### SURGERY (SURGERY)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Requisites</th>
<th>Course Designation</th>
<th>Repeatable for Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>SURGERY 699</td>
<td>INDEPENDENT STUDY</td>
<td>9 credits</td>
<td>Consent of instructor</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>Yes, unlimited number of completions</td>
</tr>
<tr>
<td>SURGERY 799</td>
<td>INDEPENDENT READING AND RESEARCH</td>
<td>9 credits</td>
<td>Consent of instructor</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>No</td>
</tr>
<tr>
<td>SURGERY 812</td>
<td>THIRD YEAR SURGERY</td>
<td>1-12 credits</td>
<td>3rd yr Med School st</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>Yes, unlimited number of completions</td>
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<tr>
<td>SURGERY 910</td>
<td>INDEPENDENT READING AND RESEARCH FOR FOURTH YEAR MEDICAL STUDENTS</td>
<td>1-12 credits</td>
<td>4th yr Med st</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>Yes, unlimited number of completions</td>
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<tr>
<td>SURGERY 919</td>
<td>INDIVIDUALIZED FOURTH YEAR CLINICAL CLERKSHIP</td>
<td>1-12 credits</td>
<td>4th yr Med st</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>Yes, unlimited number of completions</td>
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<tr>
<td>SURGERY 920</td>
<td>GENERAL SURGERY CLERKSHIP-CSC</td>
<td>2-12 credits</td>
<td>4th yr Med st</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>Yes, unlimited number of completions</td>
</tr>
<tr>
<td>SURGERY 921</td>
<td>GENERAL SURGERY CLERKSHIP-MERITER</td>
<td>2-12 credits</td>
<td>4th yr Med st</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>Yes, unlimited number of completions</td>
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<tr>
<td>SURGERY 923</td>
<td>GENERAL SURGERY CLERKSHIP-ST. MARY'S</td>
<td>2-12 credits</td>
<td>4th yr Med st</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>Yes, unlimited number of completions</td>
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<tr>
<td>SURGERY 924</td>
<td>GENERAL SURGERY CLERKSHIP-LACROSSE</td>
<td>2-12 credits</td>
<td>4th yr Med st</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>Yes, unlimited number of completions</td>
</tr>
<tr>
<td>SURGERY 925</td>
<td>GENERAL SURGERY CLERKSHIP-MARSHFIELD</td>
<td>2-12 credits</td>
<td>4th yr Med st</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>Yes, unlimited number of completions</td>
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<tr>
<td>SURGERY 926</td>
<td>GENERAL SURGERY CLERKSHIP-ST. MARY'S</td>
<td>2-12 credits</td>
<td>4th yr Med st</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>Yes, unlimited number of completions</td>
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<tr>
<td>SURGERY 927</td>
<td>GENERAL SURGERY CLERKSHIP-LACROSSE</td>
<td>2-12 credits</td>
<td>4th yr Med st</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>Yes, unlimited number of completions</td>
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<tr>
<td>SURGERY 928</td>
<td>GENERAL SURGERY CLERKSHIP-MARSHFIELD</td>
<td>2-12 credits</td>
<td>4th yr Med st</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>Yes, unlimited number of completions</td>
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<tr>
<td>SURGERY 929</td>
<td>PEDIATRIC SURGERY</td>
<td>4 credits</td>
<td>3rd or 4th yr Med st</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>Yes, unlimited number of completions</td>
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<tr>
<td>SURGERY 930</td>
<td>SURGERY FOR THE NON-SURGEON</td>
<td>1-12 credits</td>
<td>SURGERY 812</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>Yes, unlimited number of completions</td>
</tr>
</tbody>
</table>

The student will select four areas of interest from a "menu" of surgical specialties. Through clinic (not operative or inpatient) experiences, it is hoped the student will develop clinical skills in diagnosis, screening, prevention, etc. as it relates to surgical disease. The surgical librarian and faculty will guide the student through a case(s) utilizing EBM research.

