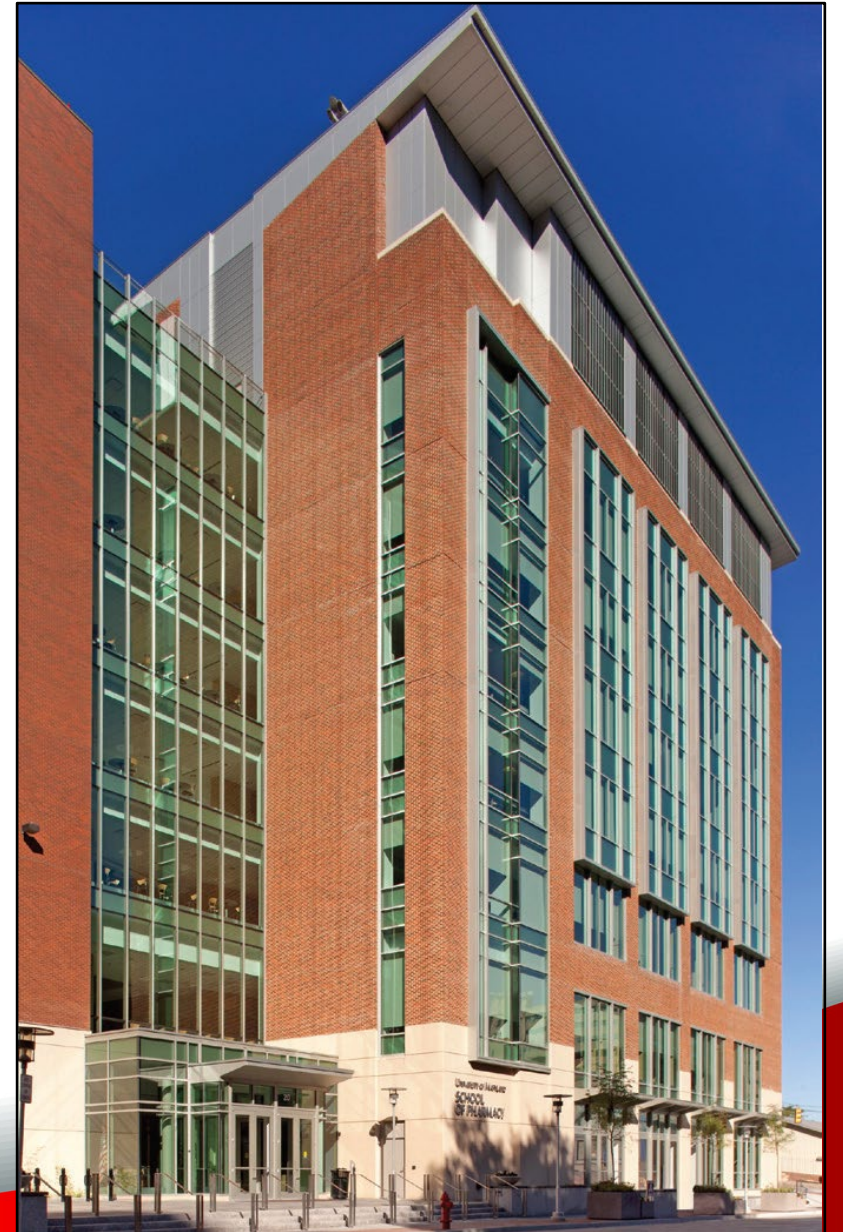


Doctor of Pharmacy



- **Fourth oldest** school of pharmacy
 - Founded in 1841
- **Top 10** in research funding
- **15th ranked** school of pharmacy by *U.S. News & World Report*
- **71 faculty** working across the spectrum of
 - Drug discovery and development
 - Advanced clinical practice
 - Health services research
- More than **7,000 alumni** connections



University of Maryland, Baltimore

The School is one of seven professional schools located at the University of Maryland, Baltimore, a thriving center for life sciences research and community service:

- School of Medicine
- School of Law
- School of Dentistry
- School of Pharmacy
- School of Nursing
- School of Social Work
- School of Graduate Studies

The University of Maryland, Baltimore shares a campus with:

