



MPH/PHARMD 5-YEAR PROGRAM CURRICULUM

**YEAR 1**

**P1 FALL SEMESTER**

Pharmacological Therapeutics I	4
Pharmaceutical Calculations I	3
Pharmaceutical Chemistry I	3
Pharmaceutics I	3
Drug Informatics	2
Foundations of Pharmacy Practice I	3

**P1 Fall Semester Total Credits** 18

**P1 SPRING SEMESTER**

Pharmacological Therapeutics II	4
Pharmaceutical Calculations II	2
Pharmaceutical Chemistry II	3
Pharmaceutics II	3
Pharmaceutical Compounding Lab	2
Foundations of Pharmacy Practice II	3

**P1 Spring Semester Total Credits** 17

**P1 SUMMER SEMESTER**

Introductory Pharmacy Practice Experience I (IPPE 1) 4

**YEAR 2**

**P2 FALL SEMESTER**

IT 1 - Foundations of IT	2
IT 2 - Cardiology/Endocrine	4
IT Laboratory 1	2
Biostatistics/Research Methods	4
Biopharmaceutics	3
Principles of Pharmacy Admin 1	2

**P2 Fall Semester Total Credits** 17

**P2 SPRING SEMESTER**

IT 3 - Infectious Disease/Antimicrobials	4
IT 4 - Respiratory, Bone/Joint, Immunology	2
IT Laboratory 2	2
Pharmacoepi & Outcome Research	3
Pharmacokinetics	4
Applied Biostatistics	3

**P2 Spring Semester Total Credits** 18

**P2 SUMMER SEMESTER**

Introductory Pharmacy Practice Experience II (IPPE 2) 4



## YEAR 3

### P3 FALL SEMESTER

IT 5 - Oncology/Hem/Pain Palliative	3
IT 6 - GI/Renal/Critical Care	3
IT Laboratory 3	2
Pharm Jurisprudence	3
Applications for Pharmacy Practice A	1
Elective - Global Health	3
Health Care Ethics *	2

<b>P3 Fall Semester Total Credits</b>	<b>15/17</b>
---------------------------------------	--------------

### P3 SPRING SEMESTER

IT 7 - Neuro/Psych	3
IT 8 - Special Populations	3
IT Laboratory 4	2
Principles of Pharm Admin 2	2
Applications for Pharmacy Practice B	1
Professional Practice Readiness	3
Health Care Ethics*	2

<b>P3 Spring Semester Total Credits</b>	<b>14/16</b>
-----------------------------------------	--------------

### P3 SUMMER SEMESTER

Advanced Pharmacy Practice Experiences (APPE 1)

10

\*Health Care Ethics can be taken in either Fall or Spring of Year 3

Students will enter the MPH Program full-time after their Summer APPE for Year 3

## YEAR 4

### P4 FALL SEMESTER

Principles of Epidemiology	3
Health Disparities, Inequities, Inequalities, and Public Health	3
Social and Behavioral Science in Public Health	3
Public Health Elective	3

<b>P4 Fall Semester Total Credits</b>	<b>12</b>
---------------------------------------	-----------

### P4 SPRING SEMESTER

Principles of Public Health Practice	3
Public Health Policy and Management	3
Elective: Community Engagement	3
Public Health Capstone*	2

<b>P4 Spring Semester Total Credits</b>	<b>11</b>
-----------------------------------------	-----------

Students will begin Public Health Capstone Project in the Spring semester of Year 4

HOWARD UNIVERSITY COLLEGE OF PHARMACY  
MPH/PHARMD 5-YEAR PROGRAM CURRICULUM

**YEAR 4 CONTINUED**

<b>P4 SUMMER SEMESTER</b>	Environmental Health Science for Public Health	3
	Public Health Elective Outreach	4
	Public Health Capstone	2

**YEAR 5**

**P5 FALL SEMESTER**

APPE II Public Health	15
-----------------------	----

<b>P5 Fall Semester Total Credits</b>	<b>15</b>
---------------------------------------	-----------

**P5 SPRING SEMESTER**

APPE	15
------	----

<b>P5 Spring Semester Total Credits</b>	<b>15</b>
-----------------------------------------	-----------

**FIVE-YEAR PROGRAM**

<b>DOCTOR OF PHARMACY</b>	<b>152</b>
<b>MASTER IN PUBLIC HEALTH</b>	<b>38</b>

<b>TOTAL REQUIRED CREDITS</b>	<b>190</b>
-------------------------------	------------



College of  
Pharmacy