

PHYSICAL THERAPY (PT)

- PT 700 Gross Anatomy for PT** **4 Credit hours**
Lecture and laboratory focusing on anatomical structure and function of the human body. Cadaveric dissection provides practical experiences allowing students to develop working images of the body and its function.
Grade Mode: Normal Grading Mode
- PT 701 Neuroanatomy** **4 Credit hours**
Normal and abnormal structure and function of central, peripheral and autonomic systems, neurodevelopment, and neural mechanisms mediating motor control and pain with emphasis on clinical relevance to physical therapy.
Grade Mode: Normal Grading Mode
- PT 702 Neuro Evaluation** **1 Credit hour**
Comprehensive screening, exam and evaluation of patients with neurological dysfunction with focus on selection and interpretation of examination components in order to discern underlying pathophysiology reflective of neurological dysfunction.
Grade Mode: Normal Grading Mode
- PT 704 Neurorehabilitation** **4 Credit hours**
Theoretical basis and clinical application of neurophysiological approaches to treatment utilizing motor control, sensorimotor development and integration principles, including discussion and practice of current methods of evaluation and intervention.
Grade Mode: Normal Grading Mode
- PT 710 Intro to Human Movement** **3 Credit hours**
Lecture and laboratory introducing students to basic histology of connective, nervous, epithelial and muscle tissue utilized in human movement, palpations skills, goniometry and manual muscle testing.
Grade Mode: Normal Grading Mode
- PT 711 Human Movement I** **4 Credit hours**
Biomechanical terminology and principles, muscle actions, joint mechanics, joint segments and whole body movement pattern analysis, and mastery of human movement observational analysis skills necessary for differential diagnosis of movement dysfunction.
Grade Mode: Normal Grading Mode
- PT 712 Human Movement II** **4 Credit hours**
Reviews maturation of movement systems, lifespan motor skills development, and contemporary theories of motor control and learning to build evidence-based foundations for evaluation and management of movement dysfunction.
Grade Mode: Normal Grading Mode
- PT 713 Human Movement III** **2 Credit hours**
Assessment of constraints to normal movement, application of standardized tools for assessment of movement dysfunction, examination of statistical data (population specific reliability, validity, sensitivity, specificity, odds ratios) of said tools.
Grade Mode: Normal Grading Mode
- PT 720 Advanced Clinical Physiology** **3 Credit hours**
Reviews normal human cellular- and organ-level physiology, histology, and function and introduces related topics of pathophysiology including: clinical signs and symptoms, clinical laboratory science, medical management and pharmacological issues.
Grade Mode: Normal Grading Mode
- PT 721 Applied Ex Phys** **3 Credit hours**
Physiological effects of exercise and training in healthy individuals and individuals with pathological dysfunction.
Grade Mode: Normal Grading Mode
- PT 731 Clinical Skills** **3 Credit hours**
Theory/practice of essential physical therapy skills, including clinical decision making, interview, postural and functional assessment, safe patient handling techniques of positioning, bed mobility, transfers, and use of assistive devices.
Grade Mode: Normal Grading Mode
- PT 732 Therapeutic Interventions** **3 Credit hours**
This 3 credit hour course introduces students to teaching and learning principles through the application of physical, thermal, and mechanical modalities and therapeutic interventions. Therapeutic interventions include activities to improve joint and muscles.
Grade Mode: Normal Grading Mode
- PT 741 Medical Pathology in PT I** **2 Credit hours**
Pathological conditions, and medical and surgical considerations for treatment of genetic, gastrointestinal renal, endocrine and metabolic, immune, hematologic, and infectious disorders in patients treated by physical therapists.
Grade Mode: Normal Grading Mode
- PT 742 Medical Pathology in PT II** **2 Credit hours**
Pathological conditions, and medical and surgical considerations for treatment of musculoskeletal disorders in patients treated by physical therapists.
Grade Mode: Normal Grading Mode
- PT 744 Med Pathology in PT IV** **3 Credit hours**
This course reviews the functional neuroanatomy and neuropathology correlated with select neuropathological conditions or injury, focusing on etiology, epidemiology, medical/surgical considerations, neural substrates of cognitive, perceptual, and sensorimotor function in patients treated by physical therapists.
Grade Mode: Normal Grading Mode
- PT 746 Medical Tests and Measurements** **1 Credit hour**
Basic principles of medical diagnostic tests, such as laboratory tests, medical imaging, sonography and EKG, commonly encountered in physical therapy.
Grade Mode: Normal Grading Mode
- PT 747 Pharmacology in Rehab** **2 Credit hours**
Examination of the effects of commonly used prescription, over the counter and homeopathic drugs. Focus on method of action, indications, contraindications, side effects and impact on physical therapy patients.
Grade Mode: Normal Grading Mode
- PT 750 Foundations of Phys Ther** **2 Credit hours**
Introduces students to medical terminology, historical foundations, and contemporary practice of physical therapy, traditional and emerging roles and responsibilities and professional behaviors of the physical therapist and issues of self-awareness and communications.
