First Year Students
Fall Classes Block I

- **P T 510 - Applied Clinical Anatomy. 5 Credits.**
  Offered autumn. Prereq., enrolled in entry-level 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 entry-level DPT program or permission of instructor. Introduction to medical screening within the patient/client Management model. Level: Graduate

- **P T 529 - Clinical Biomechanics. 4 Credits.**
  Offered autumn. Prereq., enrolled in entry-level DPT program and passed all previous DPT courses or permission of instructor. Principles of biomechanics and application to physical therapy. Level: Graduate

Fall Classes Block II

- **P T 503 - PT and Health Care System. 3 Credits.**
  Offered autumn. Prereq., enrolled in entry-level 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, medical terminology, medical records, 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 entry-level DPT program or permission of instructor. Principles of musculoskeletal examination and evaluation including posture, neurologic screen, palpation, measurement of ROM and muscle performance, assessment of muscle length, and joint play. Level: Graduate

- **P T 526 - Foundational Skills & Intervention. 2 Credits.**
  Offered autumn. Prereq., enrolled in entry-level DPT program and passed all previous DPT courses or permission of instructor. Basic skills of transfers, bed mobility, gait, and assistive device use. Level: Graduate

Spring Classes Block I

- **P T 530 - Clinically Applied Exercise Physiology. 5 Credits.**
  Offered spring. Enrolled in entry-level DPT program and passed all previous DPT courses 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 entry-level DPT program and passed all previous DPT courses 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 entry-level DPT program and passed all previous DPT courses or consent 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. Enrolled in entry-level 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 entry-level 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 & Electrophysiological Agents. 3 Credits.**
  Offered spring. Prereq., enrolled in entry-level DPT program and passed all previous DPT courses 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 entry-level DPT program and passed all previous DPT courses or consent 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 entry-level DPT program and passed all previous DPT courses or consent of instructor. Introduction to the clinical reasoning process in physical therapy, effective reflection, and faculty research and scholarship options. Level: Graduate

  **Summer**

• **P T 587 - Full-Time Clinical Experience I. 6 Credits.**
  Offered summer. Prereq., successful completion of all first-year DPT courses and PT 582. Eight weeks of full-time clinical experience with emphasis on developing patient evaluation and treatment skills. Only CR/NCR grading.

  **Second Year Students**

  **Fall Classes Block I**

• **P T 563 - Cardiopulmonary PT. 4 Credits.**
  Offered autumn. Prereq., enrolled in entry-level DPT program and passed all previous DPT courses or consent of instructor. Cardiovascular and pulmonary pathology, pharmacology, and differential diagnosis. Physical therapy assessment and interventions for patients with complications of cardiovascular and/or pulmonary disease. Level: Graduate

• **P T 524 - Clinical Medicine II. 2 Credits.**
  Offered autumn. Prereq., enrolled in entry-level DPT program or permission of instructor. Introduction to pharmacology, medical management of selected orthopedic and hematological conditions. Level: Graduate

• **P T 567 - Neurorehabilitation I. 3 Credits.**
  Offered autumn. Prereq., enrolled in entry-level DPT program and passed all previous DPT courses or consent 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

• **P T 576 - Clinical Reasoning II. 2 Credits.**
  Offered autumn. Prereq., enrolled in entry-level DPT program and passed all previous DPT courses or consent 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
Fall Classes Block II

- **P T 525 - Clinical Medicine III. 3 Credits.**
  Offered autumn. Prereq., enrolled in entry-level DPT program and passed all previous DPT courses or permission of instructor. Pathophysiology, medical and pharmacological management of genitourinary, obstetric, oncological, immunological diseases and organ transplantation. Level: Graduate

- **P T 569 - Musculoskeletal Management II. 6 Credits.**
  Offered autumn. Prereq., enrolled in entry-level DPT program and passed all previous DPT courses or permission of instructor. Principles of musculoskeletal examination, evaluation, and intervention for the hip, knee, ankle, foot, lumbar spine, obstetrics and pelvic floor. Level: Graduate

Spring Classes Block I

- **P T 568 - Neurorehabilitation II. 3 Credits.**
  Offered spring. Prereq., enrolled in entry-level DPT program and passed all previous DPT courses or consent 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 entry-level DPT program and passed all previous DPT courses or consent 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 entry-level DPT program and passed all previous DPT courses or consent 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 entry-level DPT courses or consent 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 autumn. Prereq., enrolled in entry-level DPT program and passed all previous DPT courses or consent 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 entry-level DPT program and passed all previous DPT courses or consent 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., successful completion of all prior clinical experiences, and previous DPT coursework. 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.

• **Third Year Students**
  **Fall Classes Block I**

• **P T 626 - Clinical Medicine IV. 2 Credits.**
  Offered autumn. Prereqs., enrolled in entry-level DPT program and passed all previous DPT courses or consent 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. Prereqs., enrolled in entry-level DPT program and completion of all previous DPT courses or consent of instructor. This survey course addresses nutrition, health promotion, patient and support network education/programming, exercise/fitness, disease and injury prevention, ADA, and adaptive sports all with an emphasis on life span. Level: Graduate

• **P T 679 - Trends & Scholarly Act.. 1-6 Credits.**
  (R-6) Offered autumn and spring. Prereqs., Enrolled in entry-level DPT program and passed all previous DPT courses or consent 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

- **P T 584 - Integrated Clinical Experience II. 2 Credits.**
  Offered autumn. Prereq., enrolled in entry-level DPT program and passed all previous DPT courses or consent of instructor. An integrated, part-time clinical experience with emphasis on patient evaluation, treatment and professional development. CR/NCR grading. Level: Graduate

  **Fall Classes Block II**

- **P T 570 – Psychosocial Aspects of Health and Wellness. 2 Credits.**
  Offered autumn. Prereq., enrolled in entry-level DPT program and passed all previous courses or consent of instructor. Psychosocial aspects of health and wellness including social/societal determinants for people from diverse backgrounds throughout the lifespan. Level: Graduate

- **P T 629 - Clinical Medicine V. 2 Credits.**
  Offered autumn. Prereqs., enrolled in entry-level DPT program and passed all previous DPT courses or consent 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. 3 Credits.**
  Offered autumn. Prereqs., enrolled in entry-level DPT program and passed all previous DPT courses or consent of instructor. Course addresses elements of clinical mastery, professional development, career options, ethics and patient advocacy. Each student develops and presents a case report and provides peer review and feedback. Level: Graduate

- **P T 679 - Trends & Scholarly Act.. 1-6 Credits.**
  (R-6) Offered autumn and spring. Prereqs., Enrolled in entry-level DPT program and passed all previous DPT courses or consent 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 Classes Block I & II**

- **P T 680 - Clinical Internship. 11 Credits.**
  Prereq., enrolled in entry-level DPT program and passed all previous DPT courses 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