The physician assistant profession has grown to meet the healthcare needs of our communities and nation. The Department of Physician Assistant Studies at Quinnipiac University educates qualified individuals to be highly skilled licensed healthcare providers who practice team-based medicine in collaboration with physicians. The department offers a dual-degree program, which consists of an undergraduate pre-PA program known as the Entry-Level Master's Physician Assistant (ELMPA) program and the accredited graduate Master of Health Science (MHS) Physician Assistant program.

The ELMPA program provides students who are serious about entering the physician assistant profession with a well-rounded education and a strong focus in biological and health science studies. This very structured and organized undergraduate program not only prepares students for the rigors of the professional component of the program, but also introduces students to the role and responsibilities of physician assistants as well as the six competencies for the physician assistant profession. Upon successful completion of all of the requirements of the ELMPA program, students receive a Bachelor of Science in Health Science Studies and directly matriculate into reserved seats in the MHS program.

The graduate MHS Physician Assistant program is a 27-month intensive educational experience that prepares students with the core competencies to be a caring, compassionate, competent and highly skilled healthcare provider. The program consists of a total of 15 months didactic and 12 months clinical education. Students are required to meet core professional competencies, standards of professionalism and mission-driven program requirements prior to graduation from the program. Each graduate cohort is composed of students entering from the ELMPA program as well as external candidates who apply for admission through the Central Application Service for Physician Assistants (CASPA).

Undergraduate Program

- Entry-Level Master’s Physician Assistant (http://catalog.qu.edu/health-sciences/physician-assistant-studies/entry-level-health-science-mhs/)

Graduate Program

- Master of Health Science (http://catalog.qu.edu/graduate-studies/health-sciences/physician-assistant-mhs/)

Physician Assistant (PY)

PY 104. Physician Assistant Seminar I - Orientation to the Profession. 1 Credit.

This course is for ELMPA majors only. Students gain a basic knowledge of the fundamentals of the physician assistant profession and are introduced to the competencies of the PA profession. PA education, role expectations and practice settings are examined. In addition, historical information on the profession is presented. Students must have active AAPA student membership. 

**Offered:** Every year, Spring

PY 204. Physician Assistant Seminar II - The Interdisciplinary Team. 1 Credit.

In this seminar course, students explore the roles of those professionals who are part of the health care team and learn how team practice affects patient care. Experts from a variety of health care fields explore the relationship of the practicing PA in each professional domain.

**Prerequisites:** Take PY 104, PY 397.

**Offered:** Every year, Spring

PY 388. Clinical Training I. 3 Credits.

This course is for ELMPA majors only. It includes classroom and clinical experiences and provides students with an opportunity to develop the knowledge and skills required for Emergency Medical Technician National Certification. Emphasis is placed on patient assessment, clinical signs and symptoms, pathophysiology and the practical skills necessary to manage the pre-hospital care of patients. Clinical rotations with an ambulance service are required. At the discretion of the course instructor, students may be required to meet for additional practical sessions outside of class time. Successful completion of the PY 388-389 sequence and fulfillment of state-mandated hours of instruction are required to be eligible for certification.

**Prerequisites:** Take PY 104.

**Offered:** Every year, Fall

PY 388L. Clinical Training I Lab. 0 Credits.

Lab to accompany PY 388. (3 lab hrs.)

**Offered:** Every year, Fall

PY 389. Clinical Training II. 3 Credits.

This course is a continuation of PY 388 and is for ELMPA majors only.

**Prerequisites:** Take PY 388.

**Offered:** Every year, Spring

PY 389L. Clinical Training II Lab. 0 Credits.

Lab to accompany PY 389. (3 lab hrs.)

**Offered:** Every year, Spring

PY 397. Pre-Health Professions Clinical Affiliation. 3 Credits.

