

# SPEECH LANGUAGE PATHOLOGY (SLP)

## SLP 100 STUDENT SPEECH CLINIC

1, 0/0

Accent reduction services for non-native speakers of American English. Hours by arrangement. Offered fall and spring only.

## SLP 101 AMERICAN SIGN LANGUAGE I

3, 3/0; WL23

Fundamentals of American Sign Language (ASL), including basic grammatical features, language functions, and finger spelling. Students will gain adequate receptive and expressive skills for communicating with deaf individuals using ASL. Supplemental lectures focus on issues related to deafness, deaf culture, and signed languages. Offered Every Semester.

## SLP 102 AMERICAN SIGN LANGUAGE II

3, 3/0; WL23

Prerequisite: SLP 101. Continuation of SLP 101. Students gain additional knowledge of American Sign Language (ASL) and the deaf community; increases competence in ASL conversational skills. NOTE: For some majors, SLP 101 AND SLP 201 serve as a foreign language equivalent. Check with your department. Offered every semester.

Equivalent Course: SLP 201

## SLP 201 AMERICAN SIGN LANGUAGE II

3, 3/0

Prerequisite: SLP 101. Continuation of SLP 101. Students gain additional knowledge of American Sign Language (ASL) and the deaf community; increases competence in ASL conversational skills. NOTE: For some majors SLP and SLP 101 and SLP 201 serve as a foreign language equivalent. Check with your department. Offered every semester.

Equivalent Course: SLP 102

## SLP 205 INTRODUCTION TO SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY

3, 3/0

Introduction to the professions of speech-language pathology and audiology. Roles, responsibilities, and potential employment settings for each profession discussed. Communication and writing competencies needed for professional success reviewed. Offered fall only.

Equivalent Course: SLP 220

## SLP 206 BUILDING SOCIAL CONNECTIONS: COMMUNICATION, LANGUAGE AND CONVERSATION

3, 3/0

Course Description Introduction to the constructs of communication, language, and conversation. Impact of communication, language, and conversational skills in daily life. Development of communication, language, and conversation children birth to five years old. Offered every spring.

## SLP 220 INTRODUCTION TO COMMUNICATION DISORDERS

3, 3/0

Classification and causes of speech, language, and hearing disorders in children and adults; methods of treatment for communication disorders and suggestions for prevention; basic information on typical and atypical speech, language, and hearing development; videotaped observation of individuals presenting various communication disorders. Not open to speech-language pathology majors except by advisement. Offered spring only.

Equivalent Course: SLP 205

## SLP 301 ADVANCED SIGN LANGUAGE

3, 3/0

Prerequisites: SLP 101 and SLP 102 or SLP 201. This is the final course in the American Sign Language (ASL) sequence designed to promote advanced competence in ASL conversational skills to a level that is recommended for work in schools and public agencies that serve the deaf and hard-of-hearing population. Offered every fall.

## SLP 302 CLINICAL PHONETICS

3, 3/0

Production, acoustic analysis, and representation of American English speech sounds, including the various English dialects; application of phonetics to deviations in speech. Students will use International Phonetic Alphabet (IPA) symbols to transcribe typical and atypical speech. Sophomores must obtain permission of instructor. Offered fall only.

## SLP 303 LANGUAGE ACQUISITION

3, 3/0

Prerequisite: SLP 302. Corequisite: SLP 329. Children's acquisition of phonology, morphology, syntax, semantics, and pragmatics; structure and function of language of normal children at different levels of development; comparison and contrast of theories of language acquisition. International and cultural variations are considered. Offered spring only.

## SLP 304 ANATOMY AND PHYSIOLOGY OF SPEECH AND HEARING MECHANISMS

3, 3/0

Anatomy and physiology of normal speech and hearing mechanisms; possible deviations; embryonic development; neurology associated with production and reception of oral language. Offered fall only.

### SLP 305 COMMUNICATION DISORDERS I

3, 3/0

Prerequisites: SLP 302, SLP 303 and SLP 304. Provides students with knowledge of the scope and responsibilities of the speech-language pathologist; basic knowledge concerning etiology, assessment, and intervention techniques related to articulation, phonology, phonemic awareness in reading and writing, craniofacial anomalies, and fluency disorders, including bilingual and dialectal considerations. Offered spring only.

### SLP 314 AUDIOLOGY

3, 3/0

Corequisite: SLP 328. Hearing and hearing disorders for speech-language pathologists. Anatomy and physiology of the ear and pathologies of the auditory mechanism, decibel notation, and pure-tone audiometry and tympanometry. Offered spring only.

