The mission of the physical therapy program is to foster the development of health-care professionals who practice the values of integrity, professional duty, social responsibility, excellence, accountability, altruism, caring, and compassion. Through our unique approach to learning, which includes cooperative education, the DPT program offers a rich environment that promotes lifelong personal and professional development in which students and faculty can engage to generate new knowledge through research. Graduates of our program are prepared to become reflective, evidence-based practitioners capable of responding to the changing needs of a complex world. The physical therapy program is designed to prepare its graduates to provide quality patient care in a time of changing concepts, trends, and challenges. Students are encouraged to help clients gain independence and to recognize and manage the emotional and socioeconomic problems that affect recovery.

The program in physical therapy has three admission points: freshman, transfer, or as a graduate student with a baccalaureate degree in a field other than physical therapy. The duration of the program is six years for freshman entry, four years for transfer or postbaccalaureate entry. The terminal degree for the program is the Doctor of Physical Therapy (DPT) degree. Cooperative education is unique to and the hallmark of Northeastern University. Ongoing professional development is accomplished through integration of the combination of classroom and experiential activities. Students of physical therapy alternate semesters of academic study with semesters of cooperative education work experience. Students may be employed as physical therapy co-op students with increasing responsibilities commensurate with their academic studies, or they may perform other health-related duties. These experiences provide an opportunity for the application and reinforcement of the lessons learned in the classroom and laboratory. Prior to graduation, students have twelve months of work experience incorporated into the academic program.

Students also have the opportunity to work with faculty to conduct ongoing research and to participate in community service learning.

In addition to cooperative education, the program includes thirty weeks of clinical education. Clinical education allows the student to practice professional skills under the supervision of a licensed physical therapist. Clinical sites across the United States, offering a wide range of specialties, participate in our clinical education program. Every effort is made to accommodate individual circumstances, but students should be prepared to travel out of state for two of the three clinical courses. Availability of a car may be required, as most sites are not accessible by public transportation. All expenses associated with clinical education, including travel and housing, are the responsibility of the student.

Physical therapists provide services to patients and clients who have impairments, functional limitations, disabilities, or changes in physical function resulting from injury, disease, or other causes. In addition, physical therapists are involved in wellness initiatives, including screenings, health promotions, and educational activities that promote healthy lifestyles. They perform administrative duties and direct and supervise support personnel. Physical therapists interact and practice in collaboration with a variety of health-care professionals, including, but not limited to, physicians, dentists, nurses, educators, social workers, occupational therapists, speech-language pathologists, and audiologists.

Physical therapists function in a variety of settings, including community and university hospitals; rehabilitation centers; private practices; educational settings; extended-care facilities; freestanding outpatient clinics; home health agencies; and community, state, and federal agencies.

Students do not need to reapply to the DPT phase of the program, provided they meet the academic standards. To progress in the program, students must maintain acceptable standards of scholarship and academic performance as stated in the academic requirements section of this catalog. Students must develop appropriate motor skills, professional behavior, and emotional maturity.

The program in physical therapy is accredited by the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association.

Graduates of the Doctor of Physical Therapy program are eligible to sit for the Physical Therapy Licensure Examination.

**DPT—Doctor of Physical Therapy**

*Note: “TBD” stands for “to be determined.”*

**YEAR 1**

**Introduction to College**

Complete the following course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>SH</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT 1000</td>
<td>College: An Introduction</td>
<td>1</td>
</tr>
</tbody>
</table>

**Introductory English**

Complete the following course with a grade of C or higher:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>SH</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1111</td>
<td>College Writing</td>
<td>4</td>
</tr>
</tbody>
</table>

**Mathematics**

Complete the following course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>SH</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1241</td>
<td>Calculus 1</td>
<td>4</td>
</tr>
</tbody>
</table>
Psychology
Complete the following two courses:
PSYC 1101 Foundations of Psychology 4 SH
PSYC 3404 Developmental Psychology 4 SH

Chemistry
Complete the following two courses with corresponding labs:
CHEM 1101 General Chemistry for Health Sciences 4 SH
with CHEM 1102 Lab for CHEM 1101 1 SH
CHEM 1104 Organic Chemistry for Health Sciences 4 SH
with CHEM 1105 Lab for CHEM 1104 1 SH

Free Electives
Complete any two courses outside physical therapy. Only one remedial or education course may be applied to the entire program.

YEAR 2

Professional Development
Complete the following course:
HSCI 2000 Professional Development for Bouvé Co-op 1 SH

Anatomy and Physiology
Complete the following two courses with corresponding labs:
BIOL 1117 Integrated Anatomy and Physiology 1 4 SH
with BIOL 1118 Lab for BIOL 1117 1 SH
BIOL 1119 Integrated Anatomy and Physiology 2 4 SH
with BIOL 1120 Lab for BIOL 1119 1 SH

Physics
Complete the following two courses with corresponding labs:
PHYS 1145 Physics for Life Sciences 1 4 SH
with PHYS 1146 Lab for PHYS 1145 1 SH
PHYS 1147 Physics for Life Sciences 2 4 SH
with PHYS 1148 Lab for PHYS 1147 1 SH

Statistics
Complete the following course:
MATH 2280 Statistics and Software 4 SH

Physical Therapy Foundations
Complete the following course with corresponding lab:
HLTH 1200 Basic Skills for the Health-Care Professional 2 SH
with HLTH 1201 Lab for HLTH 1200 1 SH

Free Electives
Complete any three courses outside physical therapy. Only one remedial or education course may be applied to the entire program.

