

DEPARTMENT OF SURGERY

Mercer University Medical Center
4700 Waters Avenue
Savannah, Georgia 31404
912-350-5900

Course Number	Course Name
SUR.S01	Advanced General Surgery
SUR.S02	Trauma Surgery
SUR.S05	Colorectal Surgery
SUR.S06	Neurosurgery
SUR.S12	Plastic Surgery
SUR.S18	Breast Surgery
SUR.S19	Minimally Invasive Surgery and Bariatric Surgery

***International Students must submit a CV as part of the approval process for all surgery elective rotations.**

ADVANCED GENERAL SURGERY

SUR.S01

DURATION:	2-4 Weeks
ENROLLMENT:	1 student
VISITING STUDENTS:	Yes
PCR MAJORITY:	Yes

PREREQUISITE: Successful completion of all third year clerkships

SUR.S01: General Surgery Faculty

*Please contact Debbie Brickner, Medical Student Program
Coordinator, 912-350-8076 for additional information.*

DESCRIPTION:

The student is assigned to a member of the Surgery Faculty who serves as preceptor. The goal is to provide a well-rounded experience in surgery. Each student will be assigned to a surgical teaching service and will work with the residents on that service under the supervision of the attending surgeon and faculty. The student will be allowed in-hospital call every third or fourth night and given the opportunity for evaluation of emergency surgical consultations early in the patients hospital stay in order to prepare the student for internship. In Savannah, student will be assigned to a specific faculty member.

OBJECTIVES:

- To provide a well-rounded experience in surgery
- To improve acumen in history taking, physical examination, and diagnostic modalities as applied to surgery
- To scrub on surgical cases so as to improve skill, knowledge, and technique of surgical procedures
- To learn what gross pathology is presented at surgery
- To learn to evaluate preoperatively the status of the patient as regards his ability to withstand the contemplated procedure and anesthetic
- To assist in postoperative care such as dressings, drains, gastrointestinal tubes, venous access lines, etc.
- To learn proper treatment and evaluate the results and follow-up care of surgical patients
- To better prepare for a surgical internship

EVALUATION:

The Surgery Faculty, on the basis of performance, skill, knowledge, and attitude will evaluate the student. The degree of responsibility will be determined by student progress during the clerkship.

SENIOR STUDENT TRAUMA ROTATION

SUR.S02

DURATION:	2-4 Weeks
ENROLLMENT:	1 Student
VISITING STUDENTS:	Yes (must be approved by Chief of Trauma Services)
PCR MAJORITY:	Yes

PREREQUISITE: Successful completion of all third year clerkships

SUR.S02: M. Gage Ochsner, M.D. Report at 6:00 AM on the first day of the rotation to the Chief Resident of Trauma Services.

Please contact Debbie Brickner, Medical Student Program Coordinator, 912-350-8076 for additional information.

DESCRIPTION:

The student will be assigned to the Chief of the Trauma Service and be responsible to him/her. The experience will include trauma call, trauma surgery, patient care in the trauma intensive care unit, and patient care in the outpatient clinics. Lectures on trauma care and trauma system development will be included.

OBJECTIVES:

- To give the student an understanding of the principles and practice of care of the multiple injured patient
- To participate in operations in order to improve skill, knowledge, and technique of surgical procedures
- The student should gain an understanding of the importance of the trauma care system development in pre-hospital care of the trauma patient

EVALUATION:

Evaluation will be by direct observation by the preceptor and also by standardized written tests at the end of the rotation.

COLORECTAL SURGERY

SUR.S05

DURATION:	2-4 Weeks
ENROLLMENT:	1 student
VISITING STUDENTS:	Yes (Must be pre-approved by Department)
PCR MAJORITY:	Yes

PREREQUISITE: Successful completion of all third year clerkships

SUR.S05: S. Alan Lord, M.D., Patrick Hammen, M.D., Savannah Colon and Rectal Surgery, Ste 103, Provident Bldg., Savannah, Georgia.

Please contact Debbie Brickner, Medical Student Program Coordinator, 912-350-8076 for additional information.

DESCRIPTION:

The goal is to provide a comprehensive experience in colorectal surgery which includes diagnosis of anal/rectal disease, inflammatory diseases of the colon and their extra colonic manifestations, endoscopy of the lower G.I. tract, as well as treatment of common injuries.

OBJECTIVES:

- To provide a well-rounded experience to the surgical care of colorectal disease
- To improve the acumen in history taking, physical exam, and diagnostic modalities as applied to colorectal surgery
- To participate in operations in order to improve skill, knowledge, and technique of surgical procedures
- To understand the clinical correlation of gross pathology in colon and rectal disease
- To learn to evaluate the preoperative status of the patient as regards to their ability to undergo the planned procedure and anesthesia as well as adaptation following surgery
- To assist in post-operative care
- To learn proper treatment, evaluation, and result of long term follow-up of patients, particularly long-term evaluation of patients with colon and rectal diseases, both inflammatory and malignant

EVALUATION:

The preceptor, on the basis of performance, skill, knowledge, and attitude will evaluate the student. The degree of responsibility will be determined by student progress during the clerkship.

NEUROSURGERY

SUR.S06

DURATION:	2-4 Weeks
ENROLLMENT:	1 Student
VISITING STUDENTS:	Yes
PCR MAJORITY:	Yes

PREREQUISITE: Successful completion of all third year clerkships

SUR.S06: J. Underwood Howington, M.D., Will Thompson, M.D.,
Neurological Institute, 4 Jackson Blvd., Savannah, Georgia.

