

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 2016; summer 2017; summer 2018

DPT 705 Topics in Physical Therapy 1 Hour

Forum to disseminate information to students on contemporary professional issues in physical therapy.

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

Recent Term(s) Offered: fall 2016; fall 2017; fall 2018

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: summer 2016; summer 2017; summer 2018

DPT 712 Principles of Physical Assessment II 2 Hours

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

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

Recent Term(s) Offered: summer 2016; summer 2017; summer 2018

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: fall 2016; fall 2017; fall 2018

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 2016; spring 2017; spring 2018

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 2016; summer 2017; summer 2018

DPT 721 Gross Human Anatomy I Lab 1 Hour

Gross human anatomy cadaver lab with supervised dissection and exploration of muscle, tendon, ligament, and nerve innervation of the upper and lower extremities.

Corequisite(s): DPT 720

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

Recent Term(s) Offered: summer 2016; summer 2017; summer 2018

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 2016; summer 2017; summer 2018

DPT 723 Gross Human Anatomy II Lab 1 Hour

Gross human anatomy cadaver lab with dissection of muscle, tendon, ligament, innervation, and vascular supply of head, neck, trunk, pelvic, thoracic, and abdominal regions.

Corequisite(s): DPT 722

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

Recent Term(s) Offered: summer 2016; summer 2017; summer 2018

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 2016; fall 2017; fall 2018

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 2016; fall 2017; fall 2018

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 2016; fall 2017; fall 2018

DPT 728 Clinical Exercise Physiology 2 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 2016; fall 2017; fall 2018

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: spring 2016; spring 2017; spring 2018

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 2016; fall 2017; fall 2018

DPT 737 Neurophysiology 3 Hours

The study of human motor and sensory neurophysiology, cognitive and learning neurophysiology, neuropathophysiology, and neuroplasticity.

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

Recent Term(s) Offered: spring 2016; spring 2017; spring 2018

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 2016; spring 2017; spring 2018

DPT 739 Foundations for Physical Rehabilitation 3 Hours

This course will cover foundational topics in rehabilitation for the musculoskeletal and neuromuscular systems to include components of neurophysiology, surgical procedures, and principles of therapeutic exercise. Note: Open only to DPT students in good standing

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

Recent Term(s) Offered: None

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 2016; fall 2017; fall 2018

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 2016; spring 2017

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 2016; spring 2017; spring 2018

DPT 746 Orthopaedic Assessment 4 Hours

Evaluation and assessment of upper and lower extremity orthopaedic dysfunctions.

Prerequisite(s): DPT 726

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

Recent Term(s) Offered: spring 2016; spring 2017; spring 2018

DPT 747 Women's Health in Physical Therapy 2 Hours

Discussion of physical therapy management of musculoskeletal, integumentary, cardiopulmonary, and genitourinary pathologies common to women.

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

Recent Term(s) Offered: summer 2016; fall 2017; fall 2018

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 2016; spring 2017; spring 2018

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 2017; summer 2018

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 2016; fall 2017; fall 2018

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 2016; summer 2017; summer 2018

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 2016; fall 2017; fall 2018

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 2016; spring 2017; spring 2018

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 2016; spring 2017; spring 2018

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 2017; summer 2018

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 2016; spring 2017; spring 2018

DPT 770 Orthopaedic Rehabilitation 4 Hours

Manual therapy, exercise techniques, intervention, and progressions for individuals with orthopaedic pathologies and dysfunctions.

Prerequisite(s): DPT 746

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

Recent Term(s) Offered: fall 2016; fall 2017; fall 2018

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 2016; fall 2017; fall 2018

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 2016; summer 2017; summer 2018

DPT 774 Spine Assessment and Intervention 3 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 2016; spring 2017; spring 2018

DPT 775 Screening for Referral 4 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 2016; fall 2017; fall 2018

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: spring 2018

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 2016; spring 2017; spring 2018

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 2016; fall 2017; fall 2018

DPT 782 Research in Physical Therapy II 3 Hours

Further development of the research topic, critical review of clinically relevant research literature, IRB submission, and the initiation of data collection.

Prerequisite(s): DPT 781

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

Recent Term(s) Offered: spring 2016; spring 2017; spring 2018

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 2016; summer 2017; summer 2018

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 2016; spring 2017; spring 2018

DPT 785 Research in Physical Therapy V 1 Hour

Continuation of the Research track in Physical Therapy, with emphasis on research project completion and preliminary presentation to research advisor.

Prerequisite(s): DPT 784

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

Recent Term(s) Offered: fall 2016; fall 2017; fall 2018

DPT 790 Physical Therapy Seminar 1 Hour

Completion of research project with dissemination of results in manuscript form and formal presentation to faculty and area clinicians.

Prerequisite(s): DPT 785

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

Recent Term(s) Offered: spring 2016; spring 2017; spring 2018