The pre-clinical experience pairs an undergraduate student who displays maturity, dedication and sensitivity with a physician assistant for a 12-week period. The affiliation is designed to provide the student with the opportunity to observe PA practice and the competencies of the PA profession in a clinical setting. Students may register for the course according to the following criteria: permission of faculty; completion of a minimum of three semesters at Quinnipiac; satisfactory GPA; compliance with pre-clinical health and uniform requirements.

**Prerequisites:** Take PY 104.

**Offered:** Every year, Spring

PY 401. Introduction to Clinical Problem Solving. 3 Credits.

This course offers the pre-physician assistant student the tools necessary for developing a systematic approach to the patient and his or her medical condition. Students learn to access and evaluate the medical literature for identification of the signs and symptoms of disease presentation, the components of a history and physical, and the understanding of a differential diagnosis. In addition, students are taught the basis for developing a patient assessment plan. Students may not receive credit for both PY 401 and HSC 401.

**Prerequisites:** Take PY 104, PY 397.

**Offered:** Every year, Fall

PY 501. Human Physiology. 4 Credits.

This course takes a systems approach to the physiologic and biochemical functions of the human body, including relevant anatomical correlations. Laboratory sessions emphasize clinical application to systemic function.

**Offered:** Every year, Summer
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PY 501L</td>
<td>Physiology Lab.</td>
<td>0</td>
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<tr>
<td>Offered: Every year, Summer</td>
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<td>PY 503. Principles of Interviewing.</td>
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<td>Offered: Every year, Summer</td>
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<tr>
<td>PY 504. History, Roles and Responsibilities of the PA.</td>
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<td>Offered: Every year, Summer</td>
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<td>PY 505. Clinical Pharmacology I.</td>
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<td>Offered: Every year, Fall</td>
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<tr>
<td>PY 506L. Clinical Correlation Lab.</td>
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<td>Offered: Every year, Fall</td>
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<td>PY 507. Principles of Internal Medicine.</td>
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<td>Offered: Every year, Fall</td>
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<td>PY 507L. EKG Lab.</td>
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<td>Offered: Every year, Summer</td>
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<td>PY 508. Diagnostic Methods I.</td>
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<tr>
<td>PY 508L. Diagnostic Methods Lab.</td>
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<td>Offered: Every year, Summer</td>
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<tr>
<td>PY 509. Principles of Obstetrics and Gynecology.</td>
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<tr>
<td>PY 510. Principles of Pediatrics.</td>
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<tr>
<td>PY 511. Principles of Surgery and Emergency Medicine.</td>
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<td>Offered: Every year, Spring</td>
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<td>PY 511L. Clinical Skill Lab.</td>
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<td>Offered: Every year, Spring</td>
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<td>PY 512. Psychosocial Issues in Health Care.</td>
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<td>Offered: Every year, Spring</td>
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<tr>
<td>PY 512L. Psychosocial Issues Lab.</td>
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<td>Offered: Every year, Spring</td>
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PY 513. Behavioral Medicine. 3 Credits.
This one-semester course gives students an overview of some of the most important areas in behavioral psychiatry. The course includes an overview of basic psychiatric concepts and focuses on assessing patients who manifest psychological symptoms. Topics include diagnosis and treatment of anxiety disorders, mood disorders, common child and adolescent disorders, somatoform and factitious disorders, psychotic disorders, sleep disorders, adjustment and personality disorders, drug and alcohol abuse, and addresses forensic issues in behavioral health.
Offered: Every year, Spring

PY 514. Diagnostic Methods II. 1 Credit.
This course covers the basic principles of radiologic and imaging techniques, indication for various tests and recognition of abnormal findings.
Offered: Every year, Fall

PY 515. Clinical Pathology. 3 Credits.
Basic human pathology is examined from a systemic and cellular level, pathogenesis and various disease states. Topics include histology, inflammation and repair, endocrine, cardiovascular, pulmonary, musculoskeletal, GI and GU pathology.
Offered: Every year, Summer