YEAR 3

Gross Anatomy
Complete the following course with corresponding lab:
PT 5131 Gross Anatomy 4 SH
with PT 5132 Lab for PT 5131 1 SH

Kinesiology
Complete the following course with corresponding lab:
PT 5133 Kinesiology 3 SH
with PT 5134 Lab for PT 5133 1 SH

Professional Seminar
Complete the following course:
PT 5135 Physical Therapy Professional Seminar 2 SH

Psychosocial Management
Complete the following course:
HLTH 5174 Psychosocial Management 2 SH

Therapeutic Modalities
Complete the following course with corresponding lab:
PT 5104 Therapeutic Modalities 1 SH
with PT 5105 Lab for PT 5104 1 SH

Exercise Physiology
Complete the following course with corresponding lab:
EXSC 4500 Exercise Physiology 1 4 SH
with EXSC 4501 Lab for EXSC 4500 1 SH

Pharmacology
Complete the following course:
TBD (pending approval)

Pathology
Complete the following course:
PT 5140 Pathology 4 SH

Motor Control
Complete the following course with corresponding lab:
PT 5170 Motor Control 3 SH
with PT 5171 Lab for PT 5170 1 SH

Neuroscience
Complete the following course with corresponding lab:
PT 5138 Neuroscience 4 SH
with PT 5139 Lab for PT 5138 1 SH

YEAR 4

Health-Care Research
Complete the following course:
HLTH 3450 Health-Care Research 4 SH

Cardiovascular and Pulmonary Management
Complete the following course with corresponding lab:
PT 5503 Cardiovascular and Pulmonary Management 4 SH
with PT 5504 Lab for PT 5503 1 SH

Musculoskeletal Management 1
Complete the following course with corresponding lab:
PT 5505 Musculoskeletal Management 1 4 SH
with PT 5506 Lab for PT 5505 1 SH

Integumentary System and Advanced Modalities
Complete the following course with corresponding lab:
PT 5515 Integumentary Systems and Advanced Modalities 2 SH
with PT 5516 Lab for PT 5515 1 SH
Clinical Integration 1: Evidence and Practice
Complete the following course with corresponding lab:
PT 5520 Clinical Integration 1: Evidence and Practice 2 SH
with PT 5521 Case Studies for PT 5520 1 SH

Advanced Writing in the Disciplines
Complete the following course with a grade of C or higher:
ENGL 3306 Advanced Writing in the Health Professions 4 SH

YEAR 5—FALL, SPRING
Physical Therapy Project 1
Complete the following course:
PT 5227 Physical Therapy Project 1 3 SH

Assistive Technology
Complete the following course with corresponding lab:
PT 6215 Assistive Technology 3 SH
with PT 6216 Lab for PT 6215 1 SH

Neurological Management
Complete the following two courses with corresponding labs:
PT 5209 Neurological Management 1 4 SH
with PT 5210 Lab for PT 5209 1 SH
PT 6221 Neurological Management 2 4 SH
with PT 6222 Lab for PT 6221 1 SH

Administration
Complete the following course:
PT 6219 Physical Therapy Administration 4 SH

Health Assessment
Complete the following course:
PT 6243 Health Assessment and Wellness 3 SH

Physical Therapy Project 2
Complete the following course:
PT 5229 Physical Therapy Project 2 2 SH

Professional Seminar 2
Complete the following course:
PT 5226 Physical Therapy Professional Seminar 2 2 SH

Integrative Physical Therapy Practice
Complete the following course:
PT 5228 Integrative Physical Therapy Practice 2 SH

Musculoskeletal Management 2
Complete the following course with corresponding lab:
PT 6223 Musculoskeletal Management 2 4 SH
with PT 6224 Lab for PT 6223 1 SH

Graduate Elective
Complete one graduate elective.

YEAR 5—SUMMER
Physical Therapy Business Management
Complete the following course:
PT 5351 Physical Therapy Business Management 2 SH

Clinical Education 1
Complete the following course:
PT 6441 Clinical Education 1 6 SH

Differential Diagnosis
Complete the following course:
PT 6240 Differential Diagnosis in Physical Therapy 3 SH

Advanced Topics
Complete two courses from the following list:
PT 6231 to PT 6237

YEAR 6
Clinical Education 2
Complete the following ten-week clinical:
PT 6442 Clinical Education 2 6 SH

Clinical Education 3
Complete the following twelve-week clinical:
PT 6448 Clinical Education 3 9 SH

Diagnostic Imaging
Complete the following course:
PT 6251 Diagnostic Imaging 3 SH

PHYSICAL THERAPY MAJOR GRADE REQUIREMENT
A grade of C or higher is required in all physical therapy courses.

NU CORE REQUIREMENTS
See page 26 for requirement list.

GENERAL ELECTIVES
Additional courses taken beyond college and major course requirements to satisfy graduation credit requirements.

COOPERATIVE EDUCATION

UNIVERSITY-WIDE REQUIREMENTS
209 total semester hours required
Minimum 2.000 GPA required