniques and instrumentation for diagnosis and management of dysphagia, procedures for analysis and integration of diagnostic information and basic management issues such as special clinical populations, quality of life issues, and evidence-based practice. This lab aligns with the Swallowing Disorders course (GGSLP 736). The lab will provide students with an overview of the diagnostic protocols, medical assessments, bed-side evaluations, radiological evaluations, and evidence-based interventions for adult and child populations with swallowing disorders.

GSLP 739 HEARING DISORDERS

3 credits

This course covers the nature and causes of hearing disorders, including outer and middle ear, cochlear, retro cochlear, and central nervous system. It is designed to acquaint students with topics regarding the anatomy and physiology of normal and abnormal hearing, basic concepts in pure-tone air and bone conduction audiometry, speech audiometry, interpretation of audiograms, immittance procedures, and basic management of the hearing loss of the hearing-impaired client. Counseling and multicultural considerations affecting appropriate intervention are also addressed.

GSLP 743 AUGMENTATIVE & ALTERNATIVE COMMUNICATION

3 credits

This course is designed to expose students to augmentative and alternative forms of communication used to support or treat patients with communication disorders. Students will learn about terminology and application of augmentative and alternative communication (AAC), augmentative communication system components, the evaluation process for an appropriate selection of an assistive device, and intervention strategies for individuals with limited or nonfunctional speech. The types of communication covered in

this course include messages, symbols, rate enhancement, low-tech devices, high-tech devices, programming devices, training users and communication partners, toting and mounting communication devices, and report writing.

GSLP 746 PROFESSIONAL ISSUES

3 credits

This course is designed to build the student's professional competency and preparation for certification/licensure and future employment. Topics covered within the course include professional ethics, certification/licensure requirements, accreditation process, clinical fellowship, continuing education, telepractice, billing and coding, advocacy, marketing, private practice, doctoral education, scope of practice, and best practices to seek employment.

GSLP 748 Clinic IV

4 credits

The purpose of this course is for graduate clinicians in the Speech-Language Pathology master's program to gain intermediate to advanced clinical experience in the evaluation and treatment of speech, language, and feeding/swallowing disorders in children and/or adults. The graduate clinician will complete an off-campus practicum experience ("placement") in an assigned, affiliated facility. Assignments may include community speech and hearing centers, schools, medical centers, and private practices. The graduate clinician will complete the placement under the direct supervision of the Speech-Language Pathologist(s) (SLPs) at the assigned site(s).

GSLP 758 Clinic V

4 credits

The purpose of this course is for graduate clinicians in the Speech-Language Pathology master's program to gain advanced clinical experience in the evaluation and treatment of speech, language, and feeding/swallowing disorders in children and/or adults. The graduate clinician will complete an off-campus practicum experience ("placement") in an assigned, affiliated facility. Assignments may include community speech and hearing centers, schools, medical centers, and private practices. The graduate clinician will complete the placement under the direct supervision of the Speech-Language Pathologist(s) (SLPs) at the assigned site(s).

GSLP 768 Clinic VI

4 credits

The purpose of this course is for graduate clinicians in the Speech-Language Pathology master's program to gain advanced clinical experience in the evaluation and treatment of speech, language, and feeding/swallowing disorders in children and/or adults. The graduate clinician will complete an off-campus practicum experience ("placement") in an assigned, affiliated facility. Assignments may include community speech and hearing centers, schools, medical centers, and private practices. The graduate

clinician will complete the placement under the direct supervision of the Speech-Language Pathologist(s) (SLPs) at the assigned site(s).

GSLP 782 CAPSTONE I

1 credit

This course is designed to serve as the first part of a culminating experience within the curriculum. The students will review and integrate program content in preparation for the national comprehensive examination required for certification as a speech-language pathologist. Students will familiarize themselves with exam content, structure, questions, and test taking strategies. The course aims to support the synthesis of information from across the program to enhance student understanding and to help contribute to future success in the field.

GSLP 784 CAPSTONE II

1 credit

This course is designed to serve as the second and final culminating experience within the curriculum. Students will integrate their didactic, clinical, research, and other experiential learning into a final E-Portfolio and presentation. This course will help launch students into their professional careers as they demonstrate evidence of competence to warrant the awarding of a degree in the field of communication sciences and disorders.