PY 516. Clinical Pharmacology II. 2 Credits.
This continuation of Clinical Pharmacology I emphasizes commonly prescribed therapeutic agents.
Offered: Every year, Spring

PY 518. Physical Diagnosis. 3 Credits.
This lecture course presents the techniques for performing a complete and competent physical examination with an understanding of the pathophysiology presented by the patient. Along with the comprehensive complete physical examination, students learn the problem-oriented physical examination as well as special examination tools and techniques. Synthesis of historical and physical presentations for an accurate evaluation of the patient are emphasized.
Prerequisites: Take PY 503.
Corequisites: Take PY 518L.
Offered: Every year, Fall

PY 518L. Physical Diagnosis Lab. 1 Credit.
This laboratory/pre-clinical clerkship course presents and explores the techniques for performing a complete and competent physical examination and organizing and reporting the findings in both written and oral format. The pre-clinical clerkships allow the student to gain experience and develop confidence in approaching patients prior to entering the clinical year. Instructional techniques include small group discussion, practical experience with other students and patients, and the observation and critique of physical examination, write-ups and oral presentations.
Prerequisites: Take PY 503.
Corequisites: Take PY 518.
Offered: Every year, Fall

PY 519. Human Anatomy. 3 Credits.
This lecture experience is meant to provide an environment for learning gross morphology of the human body including structural relationships, anatomical variations and clinical application. Approach to the material is both regional and systemic. Content includes the basic concepts of embryology, the comparison of normal and abnormal structural relationships and demonstration of how these things relate to health and disease. To meet the instructional goals and objectives, students attend lectures and review online reusable learning modules while making connections to concepts encountered in PY 519L.
Offered: Every year, Summer

PY 519L. Human Anatomy Lab. 1 Credit.
This lab experience is meant to provide an environment for learning gross morphology of the human body including structural relationships, anatomical variations and clinical application. Approach to the material is both regional and systemic. To meet the instructional goals and objectives, students complete full cadaveric dissections and a self-study osteology review.
Corequisites: Take PY 519.
Offered: Every year, Summer

PY 520L. Clinical Decision Making. 1 Credit.
The purpose of this course is to reinforce materials taught in Principles of Internal Medicine and to provide clinical correlations by working through a case scenario, in either a simulation or seminar setting. Students develop critical thinking skills by working through a history, physical exam, laboratory tests and diagnostic studies, and developing a differential diagnosis for each case, which leads to a diagnosis so that the student can formulate a treatment plan.
Prerequisites: Take PY 501, PY 519, PY 519L.
Corequisites: Take PY 506.
Offered: Every year, Fall

PY 526. Principles of Epidemiology. 3 Credits.
This graduate-level course in epidemiology directs itself toward application of epidemiological principles. The course involves analysis of prospective and retrospective studies, cross-sectional studies and experimental epidemiology. Both communicable and chronic disease case studies are used, as well as case studies of occupationally induced diseases.
Offered: Every year, Summer

PY 536. Biostatistics. 3 Credits.
This course covers the application of statistical techniques to the biological and health sciences. Emphasis is on mathematical models, collection and reduction of data, probabilistic models estimation and hypothesis testing, regression and correlation, experimental designs and non-parametric methods.
Offered: Every year, Summer
PY 548. Ethics in Health Care Delivery I. 2 Credits.
This course provides an overview of the discipline of Medical Ethics presenting the study and application of relevant principles, insights and understandings of modern medical practice. The course includes a study of ethical theories, which lay the foundation for subsequent investigation into specific ethical problems found in medical science and technology. A framework of ethical decision making is introduced and practiced using realistic medical cases. The purpose of the course is to provide a framework that enables the student to reason clearly and effectively about the ethics involved in medical science and technology. This course better prepares students to identify ethical issues they may encounter during the clinical year and provides a method for ethical decision making when faced with these issues. The course assumes no prior knowledge of philosophical ethics or medical science.
Offered: Every year, Summer

