



## SCHOOL OF HEALTHCARE BUSINESS AT MCPHS

### BE A PART OF DYNAMIC, EVER-EVOLVING INDUSTRIES

The [Master of Science in Pharmaceutical Economics and Policy](#) program provides a flexible curriculum for advanced training in pharmaceutical economics and policy, and pharmacy administration. Focus areas of the Master of Science program include pharmaceutical economics and policy, global drug policy, pharmacoeconomics and outcomes research, health epidemiology, pharmacoepidemiology, and pharmacy management.

### MASTER OF SCIENCE IN PHARMACEUTICAL ECONOMICS AND POLICY

**LOCATION:** Boston Campus, Online | **START TERM:** Fall, Spring

#### PROGRAM OBJECTIVES

Upon successful completion of the MS program in PEP, you should be able to assess the appropriateness of research designs for health care interventions for comparative effectiveness, policy analyses, and health economic evaluations. You should be able to apply and interpret the results of statistical, epidemiologic and health economic analyses/evaluations. In addition, students learn to effectively synthesize evidence to inform key stakeholders including industry, regulators, and policy makers and analyze the structure and functions of U.S. and international health care systems, focusing on finance and delivery.

#### PROGRAM FORMAT

Designed to fit your life, this program gives you the choice to study in-person at our Boston campus or online and to begin your studies in the fall or spring semester. The Boston-based program offers both a thesis and a non-thesis option. The online program is an asynchronous non-thesis course of study and is intended primarily for part-time students.

# WHAT MAKES MCPHS UNIQUE?

## IMMERSIVE LEARNING AND REWARDING CAREERS

Immersed in a fast-paced, hands-on culture—and supported by a team of mentors, advisors, and coaches—you will train with the same state-of-the-art technology used in real-life labs, clinics, and hospitals. Expect to be challenged and stimulated as you collaborate with like-minded peers, learn to think and make decisions on your feet, and thrive in a vibrant community that is dedicated to your success in the health sciences.

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### **\$124,126 Median Salary of Graduates 10 Years after Enrollment**

– U.S. Department of Education College Scorecards

### **#3 in the U.S. for Value**

– Georgetown University Center on Education and the Workforce

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## INTERPROFESSIONAL COLLABORATION

Cross-disciplinary collaboration is at the heart of the integrated care models deployed across today's healthcare system, and is at the core of the training featured in our laboratories, classrooms, and simulations. Faculty and students engage in interprofessional educational experiences in a supportive and stimulating learning environment designed to advance their individual knowledge and spark healthcare innovation.

Learn more about IPE at MCPHS: [www.mcphs.edu/IPE](http://www.mcphs.edu/IPE)

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**100+ healthcare programs** offered across our three campuses and online

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## HEALTHCARE PROGRAMS WITH A UNIQUE TEAM-BASED APPROACH

Professionally focused and intellectually curious, our students represent nearly every U.S. state and dozens of foreign countries and reflect a wide range of healthcare interests. To help all students achieve their goals, MCPHS offers a rich diversity of programs across our three campuses, and online. These integrative programs apply the same team-based approach as modern healthcare institutions—and present a wealth of opportunities for students to explore different fields in the health sciences.

## CLINICAL PLACEMENTS, INTERNSHIPS, RESEARCH, AND VOLUNTEER OPPORTUNITIES

MCPHS students have access to the most sought-after internships, clinical placements, research, and volunteer opportunities. From the leading hospitals in central Massachusetts and New Hampshire to Boston's world-class Longwood Medical and Academic Area, students gain real-world experience through internships in top institutions, including the #1 pediatric hospital in the country and New England's most comprehensive cancer treatment center.

## STATE-OF-THE-ART FACILITIES THAT SIMULATE A REAL HOSPITAL SETTING

All MCPHS labs and equipment reflect a real-life hospital setting. To ensure the success of our students, we continue to invest in health sciences programs and technology. Our sonography lab, for example, offers 17 ultrasound units equipped with advanced 3D/4D equipment; our pharmacy lab is a working, licensed pharmacy; and our dental hygiene clinic is recognized as one of the most comprehensive oral healthcare clinics in New England.

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**5 on-site clinics and treatment centers** across three campuses where students gain hands-on experience with real patients.

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## FULL-TIME DISTINGUISHED FACULTY AND A TIGHT STUDENT-TO-FACULTY RATIO

Our full-time faculty members are, first and foremost, mentors to our students—highly accessible and fully supportive. Distinguished in the health sciences, they serve as fellows of national academies, presidents of national professional associations, editors of medical journals, investigators on federally funded research projects, and business leaders in the community. Their goal is to help you achieve your goals.

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**90% share of full-time faculty members with terminal degrees**

**15:1 student-to-faculty ratio**

**740+ faculty members** at MCPHS

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*For more information about our programs, contact:*

MCPHS MAIN CAMPUS BOSTON: 617.879.5964 | WORCESTER: 508.373.5607 | MANCHESTER: 603.314.1701 | ONLINE: 508.373.5657

## MASTER OF SCIENCE IN PHARMACEUTICAL ECONOMICS AND POLICY CURRICULUM

### YEAR I-FALL

Quantitative Methods in PEP	3
Health Epidemiology	3
Comparative Pharmaceutical Healthcare Systems	3
Introduction to Health Economics and Outcomes Research	3
Graduate Seminar in Pharmaceutical Economics and Policy	1
<b>TOTAL</b>	<b>13</b>

### YEAR I-SPRING

Elective	3
Elective	3
Regression Analysis in Pharmaceutical Economics and Policy	3
Graduate Seminar in Pharmaceutical Economics and Policy	1
<b>TOTAL</b>	<b>10</b>

### YEAR II-FALL

Market Access Pricing & Reimbursement	3
Elective	3
Elective	3
Graduate Seminar in Pharmaceutical Economics and Policy	1
<b>TOTAL</b>	<b>10</b>

### YEAR II-SPRING

Capstone: Data Analysis and Presentation	
Capabilities in PEP	3
<b>TOTAL</b>	<b>3</b>

**Total credits to complete degree requirements: 36**

### MASTER OF SCIENCE IN PHARMACEUTICAL ECONOMICS AND POLICY (ONLINE, NON-THESIS PROGRAM)

Online program requirements are identical to those above for the on-campus MS non-thesis program except that;

- The courses will generally be taken in a less concentrated manner (e.g., 2 per term) and in all cases, a student's program should start with PEP 802
- Courses will be offered in the summer term, enabling the completion of the program in 2 calendar years
- An additional 3 credit elective substitutes the non-thesis 3 credits of seminar requirements.

### RECOMMENDED ELECTIVES FOR ALL MASTER OF SCIENCE DEGREES

- Law and Health Policy of Drugs and Devices
- FDA and Regulatory Affairs
- Laws and Regulations Governing Human Research
- Health Policy Development & Analysis
- International Regulatory Affairs
- Pharmacoepidemiology Applications
- Pharmaceutical Marketing Applications
- Healthcare Management Applications
- Pharmacoeconomic Applications
- Healthcare Decision Analysis
- Introduction to SAS Programming
- Health Services and Outcomes Research
- Statistical Programming Using SAS
- Meta-analysis Applications
- Practicum Pharm Business and Administrative Internships
- Selected Topics in Pharmaceutical Economics and Policy

*For complete degree requirements and the most up-to-date curriculum information, visit [www.mcphs.edu](http://www.mcphs.edu).*

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