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<tr>
<td>SURGERY 929</td>
<td>PEDIATRIC SURGERY</td>
<td>2-4 credits</td>
<td>4th yr Med st</td>
<td>Grad 50% - Counts toward 50% graduate coursework requirement</td>
<td>Yes, unlimited number of completions</td>
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</table>
As a Surgery Acting Intern (AI), you will have primary responsibility for patients actionable in four domains: 1. Management: As an AI, you will develop management and treatment plans based on your history, physical exam, targeted data, and expected postoperative course. 2. Communication: AIs will communicate with colleagues, primary care providers and consultants. AIs will demonstrate thorough patient hand-offs, and communicate concise discharge summaries that will be integral to patient care. 3. Learning: Patient care will be the central guide for learning, directing reading, consultation and research. AIs will formulate questions based upon clinical dilemmas, research the appropriate literature and databases to find the answers, and apply findings to the care of individual patients. 4. Organization: As the primary inpatient provider for patients, AIs will develop efficiency in accomplishing the day to day tasks necessary for the coordination and management of patient care.

**Requisites:** Declared in the Medical program with 4th year standing

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

**Repeatable for Credit:** No

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**SURGERY 939 — ADULT ORTHOPEDICS FOR THE FUTURE ORTHOPEDIST CLERKSHIP-CSC**

2-12 credits.

**Requisites:** 4th yr Med st

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

**Repeatable for Credit:** Yes, unlimited number of completions

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**SURGERY 940 — ADULT ORTHOPEDICS FOR THE NON-ORTHOPEDIST CLERKSHIP-CSC**

2-12 credits.

**Requisites:** 4th yr Med st

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

**Repeatable for Credit:** Yes, unlimited number of completions

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**SURGERY 941 — ADULT ORTHOPEDICS AND FRACTURES-VAH**

2-12 credits.

**Requisites:** 4th yr Med st

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

**Repeatable for Credit:** Yes, unlimited number of completions

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**SURGERY 944 — UPPER EXTREMITY ORTHOPAEDIC CLERKSHIP-MARSHFIELD CLINIC**

2-12 credits.

Clinical elective for fourth year medical students.

**Requisites:** 4th yr Med st

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

**Repeatable for Credit:** Yes, unlimited number of completions

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**SURGERY 948 — OTOLARYNGOLOGY CLERKSHIP-CSC**

2-12 credits.

**Requisites:** 4th yr Med st

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

**Repeatable for Credit:** Yes, unlimited number of completions

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**SURGERY 949 — CLINICAL OTOLARYNGOLOGY CLERKSHIP-LACROSSE**

2-12 credits.

**Requisites:** 4th yr Med st

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

**Repeatable for Credit:** Yes, unlimited number of completions

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**SURGERY 954 — PERIPHERAL VASCULAR CLERKSHIP-CSC/VAH**

2-12 credits.

**Requisites:** 4th yr Med st

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

**Repeatable for Credit:** Yes, unlimited number of completions

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**SURGERY 956 — PLASTIC AND RECONSTRUCTIVE SURGERY CLERKSHIP-CSC**

2-12 credits.

**Requisites:** 4th yr Med st

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

**Repeatable for Credit:** Yes, unlimited number of completions

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**SURGERY 957 — PLASTIC SURGERY-MARSHFIELD**

2-12 credits.

**Requisites:** 4th yr Med st

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

**Repeatable for Credit:** Yes, unlimited number of completions

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**SURGERY 960 — TRANSPLANTATION CLERKSHIP-CSC**

2-12 credits.

**Requisites:** 4th yr Med st

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

**Repeatable for Credit:** Yes, unlimited number of completions

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**SURGERY 961 — BURN SURGERY CLERKSHIP (CSC)**

2-12 credits.

Clinical elective for fourth year medical students.

