Division of Physical Therapy

Department of Health Sciences

School of Medicine

University of North Carolina at Chapel Hill

**DOCTORAL PROGRAM IN PHYSICAL THERAPY**

OVERVIEW OF CURRICULUM SEQUENCE

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| **Clinical rotation** | **Timing in curriculum** | **Coursework occurring prior to rotation** | **Targeted settings/patient populations for clinical experience** |
| PHYT 761  8 weeks | Middle of June through middle of August  (after first two semesters and 1st summer session of coursework) | Full year of academic coursework including:   * Anatomy * Neuroanatomy * Lifespan development * Kinesiology * Professional skills * Psychosocial aspects of disability * MMT * Goniometry * Basic exercise * Transfers * Gait training * Modalities * Soft tissue work/massage * Electrotherapy * Functional assessment * Intervention for musculoskeletal dysfunction of spine (back and neck) and shoulder * Cardiopulmonary care * Oncology * Obstetric/gynecologic PT * Psychiatric issues * Exercise prescription * Scientific basis of practice * Pharmacology * Pathology | * Outpatient musculoskeletal * General acute hospital * Skilled nursing, subacute, extended care facilities * Home health   Continued next page |

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| **Clinical rotation** | **Timing in curriculum** | **Coursework occurring prior to rotation** | **Targeted settings/patient populations for clinical experience** |
| PHYT 764  8 weeks  PHYT 768  8 weeks | March through April  (after fall and spring semester of 2nd year)  Late April or early May through most of June  (after PHYT 764, 2nd year) | * See previous page * Intervention with musculoskeletal dysfunction of the lower extremity and upper extremity joints distal to the shoulder * Intervention for neuromuscular dysfunctions that include brain injury, CVA and cerebral palsy * Neurologic evaluation * Balance and coordination assessment * Motor learning and motor control * Management of practice environments * Research * Issues in health care delivery * Differential diagnosis and advanced case seminar * Required physical therapy for older adults course | * Outpatient musculoskeletal * General acute hospital * Skilled nursing, subacute, extended care facilities * Home health * Rehabilitation settings * Pediatric settings |
| PHYT 770  12 weeks | Summer, 3rd year | * Completed Evidence Based Practice requirement * Completed advanced patient management (2 semesters) * Completed coursework in Health and Wellness * Completed coursework in Chronic Disability * Completed at least 2 electives which could be in any of the following areas: * Orthopedics * Neuromuscular * Child and Family * Research * Geriatrics * Public Health * Education | Any practice setting is appropriate for these rotations, although students often target rehabilitation settings, specialty rotations, or systems rotations |