

Pharmaceutical Assessment, Management and Policy (PAMP)
MPH Interdepartmental Program
New Program Launched in Fall 2007

PAMP Description

Beginning in fall 2007, BUSPH launched the Pharmaceutical Assessment, Management and Policy (PAMP) program. The PAMP program is a track within the MPH program for students who wish to concentrate their MPH studies and experiences in the area of pharmaceuticals and public health. The PAMP program is supplementary option under the existing MPH program and will provide students with training in pharmaceutical health care management, policy, research and outcomes. The PAMP program will prepare students for positions within management consulting firms, non-governmental organizations, donors and lending banks, government, managed care organizations, contract research organizations, and the pharmaceutical industry. Completion of PAMP program will lead to a PAMP certificate and documentation on official BU transcript in addition to the MPH degree to be awarded to the student in recognition of successful completion of the PAMP program.

Goal of PAMP

To provide students with the knowledge and expertise to address pharmaceutical issues in a public health perspective.

Objectives of PAMP

At completion of the PAMP program, the student should be able to:

1. Identify pharmaceutical issues and priorities in the context of public health
2. Discuss the realm of policy and program interventions that could be used to address pharmaceutical issues in public health, including the relevant positive and negative experiences of different organizations, countries, etc. in implementation of these interventions.
3. Participate in the design and implementation of policy and program interventions to address pharmaceutical issues in the context of public health.
4. Evaluate policy and program interventions to assess the impact of interventions.
5. Contribute to the design and conduct of research on pharmaceutical related topics

PAMP Entry Requirements

Students who matriculate in the MPH program with a concentration in biostatistics, epidemiology, health policy and management, or international health are eligible for this track. There are no additional entry requirements for the pharmaceutical track.

PAMP Completion RequirementsCourse Requirements:

To complete the PAMP program, students must take three required courses. These courses must be taken in the sequence indicated below:

Fall: 2 credit **PM742** Introduction to PAMP

Spring: 4 credit **IH820** (PM742 is a pre-requisite)

Fall 4 credit **PAMP capstone** course (IH820 is a pre-requisite)

In addition, students must also take a total of 8 credits of courses identified to be relevant to pharmaceutical assessment, management, and policy. All students are required to take at least one of the following:

- BS722** Design and Conduct of Clinical Trials
- BS851** Applied Statistics in Clinical Trials I
- EP771** Topics in Pharmacoepidemiology
- P756** Drug Epidemiology

And

At least one of the following:

- PM811** Health Services Research Methods
- PM855** Cost Effectiveness Analysis and Decision Analysis

In addition, students in the PAMP track are required to take the 4 credit Epidemiology core course (EP712) and the 4 credit Biostatistics core course (BS703). All other core MPH course requirements must be met in accordance with departmental requirements.

Because of the sequencing of PAMP required courses, it is recommended that students consider registering for PAMP in their first semester.

Other requirements:

- The practicum must be related to pharmaceuticals.
- Students must draft a white paper as part of the PAMP capstone course. This white paper will be an exercise to synthesize and integrate knowledge gained from PAMP and apply it to address a real world problem related to pharmaceutical management and/or policy, epidemiology, biostatistics or international health.

Registration Information

Students must register for the PAMP program. Students wishing to register for PAMP should complete a registration form, obtain signatures from one of the co-directors and from the faculty representative in the respective department, and submit the form to the registrar. Registration forms are available from the registrar. If a student has no prior experience in the area of pharmaceuticals, the co-director may suggest the students take additional courses to provide the student with knowledge and skills to succeed in the track.

Contact Information

Co-Directors: · Lewis E. Kazis, Sc.D., Professor, Department of Health Policy and Management; email: lek@bu.edu

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Department Faculty Representatives:

- Susan F. Fish, Pharm.D. MPH, Professor, Department of Biostatistics; email: sfish@bu.edu
- Susan S. Jick, MPH, Associate Professor, Department of Epidemiology; email: sjick@bu.edu
- Joseph Massaro, Ph.D., Assistant Professor, Department of Biostatistics; email: jmm@bu.edu

Rotation Schedule for Pharmaceutical Assessment, Management, and Policy (PAMP) Program

Course Number	Course Name	When Offered	Pre-Requisite(s)
PM742	Introduction to Pharmaceutical Assessment, Management, and Policy (PAMP)	Fall	None
IH820	Global Issues in Pharmaceutical Policy and Programming	Spring	PM742 or consent of instructor
TBA	Capstone for Pharmaceutical Assessment, Management, and Policy (PAMP)	Fall	PM742, IH820, BS703, EP712
BS703	Biostatistics	Fall, Spring, Summer II	None
EP712	Epidemiology	Fall, Spring, Summer II	None
BS722	Design and Conduct of Clinical Trials	Spring, Summer II	EP711 or EP712, BS701 or BS703
BS851	Applied Statistics in Clinical Trials I	Alternating Spring & Summer; next Summer 2008	BS701 or BS703, AND EP711 or EP712, AND BS723
EP771	Topics in Pharmacoepidemiology: topics and Controversies	Alternating Fall (odd years)	EP711 or EP712
EP756	Drug Epidemiology	Alternating Fall (even years)	EP813 AND BS703 or consent
PM811	Health Services Research Methods	Spring	EP711 or EP712, AND BS701 or BS703, AND PM702
PM855	Cost Effectiveness Analysis and Decision Analysis	Spring	PM833, BS703, AND EP712 (EP711 with consent only)