

EMERGENCY MEDICINE (EMED)

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, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

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/>).

EMED 816. Special Project-Emergency Medicine 1-16 Units

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

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EMED 825. Intro Emergency Medicine-Overview Spec 1 Unit

Description: Second-year elective. Emphasis will be placed on clinical presentations, recognition and treatment of various medical and surgical emergencies, including blunt and penetrating trauma, pulmonary and cardiac emergencies, with emphasis placed on anatomy, physiology and pathology.

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EMED 826. Medical Toxicology 1 Unit

Description: The primary goal of this second-year, elective course is to introduce the student to the management of common poisonings and overdoses. Resources unique to toxicology (such as poison control centers) will also be discussed.

Note: Method of Evaluation-Examination.

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EMED 902. Advance Cardiac Life Support 1 Unit

Prerequisite(s): Current BLS certification.

Description: Fourth-year requirement. At the end of this course, students will have recognition and advanced management of cardiac arrhythmias and dysrhythmias, with emphasis on pharmacologic and non-pharmacologic treatment modalities and ancillary skill procedures.

Note: Method of Evaluation: Passing score on written examination and satisfactory skill performance.

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EMED 905. Area Health Education Center Rotation-Emergency Medicine 1-4 Units

Prerequisite(s): Fourth-year standing.

Description: This rotation is scheduled through the clinical coordinator in Emergency Medicine and the AHEC Office. This four-week clinical experience will be obtained in various Emergency Medicine practices or programs 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.

Note: Method of Evaluation is 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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EMED 906. Clinical Elective-urban 1-16 Units

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

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EMED 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 Emergency Medicine under the supervision of a full-time member of the faculty of a duly recognized educational/research institution. The student must complete the Off-Campus Request Form and have it approved by the departmental course director.

Note: Method of Evaluation is 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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EMED 910. Ambulatory Rotation-Emergency Medicine 1-4 Units

Prerequisite(s): Fourth-year standing.

Description: AR or AI Selective course. During this four-week experience, students will spend approximately 40 hours per week in the Emergency Department (ED) providing patient emergency care. Clinical responsibilities include: initial ED triage and evaluation, formulation of diagnostic and therapeutic plans, disposition and referral to appropriate services. In addition to clinical management, there will be an examination at the end of the rotation and weekly lectures.

Note: Methods of Evaluation: Observation of clinical skills includes that knowledge base and acquisition of skills is evaluated by the faculty and residents for a composite evaluation; 75% of final grade is based on this evaluation, a written final examination, based on the lectures and textbook will comprise 20% of the grade, and the other 5% of the grade comes from quizzes, while a patient log must be maintained and submitted to the department at the completion of the rotation.

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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EMED 912. Emergency Medicine Bootcamp 2 Units

Prerequisite(s): 4th-year student who matched in Emergency Medicine.

Description: This two-week elective is designed to offer the fourth-year medical student who successfully matched in an Emergency Medicine residency the skills needed during the first year of residency. Based upon ACGME Milestones, simulation-based education, web-based modules and didactic lectures by Emergency Medicine faculty will provided the foundation necessary to be successful as an Emergency Medicine resident.

Note: Method of Evaluation is that students will complete a test at the end of the elective and the course faculty will observe the student perform all skills taught during the elective.

Note: This elective will only be offered 4/5-4/16/2021.

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EMED 913. EMS 1-2 Units

Grading Basis: Pass/Fail

Term Typically Offered: Fall, Spring, Summer

Description: The EMS Student Elective is open to second-, third-, and fourth-year students (second-year students can only take this elective between first and second year) and will focus upon the basic concepts of EMS delivery as it relates to the Louisville metro area as well as pre-hospital experiences. The course teaches students what the scope of pre-hospital care is as well as how to best be prepared when patients enter their scope of practice. Further, this elective allows students to explore the city of Louisville and learn about the dynamics of the differing population demographics.

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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