

Year 1	Course Title	cdt	Description
Fall			
500	Human Anatomy and Histology	4	Structure and function of human anatomy as related to physical therapy. Emphasis on musculoskeletal, visceral, nervous, and vascular systems and tissue histology. (Lec. 4)
501	Applied Anatomy & Lab	4	Dissection of a cadaver to demonstrate structure and function of human anatomy. Accurate palpation of anatomic structures in parallel with dissection. (Lab. 8)
512	Basic Physical Evaluation, Therapeutic Exercise and Care	5	Range of motion, posture, sensory, reflex, and manual muscle testing methods of physical examination. Soft tissue evaluation and introduction to functional mobility and therapeutic exercise prescription. Transfers and ambulation techniques. (Lec. 5)
508	Psycho-Social Needs of the Disabled	2	Behavioral and psychosocial issues relevant in physical therapy practice. Patient's perception of care and interactions in the health care environment. (Lec. 2)
520	Physiol and Pathophysiol Basis	5	Physiological systems, pathophysiological mechanisms, methods of diagnosis, and rationale for safe and effective physical therapy interventions. (Lec. 5)

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Spring			
600	Research Methods	3	Research design and methods in current physical therapy theory development and scientific literature. Preparation of a research proposal through review of literature. (Lec. 3)
511	Human Neuroscience	5	Anatomy, physiology, dysfunction, and evaluation of the human nervous system as a basis of therapeutic intervention. Gross and microscopic structure of the nervous system and the neurological examination. (Lec. 4, Lab. 2)
542	Primary Care & Clin Diagnosis	2	Clinical decision-making underlying medical and therapeutic diagnostic methods to develop competencies in referral and evaluation of disorders. Diagnostic reasoning, medical and PT testing, documentation of billing, interdisciplinary chart review. (Lec. 2)
510	Biomechanics & Pathokines.	5	Principles, theories, and recent investigations of the biomechanics of human motion and posture are presented to develop analytical skills for normal and abnormal movement evaluation. (Lec. 5)
518	Comm & Professional Issues	1	Communication and professional issues that influence the practice of physical therapy. Verbal/non-verbal communication, professional dress and behavior, cultural competence, adult

			education principles, and professional association issues. (Lec. 1)
532	Clinical Electrophysiology & Physical Agents	5	Theory, practice, and current research regarding application of clinical electrophysiology and physical agents. Diagnostic methods, interventions, and personnel supervision for mechano-, electro-, thermo-, hydro-, ionto-, and photo-therapy administration are covered. (Lec. 5)

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Year 2

Fall

528	Ethical & Legal Issues of PT	3	Practice standards, interdisciplinary issues, ethical considerations, and legal implications of physical therapy practice. Professional development, expert practice, doctoring professions, informed consent, patient rights, standards of practice, advanced directives, malpractice, domestic violence, child and elder abuse. (Lec. 3)
550	Musculoskeletal Therapeutics I	5	Physical therapy management of individuals with, and the prevention of: impaired joint mobility, motor function, muscle performance, range of motion, and reflex integrity associated with musculoskeletal dysfunction in the extremities. (Lec. 5)
570	Cardiopulmonary PT	5	Physiological basis, testing and evaluation, treatment, and administration of programs for cardiac and pulmonary-diseased patients requiring physical therapy. (Lec. 5)
586	PT in Geriatric Populations	2	Geriatric and aging issues related to physical therapy practice. Evaluation and treatment strategies for disorders affecting adults, including biology, cognition, and motor function. Exposure to geriatric populations. (Lec. 2)
655	Diagnostic Imaging	3	Interpretation of and referral for appropriate diagnostic images relevant in musculoskeletal assessment and management. Radiologic anatomy, normal variants, and pathological and traumatic conditions are reviewed. CT scan, magnetic resonance imaging, ultrasonography, angiography are addressed. (Lec. 3)
610	Evidence Based Inquiry I	1	Introduces the student to the concept of evidence based inquiry and its importance in the physical therapy profession. Initial stages of an evidence based inquiry project formulated with the guidance of a faculty advisor. (Indep Study 1)

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Spring

552	Musculoskeletal Therapeutics II	5	Physical therapy management of individuals with, and the prevention of, impaired joint mobility, motor function, muscle performance, range of motion, and reflex integrity associated with musculoskeletal dysfunction in the spine. (Lec. 5)
560	Neuromuscular Therapeutics	5	Physical therapy management of individuals with, and the prevention of, impaired motor function and sensory integrity associated with neuromuscular dysfunction. (Lec. 5)
615	Differential Diagnosis	3	Development of skill in differential diagnosis and referral focusing on level of decisions, triage, and interaction with other diagnostic professionals. Medical diagnostics, test considerations, and referral strategies are developed through practical diagnostic clinical rotation. (Lec. 3)
580	Pediatric PT	3	Physical therapy assessment, care planning, and treatment of the pediatric population in diverse practice settings. Psychosocial implications of working with children will be addressed. Laboratory sessions will provide some hands-on experience with infants and children with a variety of diagnoses. (Lec. 3)
620	Evidence Based Inquiry II	3	Guides the student through the refinement and focusing of a previously identified multi-phase inquiry project in which evidence is the critical feature. Identification of target audience, delineation of scope of evidence to be gathered occurs along with initial evidence collection. (Indep. Study 3)

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Summer

575	Internship I (12 weeks)	5	Assignment to various clinical settings which provide supervised experiences with practicing physical therapists and support personnel. Specific setting and rotational time schedule is determined by the academic clinical coordinator and clinical. (Pract.)
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Year 3

Fall

538	Management & Admin	4	Practical managerial and supervisory techniques and theory in physical therapy settings. Third party reimbursement, state regulations, health policy formulation, roles of government and politics in healthcare. (Lec. 4)
544	PT in Women's Health	2	Physical therapy issues and problems in special topics of women's health. (Lec. 2)
672	Pharmacologic Considerations in PT	3	Pharmacological actions, interventions, and interactions which physical therapists encounter in

			their treatment of patients undergoing physical rehabilitation. Drug administration appropriate to physical therapy practice. (Lec. 3)
605	Special Topics and Professional Preparation	2	Integration of the art and science of physical therapy with the delivery of services. Comprehensive review of systems, including evaluation and interventions as they relate to physical therapy. (Lec. 2)
630	Evidence Based Inquiry III	3	Final data gathering, analysis/synthesis, and documentation aspects of a multi-phase inquiry project in which evidence is the critical feature. Statistical analysis and literature synthesis are potential techniques to be utilized. (Indep. Study 3)
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Comprehensive Exam

Spring

585	Internship II (8 weeks)	5	Assignment to various clinical settings which provide supervised experiences with practicing physical therapists and support personnel. Specific setting and rotational time schedule is determined by the academic clinical coordinator and clinical. (Practicum)
595	Internship III (8 weeks)	5	Assignment to various clinical settings which provide supervised experiences with practicing physical therapists and support personnel. Selection of clinical specialty area of student's interest is considered in determination of the setting. (Practicum)
640	Evidence Based Inquiry IV	1	Formal dissemination of a multi-phase inquiry project in which evidence is the critical feature. The form this dissemination takes will be individual to the specific project, but may include a research poster, scholarly publication, newsletters or other professional scholarly sources (Indep. Study 1).

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Total credits 109

Comparison of this curriculum to national norms may be useful:

	National DPT norm	Proposed URI DPT
Number of credits	115 (range 90-147)	109
Length of program (mode)	3 A/Y	3 A/Y
Class/lab contact hours/week	21.9 ± 4.67	19.6
Full-time clinical ed. (weeks)	36.5 (range 20-58)	30