**Requisites:** 4th yr Med st

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

**Repeatable for Credit:** Yes, unlimited number of completions
SURGERY 962 — CRITICAL CARE SURGERY-CSC
2-12 credits.
Clinical elective for fourth year students.
Requisites: 4th yr Med st
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions

SURGERY 963 — CARDIAC SURGERY CLERKSHIP-CSC
2-12 credits.
Requisites: 4th yr Med st
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions

SURGERY 964 — THORACIC SURGERY CLERKSHIP-CSC
2-12 credits.
Requisites: 4th yr Med st
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions

SURGERY 967 — UROLOGY CLERKSHIP-CSC
2-12 credits.
Requisites: 4th yr Med st
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions

SURGERY 968 — UROLOGY FOR THE FUTURE PEDIATRICIAN
2-4 credits.
Clinical urology clerkship for 4th year medical students interested in pursuing a career in pediatrics. Most of the student's time will be spent seeing patients with faculty and residents in the outpatient Urology Clinic at AFCH. However, if students wish to also observe or participate in the Operating Room, they are welcome to do so. Operating Room participation is not expected. Additionally, students will attend weekly educational urologic conferences and will meet in small group sessions with urology faculty for case-based discussions. It is expected that students use evidence based medicine in their case discussions. Students are expected to be clinically active 5 full days per week. Morning and evening rounding are not expected.
Requisites: Successful completion of SURGERY 812, Third Year Surgery Clerkship
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

SURGERY 969 — UROLOGY FOR THE FUTURE PRIMARY CARE PROVIDER
2-4 credits.
Outpatient clinical urology clerkship for 4th year medical students interested in pursuing a career in primary care. Most of the student's time will be spent seeing patients with faculty and residents in the outpatient Urology Clinic at UWHC. However, if students wish to also observe or participate in the Operating Room, they are welcome to do so. Operating Room participation is not expected. Additionally, students will attend weekly educational urologic conferences and will meet in small group sessions with urology faculty for case-based discussions. It is expected that students use evidence based medicine in their case discussions. Students are expected to be clinically active 5 full days per week. Morning and evening rounding are not expected.
Requisites: Successful completion of SURGERY 812, Third Year Surgery Clerkship
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

SURGERY 970 — UROLOGY FOR THE FUTURE OBSTETRICIAN/GYNECOLOGIST
2-4 credits.
Outpatient clinical urology clerkship for 4th year medical students interested in pursuing a career in Obstetrics/Gynecology. Most of the student's time will be spent seeing patients with faculty and residents in the outpatient Urology Clinic at UWHC. However, if students wish to also observe or participate in the Operating Room, they are welcome to do so. Operating Room participation is not expected. Additionally, students will attend weekly educational urologic conferences and will meet in small group sessions with urology faculty for case-based discussions. It is expected that students use evidence based medicine in their case discussions. Students are expected to be clinically active 5 full days per week. Morning and evening rounding are not expected.
Requisites: Successful completion of SURGERY 812, Third Year Surgery Clerkship
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
SURGERY 971 — ACCELERATED SKILLS FOR SURGICAL INTERNSHIP
2 credits.

Finishing fourth year students with plans to begin surgical internships. The course is aimed at those who will begin a general surgical internship year or a preliminary internship year but is open to those who are beginning other surgical specialties as well (orthopedics, ENT, plastic surgery, and urology). The primary goal of this course is to better prepare students for the basic expectations of surgical internship. Our specific learning objectives are as follows: A.Patient Assessment Skills a.To learn to admit a surgical patient, with an emphasis on note and order writing b.To evaluate a preoperative patient in the surgical clinic c.To dictate clinic notes, operative notes, and discharge summaries efficiently d.To give a precise yet thorough presentation of a new patient to surgical faculty e.To learn to address common floor complaints of the postoperative patient (e.g. fever, chest pain, shortness of breath, confusion, tachycardia, hypotension etc) f.To learn to evaluate common postoperative laboratory abnormalities (e.g. anemia, hyponatremia, thrombocytopenia, hypercarbia etc.) g.To interpret basic imaging studies independently, with an emphasis on CXR, abdominal CT and abdominal plain films B.Student Technical Skills: a.To place a peripheral IV, arterial blood gas, and arterial line b.To place a central venous catheter c.To perform properly a needle and tube thoracostomy d.To excise a skin lesion with appropriate closure e.To place a surgical airway f.To perform a hand sewn and stapled bowel anastomosis g.To perform a vascular anastomosis h.To identify and use basic surgical instruments C.Student Knowledge Base and Practical Skills a.To review basic surgically relevant anatomy (neck, chest, abdomen and pelvis) b.To review and identify common postoperative complications c.To manage the routine daily postoperative care of a general surgical patient d.To learn to interact appropriately with nursing staff, consulting services, radiology, pathology and ancillary staff e.To learn how to be involved in patient care in the operating room environment f.To be able to adequately prepare and consent a patient for the OR (i.e. understand the "preop" basics) g.To identify when to ask for help from senior residents and staff.