- University of Maryland Medical Center
- Baltimore VA Medical Center



Pharmacists are Medication Experts

Serve as a drug scientist, medication expert, patient counselor, and critical health care resource

- **Assess** a patient's health, medications, risk factors, health literacy, and access to medications and other care.
- Develop a **medication treatment plan** in collaboration with other health care professionals
- **Educate** patients about prescription and over-the-counter medications
- Provide **wellness services**, such as smoking cessation and blood pressure monitoring
- **Trusted and highly accessible** professionals



90%
of Americans
live within a
5 mile
radius
of a pharmacy



Ranked
in the top
most
trusted
professions **3**

Career Options in Pharmacy



Cardiology Pharmacists



Compounding Pharmacists



Industry Pharmacists



Oncology Pharmacists



Psychiatric Pharmacists



Ambulatory Care Pharmacists



Community Pharmacists



Pediatric Pharmacists



Poison Control Pharmacists

Pharmapreneurship®

- Pharmapreneurship – Umbrella of our current strategic plan
- Defines our expertise, influence, and impact, such as School derived businesses and social entrepreneurs, both inclusive of health care, research, community, and policy initiatives
- We have trademarked the term *pharmapreneurship* to describe our pharmacy entrepreneurs
- Faculty and alumni have contributed to our pharmapreneurial history - creating uniform standards for the profession and for the education of future pharmacists and researchers



PharmD Curriculum Overview

Year 1

- Coursework in biomedical science, pharmaceutical chemistry, principles of drug action, and immunology, as well as professionalism, ethics, and general patient management.

Year 2

- Therapeutic decision making in each major system/disease state, as well as infectious disease therapeutics, pharmacokinetics, health policy, and weekly clinical skills training.

