

consultant. Discussion will include applying physical therapy consultation services to individuals, business, schools, government agencies and/or other organizations.

PTH ( )  
Applications in Clinical Research  
Information presented on how to develop and present a publishable quality case study. It also includes the actual practice of doing an outcomes study in the clinical environment.

PTH ( )  
Ethical & Legal Issues in Healthcare  
Contemporary ethical issues are explored, including the relationships among peers, superiors, subordinates, institutions, clients, and patients. Illustrations include actual cases related to Christian biblical principles.

PTH ( )  
Professional Compendium  
Summarization of previous or added learning experiences relative to contemporary issues in physical therapy. An overview of the new graduate's role and responsibility to his/her patients and their families, employer, and community in the expanding physical therapy profession.

PTH ( )  
Practical Comprehensive Examination

PTH \$ ( )  
Research Project Continuation  
Students register for this continuation course while completing their capstone project and not enrolled in other program courses. Registration for this course indicates full-time status which includes library privileges and access to an advisor. Requires advisor approval.

PTH ( - )  
Capstone Experience  
Serves as an essential outcome component to augment the professional development and new learning that occurs in didactic course work of the postprofessional doctoral degree and demonstrates the ability of the DPT/DScPT to make significant contributions to the profession and/or serve as a change agent in the field of physical therapy.

PTH ( - )  
Research Project (topic)  
Provides students with guidelines and 71 Ds2(uisd(guidelines) mt12 [(th not only) (Provides student with (e) Pre-requisite for (se) 5(-27

PTH ( )  
PT Seminar  
Preparation of a personal portfolio, assessment of the clinical experiences and preparation for professional licensure.

PTH ( , , )  
Clinical Internship I, II, III, IV  
Advanced full-time clinical experience ( - weeks each) in a variety of professional practice settings. One of the internships must be in outpatient orthopedics, inpatient, and a neurology setting. Thirty-six to forty hours per week. May be repeated.

# SPEECH-LANGUAGE PATHOLOGY & AUDIOLOGY

Bell Hall, Room  
- -  
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Faculty  
Darah J. Regal, Chair  
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Academic Programs	Credits
BS: Speech-Language Pathology and Audiology	
Minor in Speech-Language Pathology and Audiology	

## Mission

The Andrews University Department of Speech-Language Pathology & Audiology provides faith-affirming Christian education focusing on the knowledge and practice of speech-language pathology and audiology. Majors are expected to become knowledgeable about a variety of communication disorders, their etiology, and treatment; develop professional skills and demeanor; treat all patients with respect regardless of age, gender or ethnicity; provide effective clinical services; and successfully prepare for graduate education and service to the world.

Speech-language pathology and audiology are two disciplines that focus on communication problems. Speech-language pathologists work with individuals who have difficulties speaking fluently and clearly, understanding speech, using their voices, formulating language, and feeding and/or swallowing. Audiologists work with individuals who have difficulty with hearing, central auditory processing, dizziness, and tinnitus. Speech-language pathologists and audiologists work in a variety of settings including hospitals, schools, rehabilitation centers, and private practice.

The major in speech-language pathology and audiology at Andrews University offers pre-professional (undergraduate) education for those interested in becoming speech-language pathologists or audiologists. The undergraduate curriculum not only provides student with (e) Pre-requisite for (se) 5(-27 graduate school admission, but also with opportunities for clinical experience in the department and community. Individuals desiring to become speech-language pathologists must obtain a master's degree. Individuals desiring to become audiologists must obtain a clinical doctorate (AuD) degree. Details of graduate programs are available through the department office.

Students entering the program as sophomores (with a minimum of credits) must have a cumulative GPA of . or above. Courses SPPA and SPPA are open to all students, including those with less than a . cumulative GPA; however a cumulative GPA of . is required for all upper division ( and level) courses. Juniors (with a minimum of credits) deciding to transfer into the program must have a . minimum cumulative GPA. The major is designed so that it may be completed in four semesters during a student's junior and senior years.

## Programs

### BS: Speech-Language Pathology and Audiology (45)

SPPA , , , , , , , , , , , , , , and .

Cognates: PHYS (Meets the General Education Life/Physical Science requirement), STAT

Recommended Courses: COMM , ENGL , BHSC , BIOL , , , PSYC .

SPPA ( )

Preclinical Observation

Students observe and write reports on a total of hours of therapy and/or diagnostic sessions in the areas of speech-language pathology and audiology. They also participate in discussions of procedures used by the professionals during therapeutic interventions.

SPPA \$ ( )

Anatomy and Physiology of Speech and Hearing

The study of the anatomy and physiology of respiration, hearing, phonation, articulation, and the central nervous system. Students participate in a gross-anatomy human cadaver lab. Weekly: lectures and a -hour lab.

SPPA ( )

Applied Phonetics

A study of the International Phonetic Alphabet and its application to speech and hearing sciences. Includes an introduction to acoustic theory and spectrographic analysis of speech.T\* [(phosis )1(ofit /T1\_3

### Minor in Speech-Language Pathology and Audiology (23)

SPPA , , , , , , , , and .

Students in education, communication, and behavioral science find a speech-language pathology and audiology minor helpful for increasing their awareness and understanding of people with speech, language, and hearing impairments. The minor also gives students with another major the necessary background to pursue graduate studies in speech-language pathology or audiology.

### Courses (Credits)

See inside front cover for symbol code.

SPPA ( )

Introduction to Speech-Language Pathology and Audiology

An introduction to the professions of speech-language pathology and audiology, this course surveys the possible etiologies and characteristics of various communication problems encountered by clinicians. Language and communication differences in a multicultural society are also examined.

SPPA ( )

Fieldwork

Students participate in experiences in the community related to the professions of speech-language pathology and audiology. Open to majors who have applied one semester in advance. Repeatable. Does not apply to major or minor. Meets the general education fieldwork requirement.

