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 7618 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

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| **Clinical rotation** | **Timing in curriculum** | **Coursework occurring prior to rotation** | **Targeted settings/patient populations for clinical experience** |
| PHYT 764 8 weeksPHYT 7688 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
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| PHYT 77012 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  |