

Learning Objectives: Non-Clinical Elective
Advanced Surgical Anatomy Elective

Elective objectives: By the end of the rotation, students will be expected to:	Overarching Goals	How student's achievement of objective is assessed (assessment method)	How feedback is given (feedback method)
Define specific surgical pathology, identify relevant anatomy and discuss surgical approaches.	1, 2, 3, 4	Pre and post testing, formative feedback	Oral and Written
Apply and perform basic surgical techniques demonstrated in the course.	3, 4, 5	Pre and post testing, formative feedback	Oral and Written
Demonstrate appropriate and fiscal understanding of surgical technology aids (arthroscopy, intraoperative imaging) for treatment of treatment of pathology.	4, 5, 6	Pre and post testing, formative feedback	Oral and Written
Develop skills to diagnose surgical pathology, summarize risks and benefits based on anatomical region.	3, 4, 5, 6, 8	Pre and post testing, formative feedback	Oral and Written
Student will develop questions and appraising information (for themselves, for patients).	2, 3, 4, 7, 8	Pre and post testing, formative feedback	Oral and Written

The Overarching Goals of the curriculum serve as the foundation for our curriculum and define its content. Emphasis is placed on goals that meet the growing needs of a changing society and medical practice. A strong foundation in science provides special opportunities for students to participate in creative endeavors that foster the life-long pursuit of scholarship.

1. Health Promotion and Disease Prevention: Students apply scientific knowledge and use clinical skills to promote health and prevent disease in individuals and communities.
2. Mechanisms and Treatment of Disease: Students acquire knowledge at the molecular, cellular, organ-system, whole body, and societal levels, and integrate this knowledge with clinical science and skills to diagnose and treat disease.
3. Clinical Reasoning: Students exercise clinical judgment based on a thorough understanding of the patient, application of sound scientific principles, and knowledge of the health care systems. Clinical reasoning is learned through practice, self-reflection, and feedback
4. Patient Care: Students achieve competency in the care of patients at a level required to excel in residency.
5. Professionalism and Communication: Students demonstrate respectful and ethical behavior in all of their professional interactions and provide compassionate, empathic care to patients and families. Professionalism and communication skills are acquired through practice, self-reflection, and feedback.

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6. Responsibility to Society: Students learn to practice medicine with cultural competence and fiscal responsibility in preparation for work in a society characterized by diverse populations and economic constraints.
 7. Creation and Dissemination of Knowledge: Students manifest independent and creative thinking fostered by a collaborative graduate school environment. They perform mentored scholarly research culminating in a formal written thesis to promote critical thinking, understand the scientific method, and contribute to medical knowledge.
 8. Physician as Scientist: Students learn to approach medicine from a scientifically minded perspective and are educated and mentored by leading scientists. This prepares them for careers in biomedical science and as medical practitioners, and to become the next generation of medical scientists and leaders in academic medicine.
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