

TO SERVE, TO LEAD, TO TEACH



TOURO UNIVERSITY
CALIFORNIA

PUBLIC HEALTH PROGRAM

DOCTOR OF PHARMACY / MASTER OF PUBLIC HEALTH



- Participate in program planning, implementation and evaluation, such as appropriateness of prescribed treatment regimens, medication refill reminders and other compliance programs;
- Participate in public health programs sponsored by health departments, for example, disaster preparedness, and administering vaccinations;
- Design benefit programs, reimbursement systems, and prescription drug plans

The Doctor of Pharmacy (PharmD)/Master of Public Health (MPH) Dual Degree at Touro University California bridges the complementary strengths of the College of Pharmacy (COP) and the College of Education and Health Sciences. It provides students currently enrolled in the PharmD Program with an integrated curriculum focusing on the knowledge and ingenuity of the delivery of pharmaceutical care within a population-based public health framework. The dual degree is designed for students interested in working in divisions of pharmacy with an emphasis in epidemiologically-based research, evaluation of community-based health programs, and needs of populations and issues affecting their health.

WHY A DUAL DEGREE?

- Design and provide disease management and pharmacy-based immunization programs;
- Participate in pharmacotherapy, health promotion, and disease prevention;
- Conduct epidemiologic investigations;
- Participate in health outcomes research;
- Contribute to the development and implementation of policy to provide safer medications to patients;
- Participate in disease surveillance of adverse drug events, potential drug interactions, patterns of over/underuse, and disaster preparedness;
- Shape policy regarding inclusions/exclusions from drug formularies;

CURRICULUM

The MPH degree requires a 42-unit course of study, encompassing the five core areas of public health: Biostatistics, Epidemiology, Health Policy and Management, Environmental Health Science, and Social and Behavioral Sciences. PharmD/MPH students complete 30 units of MPH coursework. The remaining 12 units are transferred from the PharmD curriculum and cover related cross-over content. Students gain depth through coursework in a chosen specialized public health track (Community Health or Global Health). In addition to the courses in the core areas of public health, the Community Health and Global Health programs of study are designed from the following track core courses:

Community Health Track

- Health Education and Promotion
- Health Disparities and Community Organizing
- Program Evaluation and Needs Assessment
- Research Methodology

Global Health Track

- Essentials of Global Health
- Emerging Health Threats
- Global Reproductive Health
- Research Methodology

"The MPH is the perfect complement to any health professional degree. Mine has given me an opportunity to work with disadvantaged populations, compelled me to analyze and dissect research in a more meaningful way, and broadened my understanding of the forces that impact human health and behavior. My PharmD provides me the knowledge to optimize patient drug therapy but my MPH reminds me that I need to treat the patient as a whole, not just a set of signs and symptoms."

-Hugh Ngo, PharmD, MPH – Class of 2013

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PHARMD/MPH SAMPLE COURSE SEQUENCE

Summer Academic Session I (CHT & GHT)
(Prior to P1 OR Between P1 & P2)
Course & Number of Units

- PH 606: Health Education & Promotion (3–CHT)
 - PH 607: Biostatistics (3)
 - PH 608: Behavioral & Social Aspects of Public Health (3)
 - PH 614A: Essentials of Global Health (3–GHT)
 - PH 648: Environmental Health (3)
- Total: 12 Units**

Summer Academic Session II (CHT)
Course & Number of Units
(Between P1 & P2 OR P2 & P3)

- PH 604A: Health Policy & Management (3)
 - PH 618: Epidemiology (3)
 - PH 619: Research Methodology (1)
 - PH 620: Health Disparities & Community Organizing (3)
 - PH 647: Program Evaluation & Needs Assessment (3)
- Total: 13 Units**

Summer Academic Session II (GHT)
Course & Number of Units
(Between P1 & P2 OR P2 & P3)

- PH 602A: Emerging Health Threats (3)
 - PH 604A: Health Policy & Management (3)
 - PH 618: Epidemiology (3)
 - PH 619: Research Methodology (1)
 - PH 622A: Global Reproductive Health (3)
- Total: 13 Units**

Open Blocks During P3 and/or P4
Culminating Experience

- PH 623: Public Health Field Study (2)
 - PH 645: Capstone Master's Thesis (3)
- OR**
- PH 646 : Comprehensive MPH Exam (3)
- Total: 5 Units**



THE CULMINATING EXPERIENCE

This essential part of the curriculum is comprised of the Public Health Field Study and Capstone courses.

PharmD/MPH students are required to complete a 200-hour field study in a public health setting that integrates core skills and knowledge acquired during the Program's didactic phase.

The PharmD/MPH Dual Degree Public Health Field Study is carried out as an exclusive MPH course (PH 623) managed by the MPH program and independent of the College of Pharmacy. The Public Health Program has successfully developed collaborations with local departments of health, community organizations and non-governmental organizations engaged in public health activities. These partnerships provide our students many sites from which to gain field study experience.



MPH students in the Community Health Track are required to conduct their field studies under the guidance of site preceptors and course coordinators at affiliated organizations.

This provides students an enhanced understanding about how ideas concerning the promotion of health and well-being are translated into programs of action that benefit communities.

Students in the Global Health Track are required to conduct their field studies at any of the three international sites under the guidance of site preceptors and course coordinators: Bolivia, Cambodia, and Ethiopia.

The Public Health Field Study is followed by the Capstone Course -- the integration of coursework and field experience. Students may choose a singular applied research project, consisting of a formal written manuscript and an oral presentation; or a comprehensive exam demonstrating the student's mastery of and ability to integrate core public health principles and to apply this understanding to issues that may confront public health professionals.

CONTACT INFORMATION:

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