Grade Mode: Normal Grading Mode
- PT 751 Legal & Ethical Issues in PT** **2 Credit hours**
Development of cultural competence, analysis and practice of communications skills including documentation, professionalism, group dynamics and leadership to assume roles of practitioner, instructor, supervisor, and leader.
Grade Mode: Normal Grading Mode

- PT 752 Professional Practice II** **2 Credit hours**
Introduction to legislative process, liability, and legal and ethical issues, including considerations of task delegation and supervision of patients/clients, physical therapist assistants, staff, and students.
Grade Mode: Normal Grading Mode
- PT 753 Professional Practice II** **2 Credit hours**
Teaching and learning principles, practitioner and clinical instructor roles, clinical education program, facility, faculty, and student responsibilities, clinical and program evaluative instruments, patient advocacy and preparation for community service opportunities.
Grade Mode: Normal Grading Mode
- PT 754 Health Care Delivery Systems** **1 Credit hour**
Micro and macro principles of healthcare delivery systems, sites, and organizations and pro bono services. Legalities of appropriate documentation for third party payers and federal insurance programs are addressed.
Grade Mode: Normal Grading Mode
- PT 755 Service Learning Practicum** **1 Credit hour**
Allows participation in service learning programs emphasizing advocacy for the health needs of the region, as well as coordination with community agencies.
Grade Mode: Pass/Fail Grading Mode
- PT 756 Administration in PT** **3 Credit hours**
Emphasis on administration of clinical practice in multiple settings. Information about licensure, attainment and retention of employment, professional organization membership, residency and fellowship programs, and specialization.
Grade Mode: Normal Grading Mode
- PT 758 PM&BC in PT Practice** **1 Credit hour**
Introduction to patient motivation and behavioral change in physical therapy practice. Emphasis on practical strategies to promote healthy patient/client change leading to improved human movement and overall health
Grade Mode: Normal Grading Mode
- PT 761 EBP I** **2 Credit hours**
Decision making, diagnosis, and hypothesis development, utilization of information sources, and principles, concepts, and skills required to critically analyze and conduct clinical research in physical therapy.
Grade Mode: Normal Grading Mode
- PT 762 EBP II** **1 Credit hour**
Principles, concepts, and basic skills required to conduct clinical research in physical therapy. Topics include research design, sampling, bias, sensitivity and specificity, questionnaire design, statistical computing, conceptual review of literature.
Grade Mode: Normal Grading Mode
- PT 763 EBP II** **2 Credit hours**
Students are guided through the process of a Systematic Literature Review development on a topic selected by the student and their Faculty Research Advisor and learn to apply principles of research to the clinical decision making process and to make recommendations for practice.
Grade Mode: Normal Grading Mode
- PT 764 EBP III** **1 Credit hour**
Continuation of Evidence Based Practice III where students receive continued guidance in the completion of the faculty led capstone project begun in EBP III. Presentation of capstone required before graduation.
Grade Mode: Normal Grading Mode
- PT 765 EBP IV** **1 Credit hour**
Continuation of Evidence Based Practice IV where students receive continued guidance in the completion of the faculty led capstone project begun in EBP III. Presentation of capstone required before graduation.
Attributes: No Textbook Required
Grade Mode: Normal Grading Mode
- PT 766 EBP V** **1 Credit hour**
Continuation of Evidence Based Practice V where students receive continued guidance in the completion of the faculty led capstone project begun in EBP III. Presentation of capstone required before graduation.
Grade Mode: Normal Grading Mode
- PT 767 EBP VI** **1 Credit hour**
Continuation of Evidence Based Practice VI where students receive continued guidance in the completion of the faculty led capstone project begun in EBP III culminating with presentation of completed capstone.
Attributes: No Textbook Required
Grade Mode: Normal Grading Mode
- PT 771 Clin Application Seminar I** **1 Credit hour**
A seminar course designed to foster application of information and clinical skills learned in concurrent and prior DPT coursework in a small group discussion and pseudo-clinical setting. Focus on clinical interview and basic evaluation skills.
Grade Mode: Pass/Fail Grading Mode
- PT 772 Clin Application Seminar II** **1 Credit hour**
Continued application of information and clinical skills learned in concurrent and prior DPT coursework in a small group discussion and pseudo-clinical setting. Focus on general interventions in neuromuscular dysfunction.
Attributes: No Textbook Required
Grade Mode: Pass/Fail Grading Mode
- PT 773 Clin Application Seminar III** **1 Credit hour**
Continued application of information and clinical skills learned in concurrent and prior DPT coursework in a small group discussion and pseudo-clinical setting. Focus on musculoskeletal dysfunction of the extremities.
Grade Mode: Pass/Fail Grading Mode
- PT 774 Clin Application Seminar IV** **1 Credit hour**
Continued application of information and clinical skills learned in concurrent and prior DPT coursework in a small group discussion and pseudo-clinical setting. Focus on spinal pathology and neuromuscular dysfunction.
