

# DOCTOR/PHYSICAL THERAPY (DPT)

## DPT 700 Orientation to Physical Therapy 1 Hour

Provide the student with an orientation to the physical therapy profession including specific clinical education policies and procedures and clinical placement.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: summer 2022; summer 2023; summer 2024*

## DPT 705 Orientation to Clinical Education in Physical Therapy 1 Hour

Disseminates information to students on contemporary professional issues in physical therapy as it pertains to clinical education.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

## DPT 711 Principles of Physical Assessment I 1 Hour

Introduction to basic patient assessment skills, including surface palpation and vital signs.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; summer 2023; summer 2024*

## DPT 712 Principles of Physical Assessment II 2 Hours

Additional patient assessment skills, including manual muscle testing, reflex testing, and sensory testing.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

## DPT 713 Principles of Physical Assessment III 2 Hours

Additional patient assessment skills, including goniometry, posture, anthropometric measures, with an introduction to patient history and documentation in SOAP note format.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2022; spring 2023; fall 2023; fall 2024*

## DPT 715 Patient Care Techniques 3 Hours

Performance and application of positioning skills, bed mobility, transfers, and gait training techniques (including assistive devices) across the continuum of care.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2022; spring 2023; spring 2024*

## DPT 716 Principles of Therapeutic Exercise in Physical Therapy 3 Hours

A theoretical and practical approach to therapeutic exercise and functional training as it applies to all populations.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2023; spring 2024*

## DPT 720 Gross Human Anatomy I 2 Hours

The study of gross human anatomy, including muscle, tendon, ligament, and vascular supply of the upper and lower extremities.

**Corequisite(s):** DPT 721

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: summer 2022; summer 2023; summer 2024*

## DPT 721 Gross Human Anatomy I Lab 1 Hour

Gross human anatomy lab with supervised exploration of muscle, tendon, ligament, and nerve innervation of the upper and lower extremities using a variety of resources.

**Corequisite(s):** DPT 720

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: summer 2022; summer 2023; summer 2024*

## DPT 722 Gross Human Anatomy II 2 Hours

The study of gross human anatomy, including muscle, tendon, ligament, innervation and vascular supply of the head, neck, trunk, pelvic, thoracic, and abdominal regions.

**Corequisite(s):** DPT 723

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: summer 2022; summer 2023; summer 2024*

## DPT 723 Gross Human Anatomy II Lab 1 Hour

Gross human anatomy lab with supervised exploration of muscle, tendon, ligament, innervation, and vascular supply of head, neck, trunk, pelvic, thoracic, and abdominal regions using a variety of resources.

**Corequisite(s):** DPT 722

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: summer 2022; summer 2023; summer 2024*

## DPT 724 Pathophysiology 4 Hours

Fundamentals of physiology and pathology related to diseases causing abnormal movement patterns or capabilities. Processes and diseases most frequently encountered in physical therapy practice emphasized.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

## DPT 726 Orthopaedic Foundations 3 Hours

Principles of orthopaedic physical therapy including biomechanics, applied anatomy, and osteokinematic and arthrokinematic concepts. Musculoskeletal system investigation from histological, structural, and functional perspectives.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

## DPT 727 Health Promotion and Wellness in Physical Therapy 2 Hours

This course will create a forum to prepare students for clinical competencies regarding health promotion/wellness as it relates to physical therapy.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

**DPT 728 Clinical Exercise Physiology 3 Hours**

Overview of the physiologic responses of the human body to exercise and training in normal and patient populations.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

**DPT 729 Pharmacology in Physical Therapy 2 Hours**

Actions and effects of pharmaceutical agents commonly encountered in physical therapy clinical practice.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: summer 2022; fall 2024*

**DPT 735 Pain Neuroscience for Physical Therapy 1 Hour**

The neuroscience of pain and its application in physical therapist practice.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2023; spring 2024*

**DPT 736 Neuroanatomy 3 Hours**

Anatomy of the central and peripheral nervous systems, emphasizing structure and functional relationships in normal and pathological states.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

**DPT 738 Motor Control 2 Hours**

This course will prepare students to understand and apply motor control principles as it relates to physical therapy.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2022; summer 2023; summer 2024*

**DPT 740 Biophysical Agents 3 Hours**

The clinical application of soft tissue techniques, thermal agents, intermittent compression, continuous motion, electrical stimulation, and mechanical traction.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; summer 2023; summer 2024*

**DPT 742 Diagnostic Testing and Imaging 2 Hours**

Presentation of diagnostic tests and interpretation of results as it applies to physical therapy evaluation, intervention, planning and treatment.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2022; spring 2023; spring 2024*

**DPT 745 Integumentary System 2 Hours**

Clinical practice of wound care including assessment tools, dressings, and treatment approaches.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2022; spring 2023; spring 2024*

**DPT 746 Management of Upper Extremity Musculoskeletal Disorders 4 Hours**

Physical therapy examination, evaluation, and intervention for upper extremity musculoskeletal dysfunction. Emphasis placed on the process of clinical decision making to develop the student's ability to utilize examination findings to establish a differential diagnosis that informs intervention. Lab activities promote development of psychomotor skills in the application of examination and intervention techniques, including special tests, manual therapy, and therapeutic exercise.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2022; spring 2023; spring 2024*

**DPT 747 Physical Therapy Management for Select Populations 2 Hours**

Exploration of clinical practice related to specialty areas of physical therapy including pelvic health and other conditions related to gender-specific pathologies.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

**DPT 748 Prosthetics and Orthotics 2 Hours**

Design, fabrication and fitting, and management of individuals requiring prosthetic and orthotic devices.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2022; spring 2023; spring 2024*

**DPT 749 Neurological Assessment 1 Hour**

Physical therapy examination, evaluation, and assessment of individuals with neurologically-based movement disorders.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: summer 2022; spring 2023; spring 2024*

**DPT 751 Supervised Clinical Education I 4 Hours**

This full-time first clinical education experience provides students the opportunity to actively engage in experiential learning and develop introductory clinical competence. Students are responsible for transportation to and from off-campus experiences.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

**DPT 752 Supervised Clinical Education II 5 Hours**

This full-time second clinical education experience provides students additional opportunities for experiential learning and further development of clinical competence. Students are responsible for transportation to and from off-campus experiences.

