<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</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</td>
<td>Consent of instructor</td>
<td>Level - Advanced</td>
<td>Yes, unlimited number of completions</td>
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<tr>
<td>SURGERY 799</td>
<td>INDEPENDENT READING AND RESEARCH</td>
<td>9</td>
<td>Consent of instructor</td>
<td>Level - Advanced</td>
<td>No</td>
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<tr>
<td>SURGERY 812</td>
<td>THIRD YEAR SURGERY</td>
<td>1-12</td>
<td>3rd yr Med School</td>
<td>Level - Advanced</td>
<td>Yes, unlimited number of completions</td>
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<td>SURGERY 910</td>
<td>INDEPENDENT READING AND RESEARCH FOR FOURTH</td>
<td>1-12</td>
<td>4th yr Med st</td>
<td>Level - Advanced</td>
<td>Yes, unlimited number of completions</td>
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<td></td>
<td>YEAR MEDICAL STUDENTS</td>
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<td>SURGERY 919</td>
<td>INDIVIDUALIZED FOURTH YEAR CLINICAL CLERKSHIP</td>
<td>1-12</td>
<td>4th yr Med st</td>
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<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</td>
<td>4th yr Med st</td>
<td>Level - Advanced</td>
<td>Yes, unlimited number of completions</td>
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<tr>
<td>SURGERY 921</td>
<td>GENERAL SURGERY CLERKSHIP-MERITER</td>
<td>2-12</td>
<td>4th yr Med st</td>
<td>Level - Advanced</td>
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<tr>
<td>SURGERY 923</td>
<td>GENERAL SURGERY CLERKSHIP-ST. MARY’S</td>
<td>2-12</td>
<td>4th yr Med st</td>
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<td>Yes, unlimited number of completions</td>
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<td>SURGERY 924</td>
<td>GENERAL SURGERY CLERKSHIP-LACROSSE</td>
<td>2-12</td>
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<td>Level - Advanced</td>
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<td>SURGERY 925</td>
<td>GENERAL SURGERY CLERKSHIP-MARSHFIELD</td>
<td>2-12</td>
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<td>Level - Advanced</td>
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<td>SURGERY 926</td>
<td>SURGERY FOR THE NON-SURGEON</td>
<td>2-4</td>
<td>4th yr Med st</td>
<td>Level - Advanced</td>
<td>Yes, unlimited number of completions</td>
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<td>SURGERY 929</td>
<td>PEDIATRIC SURGERY</td>
<td>2-4</td>
<td>4th yr Med st</td>
<td>Level - Advanced</td>
<td>Yes, unlimited number of completions</td>
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</table>

The student will select four areas of interest from a "menu" of surgical specialties. Through clinical (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.
SURGERY 938 — ACTING INPATIENT INTERNSHIP - SURGERY
4 credits.

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

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

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

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

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

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

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

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

SURGERY 955 — 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

SURGERY 956 — 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

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

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
eyear 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 clinical 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
glucose, 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
give consent to 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
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, ObsGyn 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