

SCHOOL OF HEALTH PROFESSIONS

Specialized F

Academic Calendar. Contact the Department of Physical Therapy for academic dates.

Graduate Programs

Doctor of Physical Therapy (DPT)

This three-year program begins after a student completes semester credits of specific college prerequisites. Students taking the appropriate prerequisites will earn a Bachelor of Health Science (BHS) after the first year in the professional program and the DPT degree upon successful completion of the program. A previous bachelor's degree is not required however applicants holding a bachelor's degree are eligible to apply as well.

Program Accreditation

The DPT program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE)*. After receiving the DPT degree graduates may apply to take the physical therapy licensure exam in the state of their choice.

* 1111 North Fairfax, Alexandria, VA 22314

Information/ Application Process

Please call - - - , e-mail pt-info@andrews.edu or visit www.andrews.edu/cas/pt for application instructions and admission requirements. Information is available by June of each year.

All applicants applying for admission to the DPT professional entry program must apply via the Physical Therapy Centralized Application Service.

Admission Requirements

There are three tracks for admission into the DPT program. The minimum requirements to be considered for admission are:

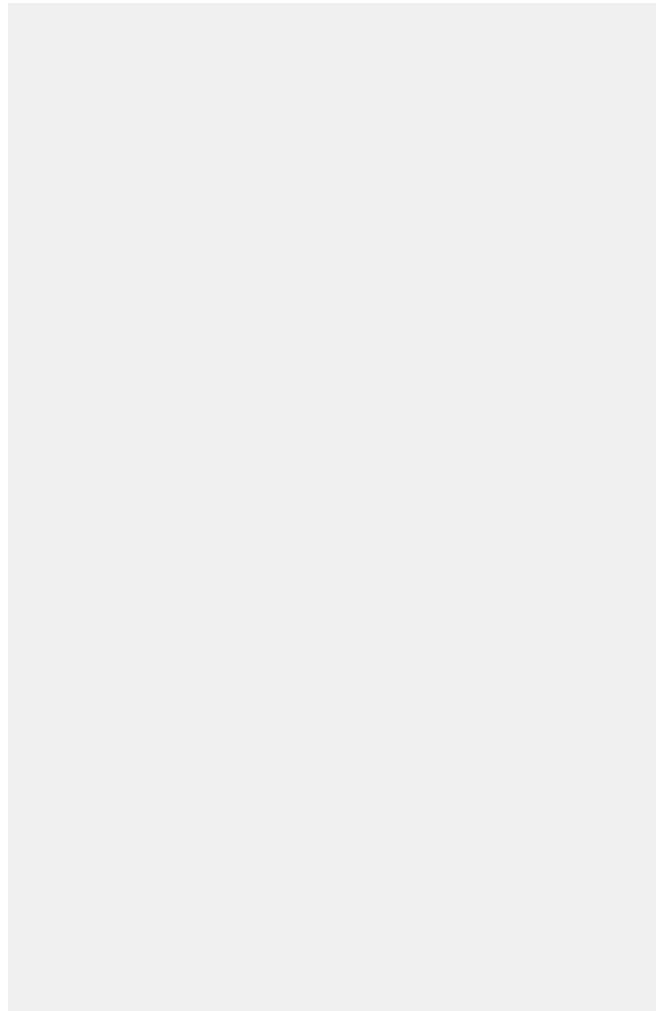
Freshman Acceptance (Requires PTCAS application, but no interview or confirmation deposit). Freshman enrolling as a BHS: Physical Therapy major are guaranteed acceptance into the DPT program if they complete at least 90% of prerequisite course requirements at Andrews, maintain at least a . science and overall prerequisite GPA, meet all program admission requirements, uphold University standards and display professional behavior.

Preferred Acceptance (Requires a PTCAS application, interview and confirmation deposit). Acceptance into the program is PREFERRED when a student transfers into Andrews University for at least their last semester of prerequisite requirements, has at least a . science and overall prerequisite GPA, meets all program admission requirements, and upholds University standards and display professional behavior.

