

University at Buffalo School of Pharmacy and Pharmaceutical Sciences

PharmD Program Outcome Statements

NYS Education Dept Approved Curriculum 2023

A UB PharmD pharmacy graduate is a **life-long learner** who is **passionate, accountable and independent**, and a **collaborative practitioner** with **effective communication skills**. The graduate applies a **solid foundational clinical knowledge base** to **optimize health** through **compassionate patient care centered on medication therapy management**.

Upon conferral of a Doctor of Pharmacy degree from the University of Buffalo School of Pharmacy and Pharmaceutical Sciences, pharmacist graduates will:

Oath of a Pharmacist

I will apply my knowledge, experience, and skills to the best of my ability to assure optimal outcomes for all patients.

1. Possess the knowledge and skills essential to the practice of pharmacy.

Demonstrate use of core knowledge and skills in current and emerging trends in biomedical, pharmaceutical, socio-behavioral, clinical, regulatory, and epidemiological sciences, which support exemplary pharmacy practice. (COEPA¹: 1.1 Scientific Thinking - Learner; 2.4 Person-Centered Care - Provider)

Apply an integrated knowledge of basic, preclinical, translational, and clinical sciences to patient-centered care. (COEPA¹: 2.4 Person-Centered Care - Provider)

¹ COEPA is the American Association of Colleges of Pharmacy document: **Curriculum Outcomes and Entrustable Professional Activities (COEPA) 2022**, which are statements of educational outcomes that describe what a pharmacy student should be able to do at the end of a program.

Apply effective critical thinking and problem-solving skills to patient-centered care. (COEPA¹: 2.1 Problem-Solving Process - Problem-solver)

Locate, evaluate, apply, and communicate evidence based medical and scientific research findings to direct and indirect patient care. (COEPA¹: 2.6 Medication-Use Process Stewardship - Steward)

Employ the framework of the Pharmacists' Patient Care Process to provide effective, high quality, evidence-based patient-centered care. (COEPA¹: 2.1 Problem-Solving Process - Problem-solver; 2.2 Communication - Communicator; 2.4 Person-Centered Care - Provider; 2.6 Medication-Use Process Stewardship -Steward)

2. Utilize healthcare and medication use systems to demonstrate their value within those systems.

Manage and use the resources of the health care system to best serve the needs of patients and populations. (COEPA¹: 2.6 Medication-Use Process Stewardship -Steward)

Utilize and improve the medication use system to assure the safety, effectiveness, and cost-efficiencies in providing patient-centered care. (COEPA¹: 2.6 Medication-Use Process Stewardship -Steward)

Understand methods, tools, measures, and standards related to quality of care and medication safety. (COEPA¹: 2.6 Medication-Use Process Stewardship -Steward)

¹COEPA is the **AACP Curriculum Outcomes and Entrustable Professional Activities (COEPA) 2022**, which are statements of educational outcomes that describe what a Doctor of Pharmacy (PharmD) pharmacist graduate should be able to do upon completion of an accredited pharmacy program.



Oath of a Pharmacist

I will promote inclusion, embrace diversity, and advocate for justice to advance health equity.

3. Provide culturally appropriate and socially aware pharmaceutical care which promotes inclusion, embraces diversity and advocates for justice to advance health equity.

Advocate and address health equity for diverse populations and communities. (COEPA¹: 2.2 Communication - Communicator; 2.3 Cultural and Structural Humility - Ally; 2.5 Advocacy - Advocate)

Provide holistic, culturally appropriate, patient centered care for diverse patient populations. (COEPA¹: 2.3 Cultural and Structural Humility - Ally; 2.4 Person-Centered Care - Provider)

Assess social determinants of health in the delivery of patient centered care. (COEPA¹: 2.3 Cultural and Structural Humility - Ally)

¹COEPA is the **ACCP Curriculum Outcomes and Entrustable Professional Activities (COEPA) 2022**, which are statements of educational outcomes that describe what a Doctor of Pharmacy (PharmD) pharmacist graduate should be able to do upon completion of an accredited pharmacy program.

Oath of a Pharmacist

I will hold myself and my colleagues to the highest principles of our profession's moral, ethical and legal conduct.

I will respect and protect all personal and health information entrusted to me.

4. Uphold the highest standards of professional and ethical behavior.

Demonstrate the values, attitudes and behaviors embodied by an ethical, trusted pharmacist, as highlighted in the Oath of a Pharmacist and the Pharmacist Code of Ethics. (COEPA¹: 2.9 Leadership - Leader; 3.1 Self-Awareness - Self-aware; 3.2 Professionalism - Professional)

Be professionally responsive in interactions with patients and caregivers, health care professionals, and members of society. (COEPA¹: 3.1 Self-Awareness - Self-aware; 3.2 Professionalism - Professional)

Be accountable with all legal, professional, ethical, and regulatory requirements related to pharmacy practice. (COEPA¹: 2.4 Person-Centered Care - Provider)

5. Engage responsibly and accountably within a team.

Effectively participate with an interprofessional health care team to promote safe, effective patient- and population-centered health care. (COEPA¹: 2.2 Communication - Communicator; 2.7 Interprofessional Collaboration - Collaborator)

Advance the profession of pharmacy and overall health through innovation, interprofessional team-based care. (COEPA¹: 2.1 Problem-Solving-Process - Problem-solver; 2.7 Interprofessional Collaboration - Collaborator; 2.9 Leadership - Leader)

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Oath of a Pharmacist:

I will accept the responsibility to improve my professional knowledge, expertise, and self-awareness.

6. Engage in self-reflection and independent, lifelong learning.

Develop and implement continuous professional development plans, involving-life-long learning and professional growth. (COEPA¹: 3.1 Self-Awareness -Self-aware; 3.2 Professionalism - Professional)

Oath of a Pharmacist:

I will consider the welfare of humanity and relief of suffering my primary concerns.

7. Apply principles of public health using an evidence-based approach aimed at improving health, wellness, and disease prevention.

Promote improved health, wellness and disease prevention using evidence-based population-based data. (COEPA¹: 2.3 Cultural and Structural Humility - Ally; 2.8 Population Health and Wellness - Promoter)

Practice with consideration for the welfare of humanity and relief of suffering. (COEPA¹: 2.3 Cultural and Structural Humility - Ally; 2.8 Population Health and Wellness - Promoter)

8. Provide effective and empathic communication with members of the healthcare team, patients, and their care partners.

Utilize appropriate communication approaches while interacting with patients and their care partners, health care professionals, and the public. (COEPA¹: 2.2 Communication - Communicator; 2.4 Person-Centered Care - Provider)

Demonstrate communication skills that result in effective verbal, nonverbal, and written exchanges of information with patients, care partners, and professional associates. (COEPA¹: 2.2 Communication - Communicator; 3.1 Self-Awareness - Self-aware; 3.2 Professionalism - Professional)

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Oath of a Pharmacist

I will embrace and advocate changes that improve patient care.

9. Engage in creative problem solving to advance patient care.

Advance innovations in pharmacy practice through leadership and advocacy, clinical practice, education, and / or research. (COEPA¹: 2.1 Problem-Solving Process - Problem-solver; 2.9 Leadership - Leader)

Integrate pharmaceutical science and pharmacotherapy concepts, science-based theory, and systems knowledge into the creation and assessment of new practice approaches for patient care. (COEPA¹: 1.1 Scientific Thinking - Learner; 2.1 Problem-Solving Process - Problem-solver; 2.4 Person-Centered Care - Provider)