DUAL-DEGREE BS IN HEALTH SCIENCE STUDIES/DOCTOR OF PHYSICAL THERAPY (4+3)

Program Contact: Katherine Harris (Katherine.Harris@qu.edu)
203-582-8511

This program is for freshman entry only. Students accepted into the Dual-Degree BS/DPT (4+3) program as freshmen receive a Bachelor of Science in Health Science Studies. All students must complete 122 university credits to include the required University Curriculum (UC) courses, DPT required courses, and a minor in an area of interest. Students must achieve a 3.2 cumulative GPA and a 3.2 average for 46 credits of selected math and science courses at the completion of all credits for admission to the graduate Doctor of Physical Therapy (DPT) program.

AP Credits and Course Substitutions
A student who scores a 4 or 5 on the AP exam for biology or has transfer credits will take BIO 101-BIO 102 at Quinnipiac University and be awarded alternate credits.

A student who scores a 4 or 5 on the AP exam or has transfer credits for calculus may choose to be awarded credit for MA 141. If AP credits are awarded and accepted for CHE 110-CHE 111, the student will discuss other sciences to be considered as replacements.

A student who receives a 4 or 5 on the AP exam or has transfer credits for biostatistics may choose to be awarded credit for MA 275. No other AP credits in the math and science categories will be accepted for program substitution without permission. AP credits and transfers credits for other non-math and science core curriculum requirements will be accepted.

The Review and Evaluation Committee for the program in physical therapy is responsible for evaluating and screening candidates during the preprofessional and professional graduate components of the program. Requirements for the program in physical therapy were approved in conjunction with the accreditation of the program and are acceptable to the School of Health Sciences and Quinnipiac University administration.

Curriculum for Dual-Degree BS in Health Science Studies/DPT (4+3)
A total of 122 credits is required for completion of the BS in Health Science Studies.

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td><strong>First Year</strong></td>
<td></td>
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<tr>
<td><strong>Fall Semester</strong></td>
<td></td>
<td></td>
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<tr>
<td>BIO 101</td>
<td>General Biology I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; 101L</td>
<td>and General Biology I Lab</td>
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<tr>
<td>CHE 110</td>
<td>General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; 111L</td>
<td>and General Chemistry I Lab</td>
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<tr>
<td>EN 101</td>
<td>Introduction to Academic Reading and Writing</td>
<td>3</td>
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<tr>
<td>MA 141</td>
<td>Calculus of a Single Variable</td>
<td>3</td>
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<tr>
<td>FYS 101</td>
<td>First-Year Seminar</td>
<td>3</td>
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<tr>
<td><strong>Credits</strong></td>
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Spring Semester
BIO 102 General Biology II and General Biology Lab II 4
CHE 111 General Chemistry II and General Chemistry Lab II 4
EN 102 Academic Writing and Research 3
UC Social Sciences elective 3
UC Humanities elective 3
**Credits** 17

**Second Year**

**Fall Semester**
BIO 211 Human Anatomy and Physiology I and Human Anatomy and Physiology Lab I 4
MA 275 Biostatistics 3
UC elective 3
UC Humanities elective 3
**Credits** 16

Spring Semester
BIO 212 Human Anatomy and Physiology II and Human Anatomy and Physiology II Lab 4
COM 150 Public Speaking: Principles and Practice 3
UC Social Sciences elective 3
UC Fine Arts elective 3
Elective 3
**Credits** 16

**Third Year**

**Fall Semester**
PHY 110 General Physics I and General Physics I Lab 4
BMS 200 Biology and Experience of Human Aging 3
UC Humanities Elective 3
**Credits** 13

Spring Semester
PHY 111 General Physics II and General Physics II Lab 4
HSC 262 Nutrition in Health and Illness 3
HM 404 Legal Aspects of Health Care Delivery 3
Elective 3
**Credits** 16

