

# RESEARCH IN PHYSICAL THERAPY (PHD)

Department Website (<http://steinhardt.nyu.edu/pt/>)

NYSED: 08200 HEGIS: 1208.00 CIP: 51.2306

## Program Description

The PhD program in Research in Physical Therapy (<https://steinhardt.nyu.edu/degree/phd-physical-therapy-research/>) emphasizes the formulation of theory-based studies of human motion in healthy and physically challenged persons that make a contribution to the body of pathokinesiological literature are fundamental to the physical therapy doctoral program. The PhD program focuses on the study of kinesiology, the measurement of human motion, and issues in motor control, research design and methodology. The curriculum integrates rigorous course work with mentored research experiences and unique opportunities for interdisciplinary collaboration. Each student develops a tailored program of study and annual benchmarks in close collaboration with the program director and dissertation chair. Students critically review scientific literature, formulate questions, and devise experiments to test those hypotheses and participate in pathokinesiology practicum in research settings under the supervision of experienced researchers in metropolitan New York and New Jersey human performance laboratories.

## Admissions

Admission to graduate programs in the Steinhardt School of Culture, Education, and Human Development requires the following minimum components:

- Résumé/CV
- Statement of Purpose
- Letters of Recommendation
- Transcripts
- Proficiency in English

See NYU Steinhardt's Graduate Admissions website (<https://steinhardt.nyu.edu/admissions/how-apply/graduate-students/>) for additional information on school-wide admission. Some programs may require additional components for admissions.

See How to Apply (<https://steinhardt.nyu.edu/degree/phd-physical-therapy-research/how-apply/>) for admission requirements and instructions specific to this program.

## Program Requirements

Course	Title	Credits
<b>Major Requirements</b>		
APSTA-GE 2001	Statistics for the Social and Behavioral Sciences I	3
APSTA-GE 2002	Statistics for Behav and Social Sciences II	2
PT-GE 2116	Analysis/Synth of Human Motion I	3
PT-GE 2118	Analysis/Synth of Human Motion II	3
PT-GE 2187	Meas&Eval Human Mot I	3
PT-GE 2188	Meas&Eval Human Mot II	3
PT-GE 3010	Doctoral Colloquium in Physical Therapy (taken three times at 1 credit each, for a total of 3 credits)	1
PT-GE 3001	Practicum Pathokin Research 1	3

RESCH-GE 3001	Dissertation Proposal Seminar	3
Research Methods Course, by advisement		3
Higher Education Course, by advisement		3
<b>Electives</b>		
Other Elective Credits		10
<b>Total Credits</b>		<b>42</b>

## Sample Plan of Study

Course	Title	Credits
<b>1st Semester/Term</b>		
APSTA-GE 2001	Statistics for the Social and Behavioral Sciences I	3
PT-GE 2116	Analysis/Synth of Human Motion I	3
PT-GE 2187	Meas&Eval Human Mot I	3
PT-GE 3010	Doctoral Colloquium in Physical Therapy	1
<b>Credits</b>		<b>10</b>
<b>2nd Semester/Term</b>		
APSTA-GE 2002	Statistics for Behav and Social Sciences II	2
PT-GE 2118	Analysis/Synth of Human Motion II	3
PT-GE 2188	Meas&Eval Human Mot II	3
PT-GE 3010	Doctoral Colloquium in Physical Therapy	1
Elective		1
<b>Credits</b>		<b>10</b>
<b>3rd Semester/Term</b>		
PT-GE 3010	Doctoral Colloquium in Physical Therapy	1
PT-GE 3001	Practicum Pathokin Research 1	3
Research Methods Course, by advisement		3
Higher Education Course, by advisement		3
<b>Credits</b>		<b>10</b>
<b>4th Semester/Term</b>		
RESCH-GE 3001	Dissertation Proposal Seminar	3
Electives		9
<b>Credits</b>		<b>12</b>
<b>Total Credits</b>		<b>42</b>

## Learning Outcomes

Upon successful completion of the program, graduates will:

1. Critically appraise the evidence and identify gaps in knowledge that are barriers to evidence-based physical therapist practice.
2. Design and implement innovative research to address important gaps in knowledge relevant to current physical therapist practice.
3. Effectively and clearly communicate original and existing scientific inquiry and results orally and in writing.
4. Demonstrate the knowledge and skills to teach in an area of expertise.

## Policies

### NYU Policies

University-wide policies can be found on the New York University Policy pages (<https://bulletins.nyu.edu/nyu/policies/>).

### Steinhardt Academic Policies

Additional academic policies can be found the Steinhardt academic policies page (<https://bulletins.nyu.edu/graduate/culture-education-human-development/academic-policies/>).