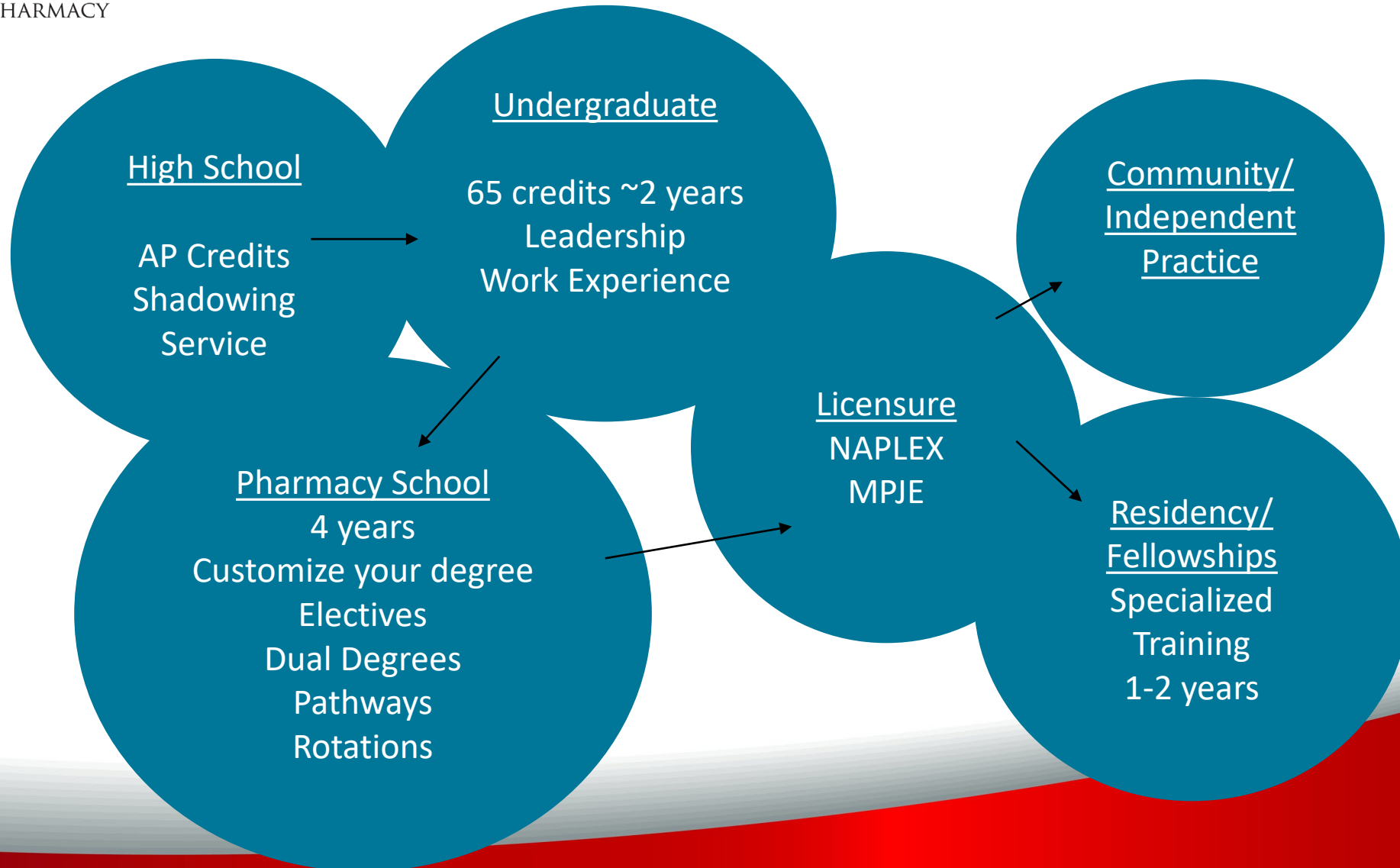
Year 3

- Pharmacotherapy of multiple disease states, pharmacy practice management, pharmaceuticals, public health pharmacy, and pharmacy law.
- Student pharmacists explore areas of interest through a wide variety of electives, pathways, and dual degrees.

Year 4

- Student pharmacists are off-campus during the entire fourth year for advanced pharmacy practice experiences.

Path to Doctor of Pharmacy



Electives and Rotations



Electives

- IPE Medication Management in **Mental Health**
- Current Concepts and Controversies in **Cardiology**
- Introduction to the **Poison Center**
- Effective **Leadership and Advocacy**
- **Pharmapreneurship** Seminar
- Advanced **Pharmacogenomics**
- **Cannabis Pharmacology** and Therapeutics
- IPE **Culinary Health** and Medicine
- Pharmacotherapy of **Solid Organ Transplantation**

Rotations

- Food and Drug Administration
- Centers for Medicare and Medicaid Services
- Community retail and independent pharmacies
- University of Maryland Medical System
- Johns Hopkins Hospital
- Public Health Service/Indian Health Service
- International experiences

Dual Degrees and Pathways

Dual Degrees

- PharmD/JD
 - UMB School of Law
- PharmD/MBA
 - University of Baltimore
 - UM Robert H. Smith School
- PharmD/MPH
 - UMB School of Medicine
- PharmD/PhD
 - Pharmaceutical Sciences
 - Pharmaceutical Health Services Research
- PharmD/MS
 - Medical Cannabis Science and Therapeutics
 - Pharmacometrics
 - Palliative Care
 - Regulatory Science

Pathways

- Geriatrics and Palliative Care
- Pharmacotherapy
- Research
- Pharmapreneurship

UMSOP Graduate Programs

Program	Degree Offered	Program Length	Delivery
Palliative Care	Certificate	1 year	Online
	MS	2 years	
	PhD	4-5 years	
Pharmacometrics	MS	2 years	Online
Pharmaceutical Health Services Research	PhD	4+ years	Baltimore
Regulatory Science	Certificate	2 years	Online
	MS		
Pharmaceutical Sciences	MS	16 months	Baltimore & Shady Grove
	PhD	4+ years	
Medical Cannabis Science and Therapeutics	Certificate	1 year	Online & Symposium at SG
	MS	2 years	



Admissions Criteria

- GPA: overall 2.5 minimum, 3.3 average
- Sixty-five (65) prerequisite credits
- Letters of reference (2-3)
 - Professional references
- Work experience
 - Pharmacy experience not required
- Extracurricular activities
 - Leadership, Volunteer
- Resume (optional)



