

PHYSICAL THERAPISTS (MA)

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

NYSED: 08203 HEGIS: 1212.00 CIP: 30.0101

Program Description

The Master of Arts in Physical Therapists offers a concentration in the kinesiology of persons with disabilities prepares physical therapists for advanced practice, clinical research, and teaching. Students develop competent clinical research skills to examine motor control problems in individuals with physical disabilities. This 34-credit concentration gives students expertise in the analysis and synthesis of human motion, measurement and evaluation of human motion, and research design and implementation. Students study both normal and abnormal human motion. Electro-goniometry, electromyography, dynamometry, and cinematography are used to illustrate the most advanced theories and techniques for measurement and evaluation of human motion. Coursework and independent study enhance capacities for scientific thought and develop skills in research methodology and data analysis.

Special Opportunities

Opportunities exist for graduate students to perform instruction in portions of the basic professional courses under the supervision of full-time faculty. These teaching experiences may be formulated on an individual basis by the student's adviser.

Career Opportunities

Graduates from this program work as clinical researchers, teachers, administrators, and clinicians in a variety of settings.

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/ma-pathokinesiology/how-apply/>) for admission requirements and instructions specific to this program.

Program Requirements

Course	Title	Credits
Required Courses		
PT-GE 2016	Research in Phys Ther I	3
PT-GE 2018	Research Phys Therapy II	3
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 2300	Ind Study	1-6
APSTA-GE 2085	Basic Statistics	3
Electives		
Other Elective Credits (by advisement)		9
Total Credits		34

Additional Program Requirements

Master's Thesis

All students must complete a master's thesis for degree completion.

Sample Plan of Study

Course	Title	Credits
1st Semester/Term		
PT-GE 2116	Analysis/Synth of Human Motion I	3
PT-GE 2187	Meas&Eval Human Mot I	3
Research		3
Elective		3
Credits		12
2nd Semester/Term		
PT-GE 2118	Analysis/Synth of Human Motion II	3
PT-GE 2188	Meas&Eval Human Mot II	3
Research		3
Elective		3
Credits		12
3rd Semester/Term		
PT-GE 2016	Research in Phys Ther I	3
PT-GE 2300	Ind Study	2
Credits		5
4th Semester/Term		
PT-GE 2018	Research Phys Therapy II	3
PT-GE 2300	Ind Study	2
Credits		5
Total Credits		34

Learning Outcomes

Upon successful completion of the program, graduates will:

1. Demonstrate knowledge in clinical research skills in methodology and data analysis.
2. Demonstrate knowledge in the components of normal and abnormal human motion.
3. Demonstrate knowledge in the biomechanical and neurophysiological factors foundational to the improvement of motor control in individuals with physical disabilities.
4. Demonstrate knowledge in the formulation and testing of conceptual models to analyze and improve motor control.
5. Demonstrate knowledge in the communication of research that tests a hypothesis concerning human motion.

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/>).