PHYSICAL THERAPY (PT)

Courses

PT 206. Professional Seminar 4. 0 Credits.
Students discuss professional issues and practices encountered in the clinical environment, allowing them to build a framework of knowledge and skills that supports excellent practice. Pre/co-requisite: Enrollment in DPT program.

PT 302. Quality in Health Care. 3 Credits.
This course provides students with the skills and knowledge needed to apply quality improvement approaches to the design and management of health care services. Pre/co-requisite: Graduate Standing. Cross-listed with: CTS 302, NH 302.

PT 303. Health Promotion & Disease Prevention. 3 Credits.
Examines the value of and barriers to health promotion, health protection, and disease prevention, factors that influence personal health decisions, and preventive interventions. Prerequisite: Doctor of Physical Therapy students only.

PT 305. Pathophysiology/Pharmacology. 6 Credits.
Study of diseases of the human body and their pharmacological treatments. Emphasis on common diseases in USA populations and most germane to physical therapy practice. Pre/co-requisite: Enrolled as DPT student.

PT 306. Pro Sem1: Intro to PT & Health Care. 1 Credit.
Explores professionalism, ethics, the healthcare environment, interprofessional education, leadership, and clinical education practices. The focus is on preparing for the first clinical internship. Prerequisites: Doctor of Physical Therapy students and APTA members only.

PT 307. Pro Sem2: Prep for PT Practice. 1 Credit.
Examines selected professional topics including the development of reflective practices and self-assessment skills. Health literacy is also explored in preparation for clinical practice. Prerequisites: PT 306 or Instructor permission; Doctor of Physical Therapy students and APTA members only.

PT 308. Pro Sem3: Ethics & Career Prep. 1 Credit.
Utilizes frameworks to analyze ethical issues in healthcare. Topics also include preparation for the national PT examination, professional license issues, continuing competence expectations and career planning. Prerequisites: PT 307 or Instructor permission; Doctor of Physical Therapy students and APTA members only.

PT 318. Movt Sci 1: Kinesiology. 3 Credits.
Application of kinesiology and biomechanical principles and concepts to the analysis of human movement, posture, joint structure and function, and gait. Prerequisite: ANNB 201; Doctor of Physical Therapy students only.

PT 319. Movt Sci 2: Lifespan Motor Development. 3 Credits.
Lecture and laboratory experiences related to theory, concepts, and measurement of normal motor development, motor control, and motor learning across the lifespan. Prerequisites: NSCI 302, PT 318, PT 344; Doctor of Physical Therapy student.

PT 320. Understanding Evidence in PT Practice. 3 Credits.
Students critically analyze and interpret research in terms of its applicability to practice, examine methods for measuring practice outcomes and apply data to answer clinical questions. Pre/co-requisites: Statistics course; enrollment as DPT student.

PT 322. Advanced Evidence Based Practice Skills. 2 Credits.
Develops advanced skills in critically analyzing research literature, including systematic reviews and clinical practice guidelines. Students analyze clinical data and apply results to decision-making. Prerequisites: PT 320 or equivalent.

PT 328. Independent Study. 1-4 Credits.
Students work with faculty member to assist in research, applying previously learned skills in critical appraisal, library searches, research methods and writing. Pre/co-requisites: RMS 220 or PT 320 or equivalents; enrollment in DPT program.

PT 329. Knowledge Trans & Exchange of EBPT. 1 Credit.
Develops skills to disseminate evidence from the scientific literature to facilitate knowledge transfer and exchange. The field of implementation science will also be introduced. Prerequisite: PT 322 or PT 328 or equivalent.

PT 330. Psychosocial Issues in Health. 3 Credits.
Psychosocial dimensions of health, illness and disability will be examined from lifespan and multicultural perspectives. Pre/co-requisites: Psychology course; enrolled as DPT student.

PT 331. Health Policy & Practice Management. 3 Credits.
Explores the structure and function of physical therapy practice management and health care policy and strategies for changing at state and national levels. Pre/co-requisite: Doctor of Physical Therapy student.

PT 340. Patient Management: Foundational Skills. 6 Credits.
Introduction to principles and practices of patient/client management including fundamental patient handling skills, physical examination techniques, history taking and interviewing skills, and clinical documentation. Prerequisites: ANNB 201; Doctor of Physical Therapy students only. Co-requisite: PT 305.

PT 344. Patient Management: Musculoskeletal. 1. 8 Credits.
Lecture/Lab experiences in which students will apply fundamental biomechanical and kinesiology principles of the trunk, spine, and extremities. Prerequisites: PT 305, PT 318, PT 340; Doctor of Physical Therapy student.