PY 572. Medical Microbiology and Infectious Diseases. 3 Credits.
This detailed study of microorganisms and the diseases they cause in man includes consideration of infectious disease microorganisms including their biochemical, serological and virulence characteristics, and clinical manifestations. An organ system approach is used to examine the fundamentals of pathogenicity, host response, epidemiological aspects of infectious disease, as well as clinical manifestations, diagnosis and treatment of infections.
Offered: Every year, Fall

PY 608. Graduate Seminar. 3 Credits.
This seminar prepares students for the specific requirements of entering professional practice. Faculty active in the profession cover such issues as malpractice coverage, licensure regulation, risk management and legal issues, and aspects of the financing of health care. Lab sessions are designed as small group seminars. Through guided discussion in these small seminar settings, students explore the current literature and thinking on the competencies for the physician assistant profession.
Offered: Every year, Summer

PY 608L. Graduate Seminar Lab. 0 Credits.
Lab to accompany PY 608. (1.5 lab hrs.)
Offered: Every year, Summer

PY 611. Clinical Residency I. 3 Credits.
Upon successful completion of the didactic phase, the PA student undertakes an intensive course of study requiring the application of skills and concepts acquired during the earlier course work. Each student rotates through seven six-week clinical disciplines and two four-week electives at varying sites throughout Connecticut, Massachusetts and Rhode Island. The core rotations are: family medicine/primary care, internal medicine, general surgery, emergency medicine, obstetrics/gynecology, pediatrics and psychiatry. Supplemental electives include a wide variety of medical, surgical and pediatric subspecialties.
Offered: Every year, Summer

PY 612. Clinical Residency II. 3 Credits.
Upon successful completion of the didactic phase, the PA student undertakes an intensive course of study requiring the application of skills and concepts acquired during the earlier course work. Each student rotates through seven six-week clinical disciplines and two four-week electives at varying sites throughout Connecticut, Massachusetts and Rhode Island. The core rotations are: family medicine/primary care, internal medicine, general surgery, emergency medicine, obstetrics/gynecology, pediatrics and psychiatry. Supplemental electives include a wide variety of medical, surgical and pediatric subspecialties.
Offered: Every year, Summer

PY 613. Clinical Residency III. 3 Credits.
Upon successful completion of the didactic phase, the PA student undertakes an intensive course of study requiring the application of skills and concepts acquired during the earlier course work. Each student rotates through seven six-week clinical disciplines and two four-week electives at varying sites throughout Connecticut, Massachusetts and Rhode Island. The core rotations are: family medicine/primary care, internal medicine, general surgery, emergency medicine, obstetrics/gynecology, pediatrics and psychiatry. Supplemental electives include a wide variety of medical, surgical and pediatric subspecialties.
Offered: Every year, Summer

PY 614. Clinical Residency IV. 3 Credits.
Upon successful completion of the didactic phase, the PA student undertakes an intensive course of study requiring the application of skills and concepts acquired during the earlier course work. Each student rotates through seven six-week clinical disciplines and two four-week electives at varying sites throughout Connecticut, Massachusetts and Rhode Island. The core rotations are: family medicine/primary care, internal medicine, general surgery, emergency medicine, obstetrics/gynecology, pediatrics and psychiatry. Supplemental electives include a wide variety of medical, surgical and pediatric subspecialties.
Offered: Every year, Fall

PY 615. Clinical Residency V. 3 Credits.
Upon successful completion of the didactic phase, the PA student undertakes an intensive course of study requiring the application of skills and concepts acquired during the earlier course work. Each student rotates through seven six-week clinical disciplines and two four-week electives at varying sites throughout Connecticut, Massachusetts and Rhode Island. The core rotations are: family medicine/primary care, internal medicine, general surgery, emergency medicine, obstetrics/gynecology, pediatrics and psychiatry. Supplemental electives include a wide variety of medical, surgical and pediatric subspecialties.
Offered: Every year, Fall

