



Doctor of Physical Therapy Curriculum

First Year Students

Fall Classes Block I

- **P T 510 - Applied Clinical Anatomy. 5 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. Anatomy of the neuromusculoskeletal system and body cavities in relation to movement and function with clinical correlates. Course lab fee. Level: Graduate
- **P T 523 - Clinical Medicine I: Intro to Med. 1 Credit.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. Introduction to medical screening and the PT exam within the patient/client Management model. Level: Graduate
- **P T 529 - Clinical Biomechanics. 5 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. The principles of biomechanics as applied to the practice of physical therapy. Level: Graduate

Fall Classes Block II

- **P T 503 - PT and Health Care System. 2 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. An introduction to physical therapy and its relationship to the health care system. Topics include introduction to PT as a profession, teaching and learning, ethics, laws and professional issues in physical therapy. Level: Graduate
- **P T 516 - Movement System Exam & Eval. 5 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. Principles of musculoskeletal examination and evaluation including posture, palpation, measurement of ROM and muscle performance, assessment of muscle length, and joint play. Level: Graduate
- **P T 526 - Foundational Skills & Intervention. 3 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. Basic skills of documentation, medical terminology, transfers, bed mobility, and gait assistive device use. Level: Graduate

Spring Classes Block I

- **P T 530 - Clinically Applied Exercise Physiology. 5 Credits.**

Offered spring. Prereq., enrolled in DPT program or permission of instructor. Principles and applications of the physiological adaptations to acute and chronic exercise stresses, exercise assessment/testing, prescription and progression of the exercise program, and the adaptations of exercise interventions in the clinical environment. Basic principles and application of Proprioceptive Neuromuscular Facilitation (PNF). Level: Graduate

- **P T 536 - Neurosciences. 5 Credits.**

Offered spring. Prereq., enrolled in DPT program or permission of instructor. Anatomy of the head and neck, and neuroanatomy of the human nervous system with emphasis on evaluation of central nervous system lesions and pathological conditions, clinical applications to physical therapy. Level: Graduate

- **P T 582 - Clinical Clerkship. 1 Credit.**

Offered spring. Prereq., enrolled in DPT program or permission of instructor. A mix of classroom and clinical experiences to introduce students to the expectations of professional practice. CR/NCR grading. Level: Graduate

Spring Semester Block II

- **P T 519 - Musculoskeletal Management I. 3 Credits.**

Offered spring. Prereq., enrolled in DPT program or permission of instructor. Principles of musculoskeletal examination, evaluation, and intervention. The focus is application of anatomic and biomechanical principles when examining posture and movement, identification of abnormal movement patterns, and analysis of underlying neuromuscular impairments. Level: Graduate

- **P T 520 - Development Through the Life Span. 2 Credits.**

Offered spring. Prereq., enrolled in DPT program or permission of instructor. Presentation of changes in adults they progress through the lifespan. Includes the functional changes associated with aging, assessing and managing fall risk, performance and interpretation of functional outcome measures. Level: Graduate

- **P T 527 - Physical & Electrophysical Agents. 3 Credits.**

Offered spring. Prereq., enrolled in DPT program or permission of instructor. Physiology, indications, contraindications, and application of electrotherapy and physical agents. Theory and application of electrodiagnostic and electrotherapeutic procedures. Level: Graduate

- **P T 532 - Foundational Skills II. 1 Credit.**

Offered spring. Prereq., enrolled in DPT program or permission of instructor. Principles of soft tissue mobilization. Techniques covered include: superficial, petrissage, kneading, neuromuscular, friction massage and trigger point techniques. Instruction regarding indications, precautions, contraindications, draping, position, and primacy issues included. Level: Graduate

- **P T 560 - Clinical Reasoning I. 1 Credit.**

Offered spring. Prereq., enrolled in DPT program or permission of instructor. Introduction to the clinical reasoning process in physical therapy, faculty research and scholarship options, and laboratory orientation. Level: Graduate

Summer

- **P T 587 - Full-Time Clinical Experience I. 6 Credits.**
Offered summer. Prereq., enrolled in DPT program or permission of instructor. Eight weeks of full-time clinical experience with emphasis on developing patient evaluation and treatment skills. Only CR/NCR grading. Level: Graduate

Second Year Students

Fall Classes Block I

- **P T 524 - Clinical Medicine II. 2 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. Introduction to pharmacology, medical management of selected orthopedic and hematological conditions. Level: Graduate
- **P T 563 - Cardiopulmonary PT. 4 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. Cardiovascular and pulmonary pathology, pharmacology, and differential diagnosis. Physical therapy assessment and interventions for patients with cardiovascular and/or pulmonary disease. Level: Graduate
- **P T 567 - Neurorehabilitation I. 3 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. Neurologic physical therapy assessment and intervention of adults. Principles of neuroplasticity, motor control, motor learning and application to physical therapy neurorehabilitation. Includes wheelchair seating and mobility assessment and prescription. Level: Graduate

Fall Classes Block II

- **P T 525 - Clinical Medicine III. 2 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. Pathophysiology, medical and pharmacological management of oncological, immunological diseases and organ transplantation. Level: Graduate
- **P T 533 – Pelvic Health PT. 1 Credit.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. Examination, screening and treatment of pelvic health issues including genitourinary issues, obstetrics, incontinence, and pelvic pain. Level: Graduate
- **P T 569 - Musculoskeletal Management II. 5 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. Principles of musculoskeletal examination, evaluation, and intervention for the hip, knee, ankle, foot, lumbar spine, and SI joint. Level: Graduate
- **P T 576 - Clinical Reasoning II. 2 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. This course will build on the foundations established in Clinical Reasoning I and utilize reflections from the first summer Clinical Experience. The principles of evidence-based practice (EBP), including the application of evidence and the creation of evidence (both quantitative and qualitative), limitations of EBP and its role in the changing health care

environment, critical appraisal of the literature, statistical knowledge, and weighing evidence for clinical decision making will be discussed. Issues related to clinical and research ethics will also be discussed. Level: Graduate

