

# SPEECH PATHOLOGY (SPP)

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SPP 123 Psycholinguistics (3 credits)

SPP 140 Introduction to Communication Disorders (3 credits)

> Introduction to a wide range of disabilities and their impact on communication. Topics include the nature, etiology, and incidence of communication disorders in adults and children. Students are required to complete 10 hours of observation in a variety of settings including schools, hospitals, and clinics.

**Course Rotation:** NYC: Spring.

SPP 165 Basic American Sign Language (3 credits)

SPP 223 Psycholinguistics (3 credits)

The nature of the human ability to use language. Topics include the structure of language, the biological and neurological bases of language function and language acquisition, sociolinguistics, the relationship between thought and language, and comprehension and production strategies. This course also serves as an introduction to research methods.

**Course Rotation:** Fall.

SPP 241 Diagnostic and Therapeutic Procedures (3 credits)

General principles of diagnosis and therapy and procedures specific to each disorder. Includes approximately 10 hours of observation in the Pace University Speech and Hearing Center and other facilities.

**Course Rotation:** Fall.

**Prerequisites:** SPP 140, SPE 256, and SPP 251 or permission of the Instructor.

SPP 251 Early Language Development (3 credits)

The acquisition of language from birth through age 5. Phonologic, semantic, syntactic, and pragmatic development in normal children will be studied. Assignments will be individualized according to the student's major. Speech pathology majors will videotape and do an in-depth analysis of a preschool child's language sample. Non-majors will be given projects to introduce them to atypical development and second language acquisition.

**Course Rotation:** Spring.

**Prerequisites:** SPP 223 or permission of the instructor.

SPP 253 Anatomy and Physiology of Speech and Hearing Mechanisms (3 credits)

A non-laboratory course which provides a basic understanding of the anatomy and physiology of the speech, language, and hearing mechanism. Appropriate for speech pathology majors and other allied health profession majors.

**Course Rotation:** NYC: Fall.

**Prerequisites:** Sophomore standing or permission of Instructor.

SPP 270 Introduction to Audiology (3 credits)

An introduction to the physics of sound, anatomy and physiology of the hearing mechanism, auditory disorders and principles and techniques of measurement. Review of rehabilitation techniques for the hearing impaired.

**Course Rotation:** NYC: Fall.

**Prerequisites:** SPP 253 and junior standing or permission of Instructor.

SPP 342 Advanced Communication Disorders (3 credits)

Examination of several speech-language disorders. Students must read original research articles in professional journals. Topics vary from year to year. Observations in local speech and hearing centers are also required.

**Course Rotation:** NYC: Spring.

**Prerequisites:** SPP 241 or permission of Instructor.

SPP 350 Hearing and Speech Science I (4 credits)

This course introduces the student to the study of the physics of sound, psychoacoustics, the decibel, and acoustics as they relate to the auditory and speech systems. An instrumentation lab for acoustic analysis is also included.

**Course Rotation:** NYC: Spring.

**Prerequisites:** SPP 253 and SPE 256 or permission of Instructor.

SPP 351 Voice and Speech Science II (3 credits)

**SPP 352 Language Development and Disorders in School-Aged Children (3 credits)**

This course will focus on the language competencies acquired by children from ages five through adolescence, and will relate these skills to academic performance. Special emphasis will be placed on the relationship between language acquisition and literacy development including listening, speaking, reading, and writing. Integration of therapy with classroom curriculum and collaboration with the classroom teacher will be covered.

**Course Rotation:** Fall.

**SPP 353 School Programs in Speech (3 credits)**

This course is open to students during their senior year, before student teaching. The material covered will allow students to be prepared to work in the school with students with Speech and/or Language problems. The students will learn to write lesson plans, and IEP, as well as how to put together an in-service. Students will have a portfolio of their work to take on job interviews.

