

UROLOGY (UROLOGY)

UROLOGY 910 – INDEPENDENT READING AND RESEARCH IN UROLOGY

2-8 credits.

Independent research under the direct supervision of Urology faculty. Projects are individualized to meet student research goals within the context of faculty research needs.

Requisites: MED SC-M 810, 811, 812, and 813

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: Yes, unlimited number of completions

Learning Outcomes: 1. Formulate a hypothesis or specific objective if study does not involve hypothesis-generating research

Audience: Graduate

2. Conduct a thorough literature review of the specific research question.

Audience: Graduate

3. Select and apply statistical knowledge methodologies appropriate for the proposed analyses.

Audience: Graduate

4. Interpret results correctly and in context of previous findings from literature review.

Audience: Graduate

5. Present findings.

Audience: Graduate

UROLOGY 938 – INPATIENT ACTING INTERNSHIP-UROLOGY

4 credits.

An in-depth exposure to inpatient and operative management of complicated urologic patients, under the direct supervision of a senior resident, fellows, and faculty. Function at the intern level and have an active role in inpatient management of urologic patients.

Requisites: MED SC-M 810, 811, 812, and 813

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Learning Outcomes: 1. Develop evidence-based understanding of the pathophysiology and appropriate management options for common urologic disorders.

Audience: Graduate

2. Discuss the surgical anatomy, common procedural indications, comorbidities, and prophylactic strategies to reduce post-operative complications.

Audience: Graduate

3. Summarize basic knowledge regarding common post-operative complications and the appropriate management of each.

Audience: Graduate

4. Describe indications and list the appropriate preoperative evaluations, including lab tests, radiographic imaging, and ECG.

Audience: Graduate

5. Identify and describe the use of common instruments used in surgery.

Audience: Graduate

6. Discuss common intraoperative complications associated with procedures and the appropriate management of each.

Audience: Graduate

7. Gather a history and perform a physical examination for a surgical patient.

Audience: Graduate

8. Prioritize a differential diagnosis following a clinical encounter.

Audience: Graduate

9. Recommend and interpret common diagnostic and screening tests.

Audience: Graduate

10. Enter and discuss patient orders.

Audience: Graduate

11. Document a clinical encounter in the patient record.

Audience: Graduate

12. Provide an oral presentation of a clinical encounter.

Audience: Graduate

13. Form clinical questions and retrieve evidence to advance patient care.

Audience: Graduate

14. Give or receive a patient handover to transition care responsibility.

Audience: Graduate

15. Collaborate as a member of an interprofessional team.

Audience: Graduate

16. Recognize a patient requiring urgent or emergent care and initiate evaluation and management.