**Prerequisite(s):** DPT 751

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: summer 2022; fall 2022; summer 2023; summer 2024*

**DPT 753 Supervised Clinical Education III 7 Hours**

The third full-time clinical education experience provides students opportunities for refinement of their professional behaviors and examination skills, and development of intervention techniques. Students are responsible for transportation to and from off-campus experiences.

**Prerequisite(s):** DPT 752

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; spring 2023; fall 2023; fall 2024*

**DPT 754 Supervised Clinical Education IV 9 Hours**

The fourth full-time clinical education experience provides students the opportunity to further develop skills and display clinical competence as an autonomous physical therapist. Students are responsible for transportation to and from off-campus experiences.

**Prerequisite(s):** DPT 753

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2022; spring 2023; summer 2023; spring 2024; summer 2024*

**DPT 760 Professional Issues 2 Hours**

Professional issues pertinent to physical therapy, including state and national associations, state and federal laws, standards of practice, and code of ethics.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2022; spring 2023; spring 2024*

**DPT 761 Physical Therapy Management and Administration I 1 Hour**

Foundational concepts of business principles for doctor of physical therapy students with an emphasis on leadership, administration, management, and professionalism.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: summer 2022; summer 2023; summer 2024*

**DPT 762 Physical Therapy Management and Administration II 3 Hours**

General principles of organization and administration that impact the ethical and legal aspects of physical therapy practice.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2022; spring 2023; spring 2024*

**DPT 770 Management of Lower Extremity Musculoskeletal Disorders 4 Hours**

Physical therapy examination, evaluation, and intervention for lower extremity musculoskeletal dysfunction. Emphasis placed on the process of clinical decision making to develop the student's ability to utilize examination findings to establish a differential diagnosis that informs intervention. Lab activities promote development of psychomotor skills in the application of examination and intervention techniques, including special tests, manual therapy, and therapeutic exercise.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

**DPT 771 Neurological Rehabilitation 4 Hours**

Emphasis on hands-on skill development, clinical reasoning, and critical analysis for treating individuals with neurologically-based movement disorders.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

**DPT 772 Cardiopulmonary Rehabilitation 3 Hours**

Evaluation and treatment of patients with cardiopulmonary disease and dysfunction, emphasizing the response of cardiac, circulatory and pulmonary systems to exercise.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: summer 2022; summer 2023; summer 2024*

**DPT 774 Spine Assessment and Intervention 4 Hours**

Spine assessment and treatment, including mobilizations, special tests, and exercise progressions, in patients with spine dysfunction.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2022; spring 2023; spring 2024*

**DPT 775 Screening for Referral 3 Hours**

A systems-based approach to differential screening and diagnosis to determine if further medical referral is necessary.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

**DPT 778 Geriatric Physical Therapy 1 Hour**

This course will explore the physical and psycho-behavioral aspects of aging. Students will review typical physiologic response to aging and the effects of these changes on the function of older clients being treated in various physical therapy settings. A problem-solving approach to management of elder patients with varied degree of medical complexity in multiple settings will be emphasized.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

**DPT 779 Pediatric Physical Therapy 3 Hours**

Examination of the factors affecting normal and pathologic development in infants and children to age 21. Additionally, treatment techniques appropriate to these populations will be covered.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2022; spring 2023; spring 2024*

**DPT 781 Research in Physical Therapy I 3 Hours**

An introduction to clinical research in physical therapy, dealing with research design and methodology, as well as the development of a research project topic.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

**DPT 782 Research in Physical Therapy II 2 Hours**

Further development of the research topic, critical review of clinically relevant research literature, development of IRB application, and establishing the project timeline.

**Prerequisite(s):** DPT 781

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2022; spring 2023; spring 2024*

**DPT 783 Research in Physical Therapy III 3 Hours**

Use of SPSS for physical therapy related data analysis, including descriptive statistics, statistical inference, analysis of differences, and analysis of relationships.

**Prerequisite(s):** DPT 782

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: summer 2022; summer 2023; summer 2024*

**DPT 784 Research in Physical Therapy IV 1 Hour**

Continuation of the Research track in Physical Therapy. Emphasis placed on data collection and application of applied research statistics.

**Prerequisite(s):** DPT 783

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2022; spring 2023; fall 2023; spring 2024; fall 2024*

**DPT 785 Research in Physical Therapy V 1 Hour**

Continuation of the Research track in Physical Therapy, with emphasis on completion of research project and dissemination of results.

**Prerequisite(s):** DPT 784

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: fall 2022; fall 2023; fall 2024*

**DPT 790 Physical Therapy Seminar 1 Hour**

Provides students with necessary strategies and tools to prepare for the national physical therapy board examination (NPTE) and to obtain and maintain state licensure. Completion of summative examinations to evaluate mastery of content areas will be performed. Fulfillment of continuing education (CEU) requirements will also be discussed, including organization and management of completed CEU hours.

**Restriction(s):** Enrollment is limited to students in Physical Therapy (0013)

*Recent Term(s) Offered: spring 2022; spring 2023; spring 2024; fall 2024*