**Course Rotation:** NYC: Fall.

**Prerequisites:** SPP 241, SPP 352 and senior standing or permission of Instructor.

**SPP 355 Bilingual Speech-Language Development and Disorders (3 credits)**

This course will examine theories of bilingualism and bilingual language development using data with psycholinguistics, sociolinguistics, and neurolinguistics. The effect of cultural differences on normal and disordered speech and language functioning, and implications for diagnosis, therapy, and academic functioning will be addressed. Field exercises in bilingual setting will be required.

**Course Rotation:** NYC: Spring and Summer.

**Prerequisites:** SPP 241 or SPP 251 or permission of Instructor.

**SPP 371 Introduction to Audiologic Rehabilitation (3 credits)**

This course examines the models of audiologic habilitation and rehabilitation throughout the lifespan-from childhood to geriatric populations. The use of amplification, assistive listening devices, audiological counseling, and the impact of hearing loss on communication, education, vocational, economic, and psychosocial development will be explored. A service-learning component is included in the curriculum. Students participate in a hearing screening and conservation program at Good Shepard Services, a residential facility for adolescent girls.

**Course Rotation:** NYC: Spring.

**Prerequisites:** SPP 270. New Core: Fulfills 3 credits in Area of Knowledge I. Service Learning Component.

**SPP 372 Counseling the Communicatively Disabled and Families (3 credits)**

This course will introduce the basic theories and practices of counseling, as well as normal psychological, psychosocial, and psychoeducational development. All health professionals and educators who deal with families and/or children with communication disorders and/or special needs will benefit.

**Prerequisites:** Permission of the Instructor is required.

**SPP 380 Seminar in Speech Pathology (1-3 credits)**

Course is exclusively for speech pathology majors in their last year of study, designed to help prepare them for professional careers in speech or allied fields: comprehensive review and exploration of background; written and oral reports.

**Course Rotation:** NYC: TBA.

**Prerequisites:** Senior standing or permission of the Instructor.

**SPP 381 Communication Issues in Healthcare Delivery (3 credits)**

This course introduces the basic theories and practices of counseling, as well as normal psychological, psychosocial, and psychoeducational development. All health professionals and educators who deal with families and/or children with communication disorders and/or special needs will benefit.

**Course Rotation:** NYC: Summer.

**Prerequisites:** Permission of the Instructor is required.

**SPP 460 Clinical Practicum in Speech Pathology I (0-4 credits)**

Students will conduct speech-language therapy in a supervised clinical environment. Students will learn to determine goals, write lesson plans, and develop appropriate intervention methods including the use of instrumentation as a therapeutic tool. Includes a two-hour weekly seminar where self-assessment through the use of videotapes is emphasized. Five hours of observation followed by 25 hours of direct client contact.

**Course Rotation:** NYC: Fall.

**Prerequisites:** SPP 241, junior standing and a minimum CQPA of 2.70. Permission of Instructor required.

**SPP 461 Clinical Practicum in Speech Pathology II (0-4 credits)**

Supervised experience in a clinical setting 30 hours of client contact. This course provides a continuation of the experience in SPP 460 with the addition of the opportunity to conduct and write-up a diagnostic evaluation. Students wishing to complete the bilingual extension will be placed in a bilingual setting appropriate to the language of competency.

**Prerequisites:** SPP 241, SPE 256, QPA of 2.7 or higher in the major, and department approval required.

**SPP 462 Clinical Practicum in Audiology (2 credits)**

For this clinical practicum, students conduct audiologic screening both on campus at the Pace University Speech and Hearing Clinic and at a residential foster care facility for adolescent girls located in lower Manhattan. This course begins with basic skill development (i.e., earphone and bone conduction vibrator placement, biologic calibration of instrumentation, instrumentation use) and progress to implementation of audiometric sweep screening according to ASHA guidelines and basic audiologic diagnostic evaluations - pure-tone (air and bone conduction) and speech audiometry. Students apply theories learned in coursework to clinical work. Specifically, students begin with interpretation of elementary audiograms and progress to more complex audiograms. In addition, students are introduced to audiologic measures used in more advanced diagnostic assessment procedures.