

# ANESTHESIOLOGY (ANES)

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**ANES 352: Anesthesiology Selective**

Students will learn aspects of anesthesiology that should be understood by all practicing physicians. Preoperative evaluation, choice of appropriate anesthetic techniques, and postanesthetic problems that may develop are covered. Operating room experience demonstrates mask ventilation, the use of airway adjuncts, and endotracheal intubation. Offered at Thomas Jefferson University Hospital. (3 week clerkship)

**College:** Sidney Kimmel Medical College

**Schedule Type:** Clinical

**ANES 401: General Anesthesia Sub-I**

This comprehensive elective introduces the medical student to preoperative evaluation, intraoperative, and postoperative anesthesia management of surgical patients. Emphasis is placed on the principles of anesthesia (general and regional), physiology of various organ systems, anesthetic pharmacology and hemodynamic monitoring. The medical student works as a member of the anesthesia care team, interacting with staff anesthesiologists and residents. Hands on technical experience of establishing intravenous access, noninvasive/invasive hemodynamic monitoring, various airway management and regional anesthesia techniques are taught under close staff supervision. The operating room teaching is supplemented by twice weekly lectures. During their rotation, students do not have any overnight call obligations. The last week of rotation can be spent in the subspecialty of the student's choice, i.e. cardiac, neurosurgery, obstetrics anesthesia or acute pain management.

**College:** Sidney Kimmel Medical College

**Schedule Type:** Clinical, Lab, Lecture

**ANES 402: Regional Anesthesia Sub-I**

This course introduces medical students to the different applications of regional anesthesia techniques for intraoperative and postoperative patient management. Students work with residents, fellows and attendings and get exposure to a variety of regional techniques and their surgical applications. Basics of ultrasound are taught. Hands on experience with performing nerve blocks on phantom models, are provided. Students are expected to make a 10-15 minute oral presentation on a relevant topic during their last week of rotation.

**College:** Sidney Kimmel Medical College

**Schedule Type:** Clinical, Lab, Lecture

**ANES 403: Acute Pain Management**

**College:** Sidney Kimmel Medical College

**Schedule Type:** Clinical, Lab, Lecture

**ANES 404: Surgical Critical Care**

**College:** Sidney Kimmel Medical College

**Schedule Type:** Clinical, Lab, Lecture

**ANES 405: Chronic Pain Management**

**College:** Sidney Kimmel Medical College

**Schedule Type:** Clinical

**ANES 425: Research- Anesthesiology**

Departmental research is scheduled after consultation with the department and approval of a research project. Students may complete up to 12 credits (or 8 weeks) of research in Phase 3. Students wishing to count their research project towards the SI requirement in Phase 3, must receive permission from the SI Director and complete a capstone project.

**College:** Sidney Kimmel Medical College

**Schedule Type:** Clinical

**ANES 498: Anesthesiology Away Elective**

**College:** Sidney Kimmel Medical College

**Schedule Type:** Clinical