

**UCDSOM GRADUATION COMPETENCIES AND EDUCATIONAL PROGRAM
OBJECTIVES LINKED TO COURSE OBJECTIVES FOR
PHA400 PHARMACOLOGY COURSE**

GRADUATION COMPETENCY I. UCDSOM graduates will provide **patient care** that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health.

EDUCATIONAL OBJECTIVES RELEVANT TO COURSE OBJECTIVES	COURSE OBJECTIVES	ASSESSMENT OF STUDENT ACHIEVEMENT OF COURSE OBJECTIVES
I. 8. Incorporate a broad knowledge of the biomedical sciences and an understanding of pathophysiology into the clinical reasoning process.	1. Learn to select the appropriated drug for a given condition based on it proven efficacy in clinical trial.	MCQ final examination. USMLE 1 results. Informal feedback from 3 rd and 4 th year preceptors.

GRADUATION COMPETENCY II: UCDSOM graduates will demonstrate **knowledge** about established and evolving biomedical, clinical, and cognate (e.g. epidemiological and social-behavioral) sciences and the appreciation of this knowledge to patient care.

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II. 5. Understands pharmacological principles of treatment using drugs and efficacy of therapeutic measures in management and symptom relief.	2. Understand the use and mechanism of action of selected drugs and how toxicity results from their use.	MCQ final examination.

GRADUATION COMPETENCY III. UCDSOM graduates will exhibit **interpersonal and communication skills** that result in effective information exchange and teaming with patients, their patients' families, and professional associates.

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III-1. Establish and maintain effective, empathetic, therapeutic doctor-patient (and patient family) relationships across a range of clinical environments and situations, optimizing the care of each patient based on their unique psychosocial and cultural milieu.	3. Appreciate that no drug can be effective if the patient is not inspired to take it as prescribed. Therefore the physician must learn to engage the patient as a partner in the health process. 4. Understand that many chronic diseases will require the patient to make life style changes in addition to drug therapy. 5. Understand what are reasonable expectations that can be obtained by effective drug therapy <i>Continued</i>	No formal assessment

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	6. Communicate to patient and/or their family the goals of therapy. The student will understand for example, the difference between cure and remission and be able to communicate this to their patients.	
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GRADUATION COMPETENCY IV: UCDSOM graduates will demonstrate a commitment to **professionalism** in carrying out their responsibilities with adherence to ethical principles, and sensitivity to a diverse patient population.

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IV-9. Demonstrate acceptance of the physician's responsibility to understand the cultural dimensions of health and illness while recognizing their own personal biases and reactions to persons from different backgrounds.	7. Learn about individual patient variability and the need to follow patients' treatments to make sure they respond appropriately to a given drug and dose. 8. Understand about variation in drug response based on gender and race. 9. Appreciate the cultural biases concerning drug treatment.	MCQ final examinations

GRADUATION COMPETENCY V: UCDSOM graduates will demonstrate knowledge of **system-based practice**, i.e., responsiveness to the larger context and system of health care and the ability to effectively call on system resources to provide care that is of optimal value.

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V-1. Understand principles of healthcare planning, triage/prioritization, and basic health care economics including types of insurance and cost controls.	10. Understand barriers to successful drug treatment including patient compliance and issues of cost and drug availability. 11. Understand the processes of drug approval and marketing.	MCQ Final Exam

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GRADUATION COMPETENCY VI: UCDSOM graduates will acquire **life-long learning skills**.

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VI.1. Demonstrate an inquisitive nature, information management skills, and critical evaluation framework necessary to sustain life-long learning.	12. Learn from an assortment of sources, including lecture, textbook reading, internet postings, group discussions, and ancillary reading and internet references	Final exam reflects success in synthesizing multiple course materials.

GRADUATION COMPETENCY VII: UCDSOM graduates will learn how to approach **practice-based learning**.

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n/a	n/a	n/a