Division of Physical Therapy  
Department of Allied Health Sciences  
School of Medicine  
University of North Carolina at Chapel Hill

DOCTORAL PROGRAM IN PHYSICAL THERAPY  
OVERVIEW OF CURRICULUM SEQUENCE

<table>
<thead>
<tr>
<th>Clinical rotation</th>
<th>Timing in curriculum</th>
<th>Coursework occurring prior to rotation</th>
<th>Targeted settings/patient populations for clinical experience</th>
</tr>
</thead>
</table>
| PHYT 761 8 weeks  | June through end of July  
(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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<td>PHYT 764 8 weeks</td>
<td>March through April</td>
<td>• See previous page &lt;br&gt;• Intervention with musculoskeletal dysfunction of the lower extremity and upper extremity joints distal to the shoulder &lt;br&gt;• Intervention for neuromuscular dysfunctions that include brain injury, CVA and cerebral palsy &lt;br&gt;• Neurologic evaluation &lt;br&gt;• Balance and coordination assessment &lt;br&gt;• Motor learning and motor control &lt;br&gt;• Management of practice environments &lt;br&gt;• Research &lt;br&gt;• Issues in health care delivery &lt;br&gt;• Differential diagnosis and advanced case seminar &lt;br&gt;• Required physical therapy for older adults course</td>
<td>• Outpatient musculoskeletal &lt;br&gt;• General acute hospital &lt;br&gt;• Skilled nursing, subacute, extended care facilities &lt;br&gt;• Home health &lt;br&gt;• Rehabilitation settings &lt;br&gt;• Pediatric settings</td>
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<tr>
<td>PHYT 768 8 weeks</td>
<td>Late April or early May through most of June (after PHYT 764, 2nd year)</td>
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<td>PHYT 770 12 weeks</td>
<td>Summer, 3rd year</td>
<td>• Completed Evidence Based Practice requirement &lt;br&gt;• Completed advanced patient management (2 semesters) &lt;br&gt;• Completed coursework in Health and Wellness &lt;br&gt;• Completed coursework in Chronic Disability &lt;br&gt;• Completed at least 2 electives which could be in any of the following areas: &lt;br&gt;  • Orthopedics &lt;br&gt;  • Neuromuscular &lt;br&gt;  • Child and Family &lt;br&gt;  • Research &lt;br&gt;  • Geriatrics &lt;br&gt;  • Public Health &lt;br&gt;  • Education</td>
<td>Any practice setting is appropriate for these rotations, although students often target rehabilitation settings, specialty rotations, or systems rotations</td>
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