General Acceptance (Requires a PTCAS application, interview and confirmation deposit). The Andrews University physical therapy program enrolls students from a nationwide pool of applicants. GENERAL Acceptance includes any student who has completed all prerequisite requirements from any U.S. accredited college or university (or U.S. equivalent), maintains at least a . science and overall prerequisite GPA, meets all program admission requirements, and upholds University standards and displays professional behavior.

Admission to the DPT program is selective based on the following considerations:

Prerequisite courses including general education requirements for students WITHOUT an earned bachelor's degree (includes semester credits with at least credits being upper-division). Applicants are considered when a minimum of or more prerequisite science courses and a minimum of semester credits have been completed.



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Physical Science:

Option : A full sequence of general physics with labs as required for pre-med students plus any two chemistry courses with labs; or

Option : A full sequence of general chemistry with labs as required for pre-med students plus any two physics courses with labs.

Mathematics: A basic statistics or research methods course.

Social Sciences

Psychology—An introductory psychology course.

Human Development—A course which covers human development beginning with conception.

Medical Terminology: A course in basic medical terminology.
May be taken by distance learning.

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- . Successful completion of the oral/practical live patient examinations given through NAIOMT.
- . Successful completion of the NAIOMT supervised clinical hour requirement at an approved mentorship site.
- . An earned minimum grade of "C" (.) or "S" (in a "S/U" course) in each program course.
- . A minimum cumulative GPA of . .

Courses (Credits)

See inside front cover for symbol code.

Written permission from the Chair of the PT program is required for non-physical therapy students to enroll in PTH/PHTH courses.

PHTH S ()
Introduction to Physical Therapy
 An introduction to the profession of physical therapy with an overview of duties and responsibilities physical therapists perform. Partially fulfills the clinical observation prerequisites for admission to the professional program. Students must have their own transportation for the clinical observation.

PHTH S • ()
Human Anatomy
 Comprehensive study of human anatomy covering all systems of head, neck, trunk, and extremities. A solid morphological basis for a synthesis of anatomy, physiology, and clinical sciences provided. Dissection and identification of structures in the cadaver, and the study of charts, models, and prosected materials. Prerequisites: BIOL , or BIOL , or equivalent. See instructor for additional requirements. Corequisite: PTH .

PHTH S \$ • ()
Human Anatomy Laboratory
 Study of the prosected extremity, head and neck anatomy, and dissection of the abdominal and thoracic organ systems. Prerequisites: same as for PTH . Corequisite: PTH .

PHTH (-)
Physical Therapy Clinical Experience
 A course which provides hands-on, patient contact experiences in a variety of settings. The clinical experiences are coordinated to correspond to the requirements of the physical therapy program. As a facilitator, the clinical instructor will assist in developing the student's clinical thinking skills. The student is expected to become independent with the evaluation and treatment of non-complex patients within that practice setting. S/U course.

PHTH S (-)
Topics in _____
 Selected topics in physical therapy. Permission of department chair required. Repeatable. Specific prerequisites may be required for some subject areas.

PTH • ()
Anatomy
 A comprehensive study of human anatomy with emphasis on the nervous, skeletal, muscle, and circulatory systems. Introduction to basic embryology and its relation to anatomy and the clinical sciences concludes the course. Provides a solid morphological basis for a synthesis of anatomy, physiology, and the physical therapy clinical sciences. Corequisite: PTH .

PTH • ()
Anatomy Laboratory
 Dissection and identification of structures in the cadaver supplemented with the study of charts, models, prosected materials and radiographs are used to identify anatomical landmarks and configurations. Corequisite: PTH .

PTH • ()
PT Assessment Skills
 Introduction to assessment principles and examination skills utilized in all areas of physical therapy. TheGuide to Physical Therapy Practice is referenced for the basic skills required in the assessment, intervention and documentation guidelines. Corequisite: PTH .