Grade Mode: Pass/Fail Grading Mode
- PT 775 Clin Application Seminar V** **1 Credit hour**
Continued application of information and clinical skills learned in concurrent and prior DPT coursework in a small group discussion and pseudo-clinical setting. Focus on cardiopulmonary and complex neuromuscular dysfunction.
Grade Mode: Pass/Fail Grading Mode
- PT 776 Clin Application Seminar VI** **1 Credit hour**
Continued application of information and clinical skills learned in concurrent and prior DPT coursework in a small group discussion and pseudo-clinical setting. Interdisciplinary management of patients with complex concerns.
Grade Mode: Pass/Fail Grading Mode

<p>PT 777 Clin Application Seminar VII 1 Credit hour Continued application of information and clinical skills learned in concurrent and prior DPT coursework in a small group discussion and pseudo-clinical setting. Focus on health promotion and chronic disease prevention. Grade Mode: Pass/Fail Grading Mode</p>	<p>PT 789 MSK III 1 Credit hour Advanced diagnosis and management approaches for complex orthopedic and sports PT populations will be covered. Differential diagnosis of upper and lower quarter pathology, along with specialized treatments unique to this population will be emphasized. Grade Mode: Normal Grading Mode</p>
<p>PT 781 Musculoskeletal I 3 Credit hours The basic principles of orthopedic medicine including an overview of etiology, diagnosis, and surgical management will be covered. Physical Therapy examination, evaluation, diagnosis, and treatment of extremities and spine will be emphasized. Grade Mode: Normal Grading Mode</p>	<p>PT 791 Clinical Internship I 4 Credit hours Supervised clinical education experience emphasizing continued development and reinforcement of clinical skills in clinical settings. Competence is expected in areas of the material presented to date in the curriculum. Grade Mode: Pass/Fail Grading Mode</p>
<p>PT 782 Musculoskeletal II 4 Credit hours Advanced concepts of musculoskeletal examination, evaluation, diagnosis and treatment of the extremities and spine will be covered. An evidence-informed/clinical reasoning-based manual therapy approach will be used including mobilization and manipulation. Grade Mode: Normal Grading Mode</p>	<p>PT 792 Clinical Internship II 6 Credit hours Supervised clinical education experience emphasizing continued development and reinforcement of clinical skills in various clinical settings. Competence is expected in areas of the material presented to date in the curriculum. Grade Mode: Pass/Fail Grading Mode</p>
<p>PT 783 Cardiopulmonary in PT 4 Credit hours An overview of cardiovascular and pulmonary systems pathologies, medical diagnosis and management and physical therapy diagnosis, examination, assessment and management of related physiological and movement dysfunctions. Grade Mode: Normal Grading Mode</p>	<p>PT 793 Clinical Internship III 8 Credit hours Supervised clinical education experience emphasizing continued development and reinforcement of clinical skills in various clinical settings. Competence is expected in areas of the material presented to date in the curriculum. Attributes: No Textbook Required Grade Mode: Pass/Fail Grading Mode</p>
<p>PT 784 Integumentary 3 Credit hours Review of structure, function, and applied pathophysiology of the integumentary system. Translate knowledge towards PT examination and management of common integumentary impairments with focus on prevention, restoration, and optimizing independence. Grade Mode: Normal Grading Mode</p>	<p>PT 798 Independent Study 1-4 Credit hours Independent study of a specific nature under the supervision of a qualified faculty member. Hours of credit are determined by the magnitude of the project. (PR: permission of Chair of School of Physical Therapy) Grade Mode: Normal Grading Mode</p>
<p>PT 785 Health Promo and Nutrition 2 Credit hours Development and maintenance of healthy lifestyles for patients and clients. Focus on disease prevention, nutritional needs, and the benefits of exercise as well as managing individuals with injury or disease. Grade Mode: Normal Grading Mode</p>	<p>PT 799 Integration & Review 1 Credit hour Integration and review of clinical physical therapy principles and concepts in preparation for the National Physical Therapy Board Examination. Grade Mode: Credit/No Credit Grade Only</p>
<p>PT 786 Rehab in Select Pops I 3 Credit hours Principles of evaluation and treatment in the areas of pediatrics and geriatrics. Emphasis placed on biopsychosocial aspects of developmental disabilities, coordination of care and complexities of multi-system and multi-organ disease. Grade Mode: Normal Grading Mode</p>	
<p>PT 787 Rehab in Select Pops II 2 Credit hours Principles of evaluation and management of patients with amputation and/or neuromuscular disorders to maximize functional independence. Focus on prosthetic and orthotic prescription, components, fabrication, fit, and use during functional activities. Grade Mode: Normal Grading Mode</p>	
<p>PT 788 Rehab in Select Pops III 1 Credit hour Principles of physical therapy management of select patient populations including bariatrics, women's health, oncology, and selected progressive and chronic diseases. Grade Mode: Normal Grading Mode</p>	