



Student Learning Outcomes and Competencies

The Faculty of Pharmacy Program Learning Outcomes (PLOs) are defined in alignment with national & international pharmacy education standards, and describe the expected knowledge, skills, attitudes, and professional competencies that students must demonstrate upon successful completion of the program.

The curriculum is designed to ensure that graduates are prepared to enter pharmacy practice as competent, ethical, patient-centered professionals who are capable of critical thinking, evidence-based decision-making, interprofessional collaboration, and lifelong learning in a rapidly evolving healthcare environment.

Domain	Code	Program Learning Outcome (Performance-Based)	Graduate Attribute
Knowledge	K1	Apply, integrate, and synthesize knowledge of the biomedical, pharmaceutical, social/behavioral, and clinical sciences to support safe and effective patient care.	Lifelong Learner
Skills	S1	Apply critical thinking, scientific reasoning, and problem-solving skills to evaluate and address pharmaceutical and clinical practice challenges.	Critical Scientific Thinker
	S2	Communicate effectively and professionally with patients, caregivers, and interprofessional healthcare teams in Arabic and English.	Effective Communicator
	S3	Collect, analyze, interpret, and communicate data derived from scientific studies, laboratory work, or practice-based settings using appropriate tools and technologies.	Data Analyst



	S4	Demonstrate ethical reasoning and professional integrity in accordance with legal, regulatory, and professional standards in pharmacy practice.	Ethical Professional
Competencies	C1	Design, prepare, and evaluate pharmaceutical dosage forms while ensuring quality assurance and quality control in compliance with professional standards.	Pharmaceutical Manufacturing Expert
	C2	Apply information technology, digital health tools, and emerging technologies (including AI applications) to retrieve, evaluate, and communicate drug and health information.	Researcher and Digital Health Innovator
	C3	Perform medication dispensing, compounding, inventory management, and pharmacy operations in accordance with best practice standards and patient safety principles.	Pharmacy Systems Manager
	C4	Demonstrate professional responsibility and civic engagement by participating in health promotion, community service, and public health initiatives.	Responsible Citizen