PTH • ()
Pathokinesiology
 The study of human movement including an introduction to the basic concepts of biomechanics with an emphasis on human joint/

modification of treatment for acute care including goal setting and professional note writing. Corequisite: PTH .

PTH

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PTH ()

Clinical Pharmacology

Develops a non-prescriptive knowledge of specific medications including indications, contraindications, precautions, adverse reactions, and dosage, especially as related to physiological effects of physical therapy interventions.

PTH ()

Principles of Therapeutic Exercise Laboratory

Practical demonstration and experience with responses to exercise, testing procedures, and exercise prescription, focusing on activities appropriate for clinical situations. Tests and interventions noted in the Physical Therapy Guide to Practice are highlighted. Corequisite: PTH .

PTH ()

Scholarly Inquiry and Dissemination

Introduction to the principles and practice of research, including designs, ethics, hypothesis testing and critical evaluation of clinical literature. Preparation and development of a graduate research proposal is interwoven throughout this course.

PTH ()

Research Statistics

Fundamental procedures in collecting, summarizing, presenting, analyzing, and interpreting statistical data. Statistical tests applied to medical specialties. Corequisite: PTH .

PTH ()

Cardiopulmonary

Lectures covering selected topics in cardiopulmonary medicine, focusing on clinical presentation, diagnostic tests, and medical and physical therapy interventions. Corequisite: PTH .

PTH ()

Orthotics and Prosthetics

Prosthetic management of amputees, management of patients with disabilities requiring orthotic intervention, and application/management of traction and orthotic devices. Corequisite: PTH .

PTH ()

Clinical Research

Introduces the student to basic concepts of yevh1(of)1(a)1(gr)[(Intr)10(od)10(uction)1(t)10(o)1(the)dsTf 23.71i15(ectur)10(od)15(e0(e:)1(PTH)30()10)1(m

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PTH \$ ()
 Program Continuation
 Students may register for this non-credit continuation course while clearing deferred grade (DG) and/or incomplete (I) courses. Registration for this course indicates active status. Requires program approval.

PTH ()
 Neurology I Laboratory
 Clinical application, rehabilitation practice, and techniques applied to nervous system dysfunction. Intervention techniques for conditions affecting the nervous system, such as spinal cord injury, head injury, stroke, and selected peripheral pathologies. Corequisite: PTH .

PTH ()
 Neurology II Laboratory
 Clinical application, rehabilitation practice, and techniques applied to basic physiological and neurophysiological mechanisms specific to nervous system dysfunction. Focus on techniques appropriate for use with neurologic patients and evaluation of patient response to treatment. Prerequisite: PTH . Corequisite: PTH .

PTH ()
 Clinical Practicum
 Practice of the knowledge and skills developed in the classroom and laboratory in a patient-care setting. This practicum consists of weeks full-time physical therapy experience in clinical facilities affiliated with the university. Repeatable.

PTH (-)
 Independent Study
 Individualized study and/or research in a specialized area under the guidance of an instructor. Permission from the department chair required prior to registration. Repeatable to credits.

PTH ()
 Independent Learning Contract
 The student, working with their advisor and following degree/course guidelines, will develop an independent -hour learning contract with a qualified clinical specialist to facilitate intensive focused clinical training in a field of study of their choosing.

PTH ()
 Clinical Reasoning I
 A course intended to enhance the skills associated with clinical reasoning and decision-making. This course is designed to provide students with the opportunity to apply their knowledge of anatomy, physiology, and pathophysiology to clinical scenarios. The course includes a combination of lecture, case studies, and clinical reasoning exercises. Prerequisite: PTH 101. Corequisite: PTH 102. Credit by exam available. Clinical Reasoning I is a required course for the Physical Therapy program. Clinical Reasoning I is a required course for the Physical Therapy program. Clinical Reasoning I is a required course for the Physical Therapy program.

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 supervision for data collection, analysis, capstone project preparation and oral presentation.

PTH ()

Written Comprehensive Examination

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.