Spring Classes Block I

- **P T 568 - Neurorehab II. 3 Credits.**
Offered spring. Prereq., enrolled in DPT program or permission of instructor. Neurologic physical therapy assessment and intervention of adults. Principles of neuroplasticity, motor control, motor learning and application to physical therapy neurorehabilitation. Includes assessment and treatment of vestibular system and conditions. Level: Graduate
- **P T 573 - Musculoskeletal Management III. 6 Credits.**
Offered spring. Prereq., enrolled in DPT program or permission of instructor. Principles of musculoskeletal examination, evaluation, and intervention for the shoulder, elbow, wrist, hand, temporomandibular joint (TMJ), thoracic and cervical spine. Level: Graduate
- **P T 583 - Integrated Clinical Experience I. 2 Credits.**
Offered spring. Prereq., enrolled in DPT program or permission of instructor. An integrated, part-time clinical experience with emphasis on patient evaluation, treatment and professional development. Only CR/NCR grading. Level: Graduate

Spring Semester Block II

- **P T 531 - Prosthetics. 2 Credits.**
Offered spring. Prereq., enrolled in DPT program or permission of instructor. Information pertinent to pathology, examination, and evaluation of patients with amputations and conditions requiring prosthetics. The basic components of the course include types of devices, fitting, exercise programs, gait analysis and gait training. An overview of upper extremity prosthetics will be provided. Level: Graduate
- **P T 565 - Pediatric Physical Therapy. 2 Credits.**
Offered spring. Prereq., enrolled in DPT program or permission of instructor. Normal development throughout childhood. Physical therapy examination, evaluation and intervention of children with neuromotor and musculoskeletal dysfunction including physical therapy for children in school systems. Level: Graduate
- **P T 572 - Practice & Administration. 3 Credits.**
Offered spring. Prereq., enrolled in DPT program or permission of instructor. Practice management and operations explored with emphasis on strategic planning, human resource management, regulatory compliance/risk management, quality improvement and clinical coding and billing instruction. Level: Graduate
- **PT 583 Integrated Clinical Experience I – Con't from block I**

Summer

- **P T 589 - Full-Time Clinical Experience II. 6 Credits.**
Offered summer. Prereq., enrolled in DPT program or permission of instructor. Eight weeks of full-time clinical experience with emphasis on learning about administrative issues, problem solving, time management, and communication skills. Continuation of

development of patient treatment and evaluation skills. Only CR/NCR grading. Level: Graduate

Third Year Students

Fall Classes Block I

- **P T 584 - Integrated Clinical Experience II. 2 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. An integrated, part-time clinical experience with emphasis on patient evaluation, treatment and professional development. CR/NCR grading. Level: Graduate
- **P T 626 - Clinical Medicine IV. 2 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. Course will focus on the role of the physical therapist in a Direct Access environment. Pathology, differential screening, pharmacotherapeutics, evaluation and management of gastrointestinal, endocrine/metabolic and hepatobiliary disease. Level: Graduate
- **P T 627 - Prevention & Wellness Education. 3 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. Nutrition, health promotion, patient and support network education, exercise/fitness, disease and injury prevention, life span emphasis and adaptive sports. Level: Graduate
- **P T 676 - Clinical Reasoning III. 3 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. Course addresses elements of clinical mastery, professional development, career options, ethics and patient advocacy. Each student develops and presents a case report. Level: Graduate
- **P T 679 - Trends & Scholarly Act. 1-6 Credits.**
(R-6) Offered autumn and spring. Prereq., enrolled in DPT program or permission of instructor. Students are required to complete at least 6 credits during their 2nd and 3rd years. Seminar sections that focus on advanced clinical topics in physical therapy and/or engagement in research with an individual faculty advisor. Traditional or CR/NCR grading as determined by instructor. Level: Graduate

Fall Classes Block II

- **P T 570 - Psychosocial Aspects of Health and Wellness. 2 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. Psychosocial aspects of health and wellness including social/societal determinants for people from diverse backgrounds throughout the lifespan. Level: Graduate
- **PT 584 Integrated Clinical Experience II – Con't from block I**
- **P T 629 - Clinical Medicine V. 2 Credits.**
Offered autumn. Prereq., enrolled in DPT program or permission of instructor. Course will focus on evaluation, differential screening, pharmacology, and management of integumentary disorders. Includes wound assessment and treatment. Level: Graduate.
- **P T 676 - Clinical Reasoning III - Con't from block I**

- **P T 679 - Trends & Scholarly Act. 1-6 Credits.**
(R-6) Offered autumn and spring Prereq., enrolled in DPT program or permission of instructor. Students are required to complete at least 6 credits during their 2nd and 3rd years. Seminar sections that focus on advanced clinical topics in physical therapy and/or engagement in research with an individual faculty advisor. Traditional or CR/NCR grading as determined by instructor. Level: Graduate

Spring Semester

- **P T 680 - Clinical Internship. 11 Credits.**
Offered spring. Prereq., enrolled in DPT program or consent of instructor. Final summative experience is a 15-week clinical internship. Includes writing and presentation of case study or special project. CR/NCR grading. Level: Graduate