### SLP 328 AUDIOLOGY LAB

1, 0/2

Corequisite: SLP 314. Operation and listening check of the pure-tone audiometer, pure-tone air-conduction threshold testing, screening, otoscopy, tympanometry, and reporting test results. Offered spring only.

### SLP 329 LANGUAGE ACQUISITION LAB

1, 0/2

Corequisite: SLP 303. Observation of language used by typical children. Practice with procedures to collect and analyze typical language. Offered spring only.

### SLP 330 DEAF CULTURE IN AMERICA

3, 3/0

Study of Deaf culture in America, the effects of hearing loss, communication options and the use of assistive technologies. Study of cultural norms, values, traditions, and rules of social behavior of the Deaf community. Offered every other spring.

### SLP 389 TOPICS COURSE

1-3, 0/0

### SLP 400 LANGUAGE AND LITERACY FOR SPEECH-LANGUAGE PATHOLOGISTS

3, 3/0

Prerequisites: SLP 303 and 329. Role of the speech-language pathologist (SLP) in assessing and treating children with language-based literacy impairments; relationships between speaking, listening, reading and writing; linguistic components required for spoken language and literacy; language-based literacy disorders; assessment and treatment of language literacy impairments. Offered occasionally.

### SLP 401 AURAL REHABILITATION

3, 3/0

Pre-requisites: SLP 303, SLP 314. Effects of hearing loss upon speech perception, speech production, and language development; amplification and intervention options for individuals with hearing loss; tinnitus assessment and treatment options; vestibular system assessment; classroom acoustics; definition, diagnosis, and management of auditory processing disorders. Offered fall only.

### SLP 402 AUDIOLOGY IN THE SCHOOLS

3, 3/0

Prerequisites: Junior level status and Instructor permission. Introduction to educational audiology and support of students who are hard-of-hearing/have an auditory processing disorder in the classroom; hearing aids and hearing aid listening checks, FM systems, cochlear implants, auditory processing disorders, classroom acoustics, classroom accommodations, and interprofessional collaboration. Offered every spring.

### SLP 405 COMMUNICATION DISORDERS II

3, 3/0

Prerequisites: SLP 304, SLP 305. Etiology, assessment, and intervention techniques related to voice disorders, developmental and acquired motor speech disorders, aphasia, traumatic brain injury, dysphagia, and augmentative communication. Cultural and bilingual issues are considered. Offered spring only.

### SLP 411 INTRODUCTION TO LANGUAGE DISORDERS IN CHILDREN

3, 3/0; IN23, RE23

Prerequisite: SLP 303. Introduction to childhood language disorders, including the demographics and characteristics features of language disorders. Cultural and bilingual issues are considered. Offered fall only.

### SLP 412 SPEECH ACOUSTICS AND PERCEPTION

3, 3/0

Prerequisites: SLP 302, SLP 304, SLP 314. Corequisite: SLP 428. Study of the scientific principles underlying the physiology, acoustics, and perception of normal speech production as a basis for subsequent understanding of disordered speech. Topics include basic concepts of sound, motor and acoustic theories of speech production, speech perception, instrumentation used to measure speech processes, and application to speech pathology. Offered fall only.

### SLP 424 SPEECH-LANGUAGE PATHOLOGY PROGRAMS IN SCHOOLS

3, 3/0

Pre-requisites: SLP 305, SLP 314, SLP 411. In-depth examination of speech-language pathology in schools, including legislative foundations, current models of service delivery, assessment and intervention procedures, organization and administration of programs, emerging trends shaping the future of school speech-language pathology programs. Offered every spring.

### SLP 428 ACOUSTICS LAB

1, 0/2

Corequisite: SLP 412. Direct and guided use of special instrumentation essential to the collection, measurement, and/or analysis of the acoustic components of speech sounds. Focus areas are respiration, phonation, articulation, and resonance. Offered fall only.

### SLP 429 CLINICAL ACTIVITY

1, 0/3

Prerequisites: SLP 303, SLP 305, SLP 314. Observation of evaluation and treatment sessions in speech-language pathology. Offered fall and spring only.

### SLP 495 SPECIAL PROJECT

1-3, 0/0

Offered occasionally.

### SLP 497 WORKSHOP

1-3, 0/0

Offered fall and spring only.

**SLP 499 INDEPENDENT STUDY**

3, 0/0

Offered fall and spring only.

**SLP 501 CLINICAL METHODS**

2, 2/0

Prerequisite: Graduate status in speech-language pathology program; corequisite: SLP 515. Techniques used in the clinical management of speech, language, and swallowing disorders across cultures and throughout the life span; professional issues in speech-language pathology.