PY 616. Clinical Residency VI. 3 Credits.
Upon successful completion of the didactic phase, the PA student undertakes an intensive course of study requiring the application of skills and concepts acquired during the earlier course work. Each student rotates through seven six-week clinical disciplines and two four-week electives at varying sites throughout Connecticut, Massachusetts and Rhode Island. The core rotations are: family medicine/primary care, internal medicine, general surgery, emergency medicine, obstetrics/gynecology, pediatrics and psychiatry. Supplemental electives include a wide variety of medical, surgical and pediatric subspecialties.
Offered: Every year, Fall

PY 617. Clinical Residency VII. 3 Credits.
Upon successful completion of the didactic phase, the PA student undertakes an intensive course of study requiring the application of skills and concepts acquired during the earlier course work. Each student rotates through seven six-week clinical disciplines and two four-week electives at varying sites throughout Connecticut, Massachusetts and Rhode Island. The core rotations are: family medicine/primary care, internal medicine, general surgery, emergency medicine, obstetrics/gynecology, pediatrics and psychiatry. Supplemental electives include a wide variety of medical, surgical and pediatric subspecialties.
Offered: Every year, Spring
PY 618. Clinical Residency VIII. 3 Credits.
Upon successful completion of the didactic phase, the PA student undertakes an intensive course of study requiring the application of skills and concepts acquired during the earlier course work. Each student rotates through seven six-week clinical disciplines and two four-week electives at varying sites throughout Connecticut, Massachusetts and Rhode Island. The core rotations are: family medicine/primary care, internal medicine, general surgery, emergency medicine, obstetrics/gynecology, pediatrics and psychiatry. Supplemental electives include a wide variety of medical, surgical and pediatric subspecialties.
Offered: Every year, Spring

PY 619. Clinical Residency IX. 3 Credits.
Upon successful completion of the didactic phase, the PA student undertakes an intensive course of study requiring the application of skills and concepts acquired during the earlier course work. Each student rotates through seven six-week clinical disciplines and two four-week electives at varying sites throughout Connecticut, Massachusetts and Rhode Island. The core rotations are: family medicine/primary care, internal medicine, general surgery, emergency medicine, obstetrics/gynecology, pediatrics and psychiatry. Supplemental electives include a wide variety of medical, surgical and pediatric subspecialties.
Offered: Every year, Spring

PY 648. Ethics/Health Care Delivery II. 1 Credit.
This 1-credit course occurs in the third summer after the student completes their clinical rotations. The course is a continuation of the PY 548 Ethics in Health Care I. The purpose of the course is to reinforce a framework of ethical decision-making which enables the student to reason clearly and effectively about the ethics involved in medical science and technology and reflect on ethical issues encountered during the clinical year. Student experiences encountered during their clinical year are used to exemplify the theoretical course material.
Offered: Every year, Summer

PY 650. Medical Writing Workshop/Journal Club. 1 Credit.
The purpose of the medical writing course is to educate the PA student in the interpretation of medical literature and provide experiences in the various forms of medical writing and presentations. The course begins in summer semester of the second year with lectures, modules and on-campus activities, and then spans the clinical year using distance-education resources. Learning topics progress from a basic overview of writing mechanics and proper referencing to specific types of medical articles. Success in the medical writing course is determined by the quality of the researched written clinical papers and posters.
Offered: Every year, Summer

PY 676. Comprehensive Examination. 2 Credits.
This comprehensive examination is a capstone of the physician assistant program. The purpose of the exam is twofold. First, to ascertain if the student has both the broad and specific knowledge expected of someone holding a master’s degree. Second, to determine whether the student has been able to integrate knowledge obtained from individual courses into unified concepts that link the students’ own specialization to other fields of study. The student is given an oral exam, a written examination and a clinical skills examination in the form of an Objective Score of Clinical Evaluation (OSCE).
Offered: Every year, Summer