Applications will be accepted beginning February 1st of Year III for USC students and beginning May 1st for non-USC students. Applications will be accepted on a first-come, first-served basis.

**PREREQUISITE:** Surgery Clerkship

**DURATION:** 4 weeks

**DATES OFFERED:** All Year, except mid-Dec to Jan 1st.

**Rotations scheduled:** Every 4 weeks consecutively

**NUMBER OF STUDENTS:** 2

**VISITING STUDENTS:** Yes

**INTERNATIONAL STUDENTS:** On a case by case basis Student CV required

**SUPERVISION:** 90% Faculty  
10% Residents

**CALL SCHEDULE:** No night call

**INSTRUCTION:** 40% Supervised Patient Care  
20% Attending Rds/Small Grp Discussion  
15% Independent Study  
15% Lectures  
10% PowerPoint Presentations

**Course Objectives:**
At the end of the course student will be able to:

1. Discuss ICU monitoring: Swan Ganz catheters, central lines and arterial monitoring.

2. Care for the patient in respiratory failure, ventilator management. ARDS, use of nitric oxide and interpretation of ABG's.

3. Discuss infections in the ICU: pneumonia, Line sepsis and line care, MRSA and VRE infections, infections in the transplant patient, Early care of the septic patient per CDC Guidelines.

4. Discuss early postoperative care of the critically ill patient secondary to elective surgery: management of the esophagectomy patient, management of the liver transplant patient, management of other patient's status after abdominal surgery.

5. Discuss nutrition in the ICU: TPN use, enteric feeding, calorie and protein requirements.


7. Discuss support of the cardiovascular system: use of pressor, use of isotropic agents, and controversies in resuscitation fluids.

8. Discuss sedation and pain control.

**DESCRIPTION:**
The medical student rotation will focus on the care of non-trauma, non-cardiac postoperative surgical patients. The students will round daily with a critical care attending physician. The student will be required to give two 10-15 minutes presentations on critical care topics.

**EVALUATION:**
Students will be evaluated on their effort, proficiency, professional behavior, and participation during rounds and in the operating room. All SICU faculty will evaluate the individual student and the faculty preceptor will summarize overall performance on the student evaluation form.

* **Selective Attendance and Illness Policy**

In order to insure adequate clinical exposure, no more than 3 days of excused absences (to include official Holidays) can be accepted during a selective. This policy does not imply that absences are guaranteed; absences may be excused at the discretion of the faculty. Absence due to illness must be reported to the faculty or his/her designee as soon as possible. In case of extended absence (2 days or more), a note from a physician (who is not a relative) is required and the absence will be reported to the Office of Student Affairs. A physician note may be requested for any absence, at the discretion of the faculty.

Students will generally be required to make up days before a passing grade can be assigned. All absences must be excused and any planned absence must be registered with the preceptor prior to the first day of the selective. Students should take vacation time if he/she anticipates a need for more than 3 absences during a selective. USMLE and BLS/ACLS will not be considered excused absences.