**SLP 505 GRADUATE PRACTICUM IN AN EDUCATIONAL SETTING**

6, 0/30

Prerequisites: Graduate status in speech-language pathology program; minimum grade of B in previous clinical practica; minimum of 48 hours of professional coursework; instructor permission; prerequisite or corequisite: SLP 424 or equivalent. Supervised clinical experience in an educational setting providing diagnosis and therapy for a variety of communication disorders. Meets the student teaching requirement for the New York State Education Certification of Teachers of the Speech and Hearing Handicapped.

**SLP 507 INTRODUCTION TO SIGNED LANGUAGE SYSTEMS**

3, 3/0

Prerequisite: Graduate-level standing. Fundamentals of American Sign Language (ASL), Pidgin Signed English (PSE), and Signed Exact English (SEE), including basic grammatical features, language functions and fingerspelling. Provide students with receptive and expressive skills for ASL, PSE, and/or SEE communication with Deaf and Hard-of-hearing individuals. Additional content in Deafness, Deaf culture, and signed languages. Offered fall semester only.

**SLP 508 AUDIOLOGY AND ASSISTIVE TECHNOLOGY IN THE SCHOOLS**

3, 3/0

Prerequisite: Graduate status. Introduction to educational audiology and support of students who are hard-of-hearing/ have an auditory processing disorder in the classroom; hearing aids and hearing aid listening checks, FM systems, cochlear implants, auditory processing disorders, classroom acoustics, classroom accommodations, and interprofessional collaboration. Offered every spring.

**SLP 511 NEURAL PROCESSES OF COMMUNICATION**

3, 3/0

Pre-requisite: graduate status in the Speech-Language Pathology program. Basic concepts of neuroanatomy and neurophysiology as the foundation for diagnosis and treatment of communication and swallowing disorders of neurologic origin.

**SLP 515 CLINICAL PRACTICUM**

1-8, 0/0

Prerequisites: Graduate status in speech-language pathology program, SLP 501, and completion of 25 hours of supervised observation. Supervised on-campus clinical practicum for graduate students in speech-language pathology as necessary to meet state licensure and national certification requirements; policies and procedures of Buffalo State College Speech-Language-Hearing Clinic. Required for all graduate students prior to enrollment in SLP 505 or SLP 611.

**SLP 516 DIAGNOSTIC PRINCIPLES AND PROCEDURES**

2, 0/2

Prerequisite: Graduate status in speech-language pathology program. Exploration and implementation of diagnostic procedures in speech-language pathology. Emphasis is on the problem-solving principles and the importance of evidence-based and culturally appropriate practice in the clinical evaluation of individuals with communication and swallowing disorders. Offered every fall..

**SLP 518 EXTENDED APPLICATIONS IN COMMUNICATION SCIENCES AND DISORDERS**

1, 0/2

Pre-requisite: graduate status in Speech-Language Pathology program. This lab will provide students with hands-on experience using various formal and informal assessment procedures, and with the diagnostic and therapeutic application of instrumentation commonly used in Communication Sciences and Disorders (CSD).

**SLP 541 LANGUAGE DISORDERS: BIRTH TO AGE 5**

3, 3/0

Prerequisites: Graduate status in speech-language pathology and a course in language development/disorders. Communicative and social interactions of children from birth to age 5; team approaches to the assessment of the communication patterns of infants, toddlers, and preschoolers from a range of culturally and linguistically diverse backgrounds; the development of appropriate intervention programs; theoretical, evidence-based, and practical applications.

**SLP 580 RESEARCH METHODS IN SPEECH-LANGUAGE PATHOLOGY**

2, 2/0

Prerequisite: Graduate status in speech-language pathology program. Research questions and methodologies used in communication disorders and sciences that include cultural and ethical considerations: quantitative and qualitative research models; literature review techniques; research-question formation; methods of data collection; critical analysis. Students formulate a research question in consultation with program faculty and review pertinent literature.

**SLP 587 TOPICS COURSE**

3, 3/0

In-depth examination of rapidly and significantly changing disciplinary issues, topics, or practices; offered occasionally.

**SLP 590 INDEPENDENT STUDY**

1-3, 0/0

Independent study arranged between a graduate faculty member and a student. See the Independent Study section of this catalog for the independent study policy.

**SLP 594 GRADUATE WORKSHOP**

1-3, 0/0

Graduate workshop in Speech-Language Pathology.