**Fourth Year**

**Fall Semester**
HSC 315 or PL 222 Bioethical Issues in the 21st Century or Bioethics 3
QU 420 Integrative Capstone 3
BMS 300 The Physiology of Human Performance I and The Physiology of Human Performance I Lab 4
Elective 3
**Credits** 13
Spring Semester

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HSC 214</td>
<td>Care and Prevention of Athletic Injuries</td>
<td>3</td>
</tr>
<tr>
<td>HSC 214L</td>
<td>CPR, AED and First Aid</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>BMS 301</td>
<td>Physiology of Human Performance II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; 301L</td>
<td>and Physiology of Human Performance II Lab</td>
<td></td>
</tr>
<tr>
<td>AT 440</td>
<td>Biomechanics</td>
<td>3</td>
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<td></td>
<td><strong>Total Credits</strong></td>
<td><strong>14</strong></td>
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The sequencing of course work for the preprofessional track is flexible; however, all requirements in the curriculum must be completed prior to entry into the graduate DPT program.

For information about the graduate portion of the program, please see Post-Bachelor’s Doctor of Physical Therapy (http://catalog.qu.edu/graduate-studies/health-sciences/post-bachelors-doctor-physical-therapy-dpt).

Student Learning Outcomes

Upon completion of the Health Science Studies program for physical therapy, students will demonstrate the following competencies:

**Student Goal:** Students will have a strong foundation in sciences to prepare them for the graduate doctor of physical therapy program.

1. **Foundational Science Knowledge:** Demonstrate a knowledge of foundational sciences.
2. **Interprofessional Health Care:** Identify the roles of various healthcare professionals.

**Student Goal:** Students will demonstrate diverse and innovative thinking.

1. **Creative Thinking:** Define and devise imaginative and original solutions to various challenges.
2. **Diversity:** Identify the role and impact diversity plays in health.

Mission Statement

The Department of Physical Therapy at Quinnipiac University provides an innovative, student-oriented environment to prepare students who can meet the evolving health needs of society. The program is dedicated to developing lifelong learners who will enhance the profession through a commitment to reflective practice, interprofessional collaboration, leadership and socially responsible action. The educational experience embodies both the university and APTA’s core values. Students provide patient-centered care using evidence-informed practice to optimize movement and positively transform society.

To achieve its mission, the Doctor of Physical Therapy program:

- Cultivates critical and reflective thinking, clinical decision-making and lifelong learning by utilizing an evidenced-based learning model, authentic assessments and a variety of learning experiences that include interactive technology. This learning model features small lab sizes, hands-on activities, visits to area clinics and opportunities to engage in professional development forums and community interdisciplinary collaboration.
- Provides both in-class and in-clinic opportunities for students to engage in the essential elements of patient/client management.

Admission

Candidates applying for admission to the Dual-Degree BS in Health Science Studies/Doctor of Physical Therapy (4+3) program from high school are required to have no less than three years of high school preparatory mathematics (four years are preferred), one year of biology, one year of chemistry and one year of physics. In addition, the scores of the Scholastic Assessment Test or the College Entrance Examination board of the American College Testing program are important considerations. Related health care experience is highly desirable. Prospective candidates also must satisfy general Quinnipiac University Admission Requirements (http://catalog.qu.edu/general-information/admissions).

All applications must include two letters of reference, and a personal interview may be required with representatives of the admissions office to discuss program requirements and the applicant’s professional interests and commitments. Applicants must have observation hours in at least two different clinical settings, preferably one in a rehabilitation facility and one in an acute care setting. A minimum of 10 hours in at least two settings (20 hours total) is required.

Applicants should forward to the Undergraduate Admissions Office a signed note from the physical therapist at each setting verifying observation hours. Applications are accepted for admission to the fall semester only. All applications are processed and screened by the vice president and dean for admissions for selection to the program. Reference letters, other correspondence and inquiries relating to an application should be directed to the dean of undergraduate admissions. Admission to Quinnipiac University does not guarantee admission to the professional graduate DPT program in physical therapy, unless officially accepted into the program as a freshman.