

# ANESTHESIOLOGY (ANES)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, please contact the School of Medicine student records coordinator (natalie.harper@louisville.edu).

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

### ANES 816. Special Project-Anesthesiology 1-16 Units

**Description:** This course is to be arranged to fit individual needs to cover topics of current interest or to participate in research projects or to receive some advanced training.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ANES 860. Introduction to Anesthesiology 2 Units

**Description:** This elective course seeks to introduce the second-year student to anesthesiology and related areas of patient care in the setting of the operating room. Short reading assignments will augment the clinical experience and explore the relationship between pharmacology, physiology and routine anesthetic care.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

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### ANES 865. Introduction to Pain Management 1 Unit

**Description:** Second-year elective. This is an introduction to comprehensive management of pain, which includes the techniques and methods for the diagnosis and treatment of acute and chronic pain. This comprehensive approach will be shown in the Pain Clinic on multidisciplinary aspects of the pain control and management including the psychosocial aspects.

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### ANES 905. Area Health Education Center Rotation-Anesthesia 1-4 Units

**Prerequisite(s):** Fourth-year standing.

**Description:** A four-week clinical experience will be obtained in various anesthesiology practices in rural Kentucky. The student will be encouraged to participate in the community to gain an understanding of how the community characteristics affect medical care delivery. Method of Evaluation: Observation of performance

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### ANES 906. Clinical Elective-Urban 1-4 Units

**Prerequisite(s):** Third-year standing.

**Description:** This elective will allow the student to obtain a clinical experience in the private practice of a community anesthesiologist. The student must complete the Off-Campus Request Form and have it approved by the departmental course director. Method of Evaluation: Observation of performance.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

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### ANES 907. Clinical Elective-Off-Campus 1-4 Units

**Prerequisite(s):** Fourth-year standing.

**Description:** A clinical experience may be obtained in an approved program in Anesthesiology under the supervision of a full-time member of the faculty of a duly recognized educational or research institution. The student must complete the Off-Campus Request Form and have it approved by the departmental course director. Method of Evaluation: Observation of performance.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

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**ANES 911. Clinical Anesthesia****1-16 Units****Prerequisite(s):** Third-year standing.

**Description:** This is a four-week elective. A broad experience in the operating room where the students will be taught general and regional anesthetic techniques under supervision with emphasis on pre-anesthetic evaluation, intraoperative management, post anesthesia recovery and respiratory care. Students will also have the opportunity to rotate through critical care, OB-anesthesia and pain management. This elective is designed to provide experience in clinical anesthesiology and to attain experience in the technical aspects of the specialty. The hands-on experience will enhance the understanding of the basics of the specialty. Method of Evaluation: Attendance at morning conference and observation of performance.

**Note:** Withdrawal from this elective must take place 30 days prior to start date.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

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**ANES 912. Anesthesiology Research****1-16 Units****Prerequisite(s):** Fourth-year standing.

**Description:** Participation in research activities through the use of experimental animals. This elective is intended to provide firsthand experience in basic surgical and anesthetic techniques, as well as exposure to anesthesiology research methodology to familiarize the student with a wide variety of patient monitoring devices and their proper application.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

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**ANES 916. Acting Internship in Anesthesiology****4 Units****Grading Basis:** Pass/Fail**Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** Fourth Year Standing.

**Description:** AI Selective This course is designed to provide medical students with an introductory experience into the many facets of the practice of Anesthesiology. Students will spend 4 weeks rotating with anesthesia providers in the main OR, pre-op clinic, pain clinic, labor and delivery unit, neurosurgical intensive care unit, and regional anesthesia/acute pain service. Students will be responsible for performing preoperative evaluations and will receive increasing intraoperative responsibilities as dictated by the attending faculty. Students will function at all times under the direct supervision of junior and senior residents, and service attending physicians. Students will present a formal case presentation to the clerkship director and their peers. The case must come from a patient seen on the service, and the presentation will be evaluated by faculty using the Grading Rubric for Presentations attached to this document. Presentations must include the preoperative evaluation, intraoperative documentation, and relevant post-operative information. Students should do a relevant literature review and have prepared discussion topics.

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