**SLP 605 CONTEMPORARY ISSUES IN CLINICAL INTERACTIONS: FAMILIES AND CULTURE**

2, 2/0

Prerequisite: Graduate status in speech-language pathology program. Multicultural considerations within the framework of family systems theory; working effectively with families from a variety of multicultural backgrounds; developing strategies for enhancing communication with families across diverse cultures; assessment and intervention techniques for various communication and swallowing disorders in multicultural populations; understanding relevant policies for multicultural speech-language pathology.

**SLP 606 FLUENCY DISORDERS**

3, 3/0

Prerequisite: Graduate status in speech-language pathology program. Etiologic, psychologic, sociologic, clinical, and multicultural information relative to the assessment and treatment of individuals with disfluent speech; theoretical, evidence-based, and practical applications. Discussion of decision making for individuals with fluency disorders presented. Offered annually.

**SLP 607 DYSPHAGIA ACROSS THE LIFE SPAN**

2, 2/0

Prerequisites: Graduate status in speech-language pathology program, SLP 511 or equivalent. Congenital and acquired swallowing disorders, their neurological and physical bases, differential diagnoses, prevention, treatments, and associated cultural and ethical issues across the life span; theoretical, evidence-based, and practical applications.

**SLP 608 NEUROMOTOR SPEECH DISORDERS ACROSS THE LIFE SPAN**

3, 3/0

Prerequisites: Graduate status in Speech-Language Pathology program, SLP 511 or equivalent. Child and adult neuromotor speech disorders including neurological bases, differential diagnoses, prevention, and treatments across the life span and with culturally and linguistically diverse populations; theoretical, evidence-based, and practical applications. Offered every spring.

**SLP 609 DISORDERS OF VOICE AND RESONANCE**

3, 3/0

Prerequisite: Graduate status in speech-language pathology program. Nature, etiology, diagnosis, and intervention of voice and resonance disorders across the life span and in multicultural populations: theoretical, evidence-based, and practical applications. Offered every fall.

**SLP 610 EVALUATION AND TREATMENT OF PHONOLOGICAL DISORDERS**

3, 3/0

Pre-requisite: graduate status in Speech-Language Pathology program. Various approaches to the evaluation and treatment of phonological disorders, including theoretical issues, evidence based assessment and treatment approaches, and cultural and linguistic issues.

**SLP 611 EXTERNSHIP IN COMMUNICATION DISORDERS**

3-12, 0/15

Prerequisites: Graduate status in speech-language pathology program; minimum grade of B in previous clinical practica; minimum of 48 hours professional coursework; instructor permission. Supervised clinical practicum in community speech-language-hearing clinics and/or hospitals providing diagnosis and therapy for a variety of communication disorders across the life span. Required for ASHA certification and NYS license in speech-language pathology. Required for all speech-language pathology majors. Equivalent Course: BXE 628

**SLP 621 AUGMENTATIVE AND ALTERNATIVE COMMUNICATION**

3, 3/0

Prerequisites: Graduate status in either the department of Speech-Language Pathology or Exceptional Education. Present the needs and experiences of individuals who are nonspeaking. Description of alternative and augmentative communications systems, techniques, and strategies. Assessment and intervention strategies for alternative and augmentative communication provided. Offered every spring.

**SLP 622 LANGUAGE DISORDERS OF SCHOOL-AGED INDIVIDUALS**

3, 3/0

Prerequisite: Graduate status in speech-language pathology program. Culture-based approaches and procedures applied to assessment and intervention of language disorders of school-aged children; theoretical, evidence-based, and practical applications.

**SLP 623 ACQUIRED LANGUAGE DISORDERS**

3, 3/0

Prerequisites: Graduate status in speech-language pathology program, SLP 511 or equivalent. Acquired neurogenic language disorders in adults; differential diagnosis and treatment of the varieties of cognitive/communicative disorders associated with acquired brain damage, with consideration for cultural and linguistic background; theoretical, evidence-based, and practical applications.

**SLP 625 ADVANCED TOPICS AND ISSUES IN COMMUNICATION SCIENCES AND DISORDERS**

3, 3/0

Prerequisite: Graduate status in speech-language pathology program. In-depth examination of contemporary professional and clinical topics, and new and emerging issues in the field of communication sciences and disorders. Relevant, timely course content will vary to keep pace with current issues that have an impact on the discipline.

**SLP 690 MASTER'S PROJECT**

3, 3/0

Prerequisite: SLP 580 or equivalent. Study undertaken by one or more individuals on a problem of special interest submitted in acceptable written form according to guidelines provided by the Speech-Language Pathology Department.

**SLP 695 MASTER'S THESIS**

1-3, 0/0

Individual investigation of an original problem submitted in acceptable form according to guidelines provided by the Graduate School.

**SLP 721 THESIS/PROJECT CONTINUATION**

0, 0/0

