

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 2 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 Physical Modalities 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.

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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.

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