*Please contact Debbie Brickner, Medical Student Program
Coordinator, 912-350-8076 for additional information.*

DESCRIPTION:

The student is assigned to a member of the Neurosurgery Faculty who will serve as preceptor. The student is assigned responsibility for selected patients for neurological work-up and for daily evaluation and progress notes. He/she is expected to attend daily conferences. Subjects will be assigned for teaching sessions with a member of the Neurosurgery Faculty. He/she is expected to scrub and observe neurological surgical procedures.

OBJECTIVES:

- To allow the student to familiarize himself/herself with the more common neurological and neurosurgical disorders
- To gain confidence and competence in performing an adequate neurological examination
- To become familiar with the various neurosurgical investigative methods, indications, and limitations of each
- To learn proper treatment, evaluation, and diagnosis of nervous system trauma, neoplasm, vascular disease, hydrocephalus, and congenital disorders

EVALUATION:

The preceptor, on the basis of performance, skill, knowledge, and attitude will evaluate the student. The degree of responsibility will be determined by student progress during the clerkship.

PLASTIC SURGERY**SUR.S12**

DURATION:	2-4 weeks
ENROLLMENT:	1 Student
VISITING STUDENTS:	Yes
PCR MAJORITY:	Yes

PREREQUISITE: Successful completion of all third year clerkships

SUR.S12: John Paletta, M.D., 5361 Reynolds Street, Savannah, GA

Please contact Debbie Brickner, Medical Student Program Coordinator, 912-350-8076 for additional information.

DESCRIPTION:

The student is assigned to a plastic surgery team. The goal is to provide a comprehensive experience in plastic surgery. This would include preoperative evaluation, radiographic diagnosis, etc.

OBJECTIVES:

- To provide a well-rounded exposure to the specialized care of plastic surgery and the common problems encountered
- To improve acumen in history taking, physical examination, and diagnostic modalities as applied to surgery
- To participate in operations to improve skill, knowledge, and technique of surgical procedures
- To learn to evaluate preoperatively the status of the patient as regards his ability to withstand the contemplated procedure and anesthetic
- To assist in postoperative care

EVALUATION:

The Surgery Faculty, on the basis of performance, skill, knowledge, and attitude will evaluate the student. The degree of responsibility will be determined by student progress during the clerkship.

BREAST SURGERY

SUR.S18

DURATION:	2-4 Weeks
ENROLLMENT:	1 Student
VISITING STUDENTS:	Yes
PCR MAJORITY:	Yes

PREREQUISITE: Successful completion of all third year clerkships

SUR.S18 Ray Rudolph, MD, Center For Breast Care, Suite 405, CAM Bldg., MUMC.
Please contact Debbie Brickner, Medical Student Program Coordinator, 912-350-8076 for additional information.

DESCRIPTION:

This course involves a combination of clinical hands-on and didactic experience under the direct tutelage of Dr. Rudolph. The student will be involved in clinical exposure relating to breast disease with history taking, cancer risk assessment, breast and lymph node exams, review and evaluation of imaging studies (mammography, and ultrasonography), assessment of the patient's total disease presentation, and planning for treatment. The student will see patients in the private office setting, in clinic, and in the OR.

OBJECTIVES:

- Course will have specified learning objectives concerning knowledge, skills, and student responsibilities
- Knowledge will be gained by one-on-one interface with Dr. Rudolph on a daily basis with constant teaching, explanations, questioning, and advice. The student will be expected to familiarize him/herself with the standard texts and literature related to breast disease and attendance at the multi-specialty Breast Tumor Board every other week
- Skills training will be offered in breast evaluation, history taking, cancer risk assessment, breast and nodal exam, imaging interpretation and evaluation, tissue sampling with core needle and open biopsy technique, with and without ultrasound guidance, mastectomy ranging from lumpectomy to modified radical mastectomy, sentinel node sampling, and vascular access port placement
- Responsibilities will include rounding on inpatients, examining and evaluating office and clinic patients, documenting work done, and having chart notes co-signed by the attending physician

BREAST SURGERY (Cont'd)
SUR.S18

EVALUATION:

Course will have evaluation criteria concerning knowledge, skills, attitude, attendance, professionalism, etc.

- Methods of evaluation for the course:
 - Subjective conversations and questioning on a daily basis with the preceptor, other surgical attendings, and surgical residents. The student will be in the preceptor's presence for the majority of each work day
 - Papers and/or presentations will be expected by the student. The student will present cases encountered in the preceptorship with adequate data researched and prepared to give a presentation on a breast related topic at one Thursday Resident teaching conference.
 - Examination will be on going with evaluation of daily interactions with the student and the preceptor, with direct feed-back between Dr. Rudolph and the student. If deemed necessary by Dr. Rudolph, a final oral examination will be given at the end of the preceptorship

MINIMALLY INVASIVE SURGERY AND BARIATRIC SURGERY

SUR.S19

DURATION:	2-4 Weeks
ENROLLMENT:	1 Student
VISITING STUDENTS:	Yes with prior approval
PCR MAJORITY:	Yes

PREREQUISITE: Successful completion of all third year clerkships

SUR.S19: Oliver Whipple, M.D., John D. Angstadt, M.D. Savannah Colon and Rectal Surgery, Suite 103, Provident Building, Savannah, Georgia

Please contact Debbie Brickner, Medical Student Program Coordinator, 912-350-8076 for additional information.

DESCRIPTION:

The student will be exposed to all aspects of the multidisciplinary care of bariatric patients. This will include preoperative evaluation, operative management, surgical options, inpatient postoperative care, and outpatient follow up. In addition to bariatrics the student will be exposed to all aspects of minimally invasive gastrointestinal surgery and hernia surgery.

OBJECTIVES:

- To expose the student to the care and management of the morbidly obese. This elective will also expose the student to the key principles of minimally invasive surgery

EVALUATION:

The preceptor will evaluate patients experience on the clinical service, patient interaction, intraoperative exposure, and fund of knowledge.