Sample Pre-Pharm Coursework Plan

YEAR 1		YEAR 2	
FALL	SPRING	FALL	SPRING
Gen Chemistry I w/lab (4)	Gen Chemistry II w/lab (4)	Organic Chemistry I w/lab (4)	Organic Chemistry II w/lab (4)
Statistics (3)	Microbiology w/lab (4)	Human Anatomy and Physiology I (3)	Human Anatomy and Physiology II (3)
English Composition (3)	Calculus (3)	Physics I (4)	Biology II w/lab (4)
Biology w/lab (4)	Public Speaking (3)	Humanities (3)	Economics (3)
Humanities (3)	Humanities (3)		Humanities (3)

Admissions Process

- PharmCAS deadline: **April 1, 2025**
 - **Priority Deadline: Jan. 3** for priority scholarship consideration
 - Prerequisites can be in progress up until Fall of entry
- Upload new information to PharmCAS
 - Letters of recommendation
 - Fall/Spring transcripts
- Supplemental materials
 - Resume
 - Supplemental application on UMSOP website
- Submit a FAFSA
- Rolling interviews October through May



Affording your Education



- Tuition per year:
 - Maryland Resident: \$29,643
 - Non-Maryland Resident: \$47,345
 - [View Residency Policy](#)
- Most students receive financial aid
 - Combination of loans, grants, scholarships
- FAFSA application
 - Priority deadline March
 - Scholarships applied

Student Organizations

A Bridge to
Academic
Excellence

American College of
Clinical Pharmacy

Academy of
Managed Care
Pharmacy

American
Pharmacists
Association-
Academy of Student
Pharmacists

American Society of
Consultant
Pharmacists

American Society of
Health System
Pharmacists

Student Government
Association

Christian Pharmacists
Fellowship
International

American
Association of
Psychiatric
Pharmacists

Global Medical
Brigades

Industry Pharmacists
Organization

Kappa Psi

National Community
Pharmacists
Association

Phi Delta Chi

Phi Lambda Sigma

Pediatric Pharmacy
Advocacy Group

Rho Chi

Student Section of
the Maryland Public
Health Association

Student National
Pharmaceutical
Association

Students Promoting
Awareness

Support On Campus

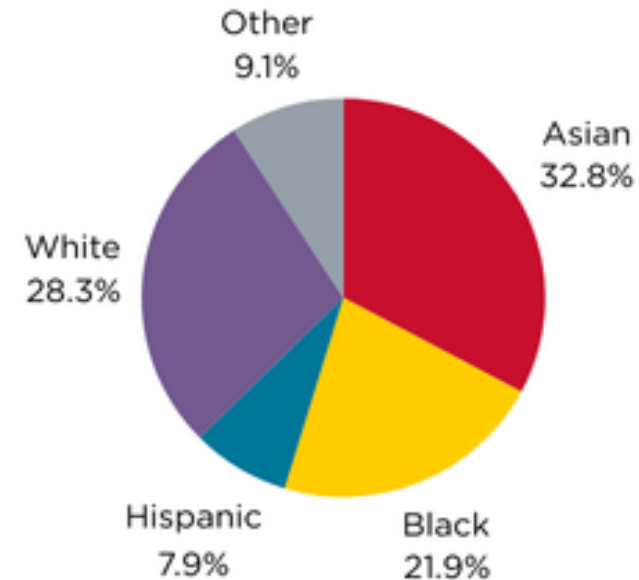
- Peer Tutoring
- Career Navigation
- Academic Advising
- URecFit & Wellness
- Housing on Campus
- Safe Walk/Safe Ride
- Student Development & Leadership
- Educational Support & Disability Services
- International Services
- Student Counseling Center
- Writing Center
- Intercultural Center



Why PharmD at UMSOP?

- Over 500 rotations, electives
- Comprehensive program
- Interdisciplinary opportunities
- Student organizations
- Diverse student population
- Location
 - Numerous hospitals, health facilities
 - NIH, FDA, US Public Health Service

DIVERSITY IN THE PHARMD PROGRAM



Sign up for more information!



pharmdassist@umaryland.edu

410-706-7653

Book a virtual appointment

Tours of PH & Campus

Campus Open House Apr. 5

