

**UCDSOM GRADUATION COMPETENCIES AND EDUCATIONAL PROGRAM
OBJECTIVES LINKED TO COURSE OBJECTIVES FOR
CHA 402 CELL AND TISSUE BIOLOGY**

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
None	None	Not assessed in the course

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 application of this knowledge to patient care.

EDUCATIONAL OBJECTIVES RELEVANT TO COURSE OBJECTIVE	COURSE OBJECTIVE	ASSESSMENT OF STUDENT ACHIEVEMENT OF COURSE OBJECTIVE
II. 1. Understand the normal human structure and function relevant to the understanding of human disease. II. 4. Utilize a vocabulary of disease for communication to colleagues, patients and families.	1. Provide a comprehensive understanding of the basic principles of cell and tissue biology, with an emphasis on how structure explains function. To show how that basic knowledge is required to understand normal human function, and thus how perturbations explain the mechanism disease.	Students will be evaluated through written exams, and practical exams.

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.

EDUCATIONAL OBJECTIVES RELEVANT TO COURSE OBJECTIVE	COURSE OBJECTIVE	ASSESSMENT OF STUDENT ACHIEVEMENT OF COURSE OBJECTIVE
III. 2. Establish and maintain effective, collaborative professional relationships with peers, colleagues, and allied health care professionals. III. 6. Communicate with learners (students, colleagues or other professionals) as a teacher and mentor.	2. Students will be encouraged to form teams in the laboratory component of the course, and to work as groups in meeting the objectives of the labs. Students will be required to present examples to the class, of how the basic biology is required to explain the mechanism of disease.	Student performance will be evaluated by weekly quizzes and a practical exam at the end of the course.

**UCDSOM GRADUATION COMPETENCIES AND EDUCATIONAL PROGRAM
OBJECTIVES LINKED TO COURSE OBJECTIVES FOR
CHA 402 CELL AND TISSUE BIOLOGY**

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.

EDUCATIONAL OBJECTIVES RELEVANT TO COURSE OBJECTIVE	COURSE OBJECTIVE	ASSESSMENT OF STUDENT ACHIEVEMENT OF COURSE OBJECTIVE
<p>IV.1. Pursue excellence through commitments to professional competence.</p> <p>IV. 4. Recognize personal limits in knowledge, experience, ability, and resources.</p>	<p>3. Students will be presented with a variety of opportunities with which to achieve the course objectives, including lecture, lab, presentation, and self directed learning. They will demonstrate their professionalism by making the commitment to the appropriate utilization of these opportunities, to acquire the maximum level of competence rather than the minimum required to achieve a passing grade. They will have the opportunity to take the initiative and accomplish some course goals through a team approach.</p>	<p>Absence of an appropriate level of commitment to achieving educational objectives will be reported to the Dean of Student Affairs.</p>

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.

EDUCATIONAL OBJECTIVES RELEVANT TO COURSE OBJECTIVES	COURSE OBJECTIVES	ASSESSMENT OF STUDENT ACHIEVEMENT OF COURSE OBJECTIVES
Not applicable to the course	None	Not assessed in the course

**UCDSOM GRADUATION COMPETENCIES AND EDUCATIONAL PROGRAM
OBJECTIVES LINKED TO COURSE OBJECTIVES FOR
CHA 402 CELL AND TISSUE BIOLOGY**

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

EDUCATIONAL OBJECTIVES RELEVANT TO COURSE OBJECTIVE	COURSE OBJECTIVE	ASSESSMENT OF STUDENT ACHIEVEMENT OF COURSE OBJECTIVE
VI.1. Demonstrate an inquisitive nature, information management skills, and critical evaluation framework necessary to sustain life-long learning.	4. Students are presented with a range of resources: lectures, syllabus, labs, lab CDs, virtual and real microscopy. They will be examined multiple times in the course of the Block, and thus will have the opportunity to make frequent adjustments in their allocation of time, and selection of learning resources, in order to achieve course objectives.	Students will be evaluated through written quizzes and examinations. The ability to achieve mastery of the subject matter will reflect the student's capacity to allocate time, selectively utilize course resources, and self determine whether additional help is required.

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

EDUCATIONAL OBJECTIVES RELEVANT TO COURSE OBJECTIVES	COURSE OBJECTIVES	ASSESSMENT OF STUDENT ACHIEVEMENT OF COURSE OBJECTIVES
None	None	Not assessed in the course

How assessment is used to revise/improve the Course (please fill in):

“Gripe sheets” and course evaluations are used to develop fair and reasonable quizzes, exams and lecture/lab objectives; examination and quiz results are periodically correlated to student performance on standardized exams (e.g., the National Boards).