PT 345. Patient Management: Neuromuscular. 1. 6 Credits.
Lecture and laboratory experiences re evidence-based medical and physical therapy management of adults with neuromuscular conditions including stroke, multiple sclerosis, and spinal cord injury. Prerequisites: NSCI 302, PT 305, PT 319; Doctor of Physical Therapy student.
PT 346. Patient Mgt-Neuromuscular 2. 5 Credits.
Lecture and laboratory experiences re evidence-based medical and physical therapy management of children with neuromuscular conditions such as cerebral palsy and adults with developmental disabilities. Prerequisites: PT 345; Doctor of Physical Therapy student.

PT 347. Patient Mgt: Cardiopulmonary. 4 Credits.
Explores disease risk and prevention, as well as medical, surgical, pharmacological, psychological, and physical therapies in the management of individuals with cardiopulmonary related diseases. Prerequisites: PT 305, PT 340; Doctor of Physical Therapy student.

PT 348. Patient Mgt: Medical/Surgical. 4 Credits.
Explores medical, surgical, pharmacological, psychological, and physical therapies in the management of individuals with vascular, integumentary, lymphatic disorders and cancer. Pre/co-requisites: PT 305, PT 347; DPT student.

PT 349. Patient Mgt: Musculoskeletal 2. 4 Credits.
Lecture/lab applying foundational and advanced biomechanical, neurophysiological, kinesiological, and anatomical principles of the trunk, TMJ, spine, and extremities. Pre/co-requisites: PT 242; Enrolled as DPT student.

PT 351. Community Health in PT. 1-3 Credits.
DPT students travel internationally to experience and reflect on structures, processes and outcomes of healthcare for patients receiving rehabilitation services in another country. Pre/co-requisite: second year DPT student.

PT 352. Intl Collaborative in PT. 2 Credits.
This Travel Study Program Abroad is an elective for PT students and licensed PTs interested in learning advanced manual physical therapy skills while studying abroad. Pre/co-requisites: PT 349 or PT license.

PT 360. Integrated Patient Mgmt Sem. 1 Credit.
Integrates information learned in prior clinical and foundational science courses, as well as contemporary research findings, into a comprehensive model of physical therapy for individuals with complex and multi-system conditions. Pre/co-requisites: DPT student standing; successful completion of all previous DPT courses.

PT 370. Clinical Internship 1. 3 Credits.
Full-time (six weeks) Clinical Education Internship in an out-patient Orthopedic clinical setting. Pre/co-requisite: Completion of year one DPT curriculum.

PT 371. Clinical Internship 2. 5 Credits.
Full-time (ten weeks) Clinical Education Internship in various practice settings including out-patient, acute care, rehabilitation, home health, pediatric, long term care and specialty practices. Pre/co-requisite: Completion of all academic courses in DPT curriculum.

PT 372. Clinical Internship 3A. 2 Credits.
Full-time (four weeks) Clinical Education Internship in various practice settings including out-patient, acute care, rehabilitation, home health, pediatric, long term care and specialty practices. Pre/co-requisite: Completion of all academic courses in DPT curriculum.

PT 373. Clinical Internship 3B. 1 Credit.
Full-time (two weeks) Clinical Education Internship in various practice settings including out-patient, acute care, rehabilitation, home health, pediatric, long term care and specialty practices. Pre/co-requisite: Completion of all academic courses in DPT curriculum.

PT 374. Clinical Internship 3C. 2 Credits.
Full-time (four weeks) Clinical Education Internship in various practice settings including out-patient, acute care, rehabilitation, home health, pediatric, long term care and specialty practices. Pre/co-requisite: Completion of all academic courses in DPT curriculum.

PT 375. Clinical Internship 4. 5 Credits.
Full-time (ten weeks) Clinical Education Internship in various practice settings including out-patient, acute care, rehabilitation, home health, pediatric, long term care and specialty practices. Pre/co-requisite: Completion of all academic courses in DPT curriculum.

PT 395. Special Topics. 1-18 Credits.

PT 420. Understanding Evidence PT Pract. 3 Credits.
Students critically analyze and interpret research in terms of applicability to practice, examine methods for measuring practice outcomes and apply data to answer clinical questions.

PT 422. Research Proj- Systematic Rvw. 2 Credits.
Develops advanced skills in critically analyzing research literature, including systematic reviews and clinical practice guidelines. Students analyze clinical data and apply results to clinical decision-making. Prerequisite: PT 420.

PT 428. Research Pro- Non systemtc rvw. 2 Credits.
Students work with faculty member to assist in research, applying previously learned skills in critical appraisal, library searches, research methods and writing. Prerequisite: PT 420. Co-requisite: Doctor of Physical Therapy student.