Requisites: SURGERY 812 (3rd Year Core Clerkship)
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

SURGERY 972 — INTERPROFESSIONAL SIMULATION TEAM IMMERSION COURSE
2 credits.

The Inter Professional Simulation Team Immersion Course is a highly interactive, hands-on multidisciplinary course. Students from up to 5 professional disciplines will learn together and practice healthcare case scenarios on high fidelity manikins. Topics discussed include: Healthcare Ethics, leverage the unique roles of interprofessional partners, effective team performance, crisis resource management, clinical dilemmas and critical thinking to improve the quality of patient-centered care, minimize healthcare errors, and positively impact health outcomes. This course uses clinical simulation where communication skills and clinical skills can be learned practiced in a safe realistic setting that encourages feedback, reflection, and skill mastery. Consent of instructor for other health professional students

Requisites: Medical Students must have 3rd year standing and have completed at least two of the following: MEDICINE 812, Senior Medical Program 812, Pediatrics 812, ObsGym 812, SURGERY 812.
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

SURGERY 973 — OPTIMIZING VALUE, QUALITY AND SAFETY IN HEALTHCARE: A CASE STUDY IN SURGERY
2 credits.

Fourth year medical students will follow patients longitudinally from clinic to discharge (including rehabilitation and home health care) and consider how these important concepts are encountered and impact care in the clinical arena. The overall strategy for this clerkship is to offer students an opportunity to follow two to four patients from the clinic, to the operating room and through their postoperative course. The concepts covered in this course will be generalizable to other disciplines.

Requisites: SURGERY 812
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

SURGERY 974 — PATIENT EDUCATION AS A STRATEGY FOR ADVOCACY
2 credits.

Students will develop knowledge of how people learn and adult learning principles and how these apply to medicine as well as learn and practice effective interpersonal communication techniques. Students will reflect on their own strategies they use to communicate with patients and develop and implement a plan to improve their communication with patients. Students will reflect on how effective communication and patient education allows physicians to act as advocates for their patients and discuss barriers to patient education and discuss strategies to mitigate those barriers. Finally, students will gain insight into communication and education strategies for patients with communication issues.

Requisites: Declared in the Medical program with 4th year standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

SURGERY 975 — MULTIDISCIPLINARY APPROACHES TO COLON CANCER PREVENTION/TREATMENT
2 credits.

The reasons behind the failure of colorectal cancer screening programs are many and complex. The proposed course will explore the reasons behind these failures as well as teach the students the standard of care for prevention, diagnosis, and treatment of colorectal cancer. We will expose students to all facets of the disease and actively engage them in dialogue to improve screening programs colorectal cancer. Through this broad exposure, the student will identify methods to improve medical care and population health. We will also provide the students with the background to enable them to begin to integrate emerging information on individual’s biologic and genetic risk with population-level factors when deciding upon prevention and treatment options. By working with the various members of the healthcare team involved in treating colorectal cancer and educate the public on the importance of colorectal cancer screening. In general, the student will spend two weeks participating in activities with gastroenterology, oncology, radiation oncology, colorectal surgery and radiology. This course is intended for students in Phase 3 of the MD program.

Requisites: Declared in Medical program
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2017