

# OMS III

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The OMS-III curriculum has been developed by the faculty and designed to ensure that all students obtain the competencies required to move toward Graduate Medical Education and to allow success on national competency examinations such as COMLEX. The curriculum is designed to cover the major components of the principle medical disciplines but is not inclusive of all aspects of each general discipline.

The required curriculum, in addition to the clinical experience provided at the rotation site, consists of assigned readings requirements from a designated text and faculty selected journals, the completion of on-line case-based clinical modules for the discipline, and the completion of assigned study in OMM topics correlated with the rotation. End-of-rotation examinations will occur on the last Friday of each block at a time and place assigned for each core rotation site. Students may be required to return to the campus for end-of-rotation examinations.

The goal of clinical education at LUCOM is to provide experience in the major core disciplines of medicine and graduate well-rounded generalist physicians that are prepared to enter any discipline for resident training. Students are expected to learn the pathophysiology and structure associated with patient conditions, the indications, contraindications, complications and follow-up of therapy for patients with a wide variety of medical issues.

## **LCOM 5001 Community Based Family Medicine I 10 Credit Hour(s)**

Family Medicine is the core of primary care in the United States. Over four weeks, students work alongside their Family Medicine Preceptors primarily during daily office visits. These Family Physicians care for patients using the biopsychosocial model which incorporates the care of the mind, body, and spirit, in the context of family and community, with a comprehensive view of the patient's life, and through its continuation from conception to death utilizing a team concept of care. Here students often experience the onset of illness as they assess and care for the patient with an undifferentiated complaint. Students are also exposed to office-based procedures, care for common acute and chronic illnesses, and learn how to help in the prevention of these illnesses in individuals and their communities.

**Offered:** Resident

## **LCOM 5003 Family Medicine II 10 Credit Hour(s)**

Family Medicine II is a third year, four-week core rotation. It is intended for the student to experience the roles and responsibilities of the Family Physician. It is to be served, preferably in an office based medical home setting. The clerkship focuses on actively engaging in the comprehensive care of patients across the lifecycle alongside family physicians. Students will expand their family medicine knowledge, ability, and responsibility as it relates to participating in whole-person care. A goal of this clerkship is for osteopathic medical students to evaluate patients of all ages, screen for areas of potential need – both physically and socially – and experience the broad range of responsibilities associated with family physicians in practice. Active learning assignments will be employed on a variety of essential topics to accompany in-person learning. In addition, exposure to the needs of underserved patients is an emphasis of this course. Providing learning opportunities to better engage with and understand under-resourced individuals is consistent with the mission and vision of LUCOM and necessary to improve a student's contribution to whole-person wellness.

**Offered:** Resident

## **LCOM 5100 Internal Medicine I 10 Credit Hour(s)**

Internal Medicine I is a core, four-week, hospital based, third year rotation. The third-year osteopathic medical student is progressed from the second year of pre-clinical study to practical applications in the hospital setting. The pathophysiology of adult diseases, which may include cardiovascular, cerebrovascular, pulmonary, renal, gastrointestinal, neurologic, and endocrine disorders are among the patient population seen. As a member of the internal medicine team, under the supervision of a general internist, the osteopathic medical student participates in the admission, in-hospital care and discharge of the patients served.

**Offered:** Resident

## **LCOM 5101 Internal Medicine II 10 Credit Hour(s)**

Internal Medicine II is a core, four-week, third year rotation for internal medicine. The time may be spent in the hospital or outpatient setting in any internal medicine subspecialty. During this rotation, students will review published research to begin to apply evidence-based medicine practices and concepts to the practice of internal medicine.

**Offered:** Resident

## **LCOM 5200 Surgery I 10 Credit Hour(s)**

General Surgery is a mandatory, four-week in length, third year core rotation. The third year osteopathic medical student is introduced to the evaluation and management of the surgical patient, in both the hospital and out-patient setting. The experience provides a framework for care of the surgical patient.

**Offered:** Resident

## **LCOM 5300 Women's Health 10 Credit Hour(s)**

The Women's Health Obstetrics and Gynecology Third-Year Clinical Rotation is a four-week rotation introducing students to the care of women at all ages in multiple settings including the office, emergency rooms, labor and delivery, operating suites, and the hospital. The clerkship focuses on common obstetrical and gynecological conditions necessary for comprehensive women's health care. Students will acquire knowledge and learn skills that are needed as a physician in any specialty as the rotation stresses the importance of interpersonal relationships, interviewing skills, physical examinations, patient communication, surgical procedures, and the doctor-patient relationship.

**Offered:** Resident

## **LCOM 5400 Pediatrics 10 Credit Hour(s)**

The Pediatrics rotation is a four-week rotation that is designed to equip third-year medical students with the knowledge and hands-on experience in pediatric care. Throughout the rotation, students will delve into the intricacies of the growth and development of infants, children, and adolescents. Students will apply their knowledge to the management of common illnesses and disorders of children and adolescents. In addition, students will be exposed to cost-effective medicine practices and will learn to provide evidence-based medical care, which involves critically reviewing and applying relevant findings from the medical literature in their practice.

**Offered:** Resident

**LCOM 5600 Psychiatry/Behavioral Health 10 Credit Hour(s)**

Psychiatry is a core, four week, third-year rotation. The third-year osteopathic medical student is introduced to the evaluation and management of primarily adult psychiatric patients. The experience may serve both the in-patient and out-patient population. This rotation is designed for students to learn and practice interviewing, diagnostic, and interpersonal skills necessary for working with patients who present with mental behavioral health concerns encountered in most medical practices. Under supervision, students will learn to perform psychiatric evaluation including mental status examination and to identify psychiatric symptoms and differential diagnoses. The student will also learn how psychiatric illness may be present in patients with co-morbid medical disorders, how to manage psychiatric emergencies, and how to make informed medical and treatment decisions using psychopharmacology skills including the indications for use and mechanisms of action of psychotropic medications and evidenced-based treatments.

**Offered:** Resident

**LCOM 5700 Underserved Care 10 Credit Hour(s)**

This four-week rotation serves to introduce the student to the healthcare needs that are unique to the underserved population in rural, urban, and suburban settings. Students will learn to identify and address the social determinants of health for their patients to achieve optimal health outcomes. Often, achieving health equity requires reaching beyond the clinic and into communities. Students will work with patients under supervision in an ambulatory clinic setting and also spend time outside of the clinic engaging in unique, non-clinical learning experiences. (Discontinued Fall 2022)

**Offered:** Resident

**LCOM 5900 Osteopathic Manipulative Medicine Third Year Core Rotation 5 Credit Hour(s)**

OMM is a core, third-year rotation to be served in a primary care office, an Osteopathic Neuromusculoskeletal Medicine (ONMM) office, an inpatient setting, or some combination of the three with supervising physicians who practice osteopathic manipulative medicine. This rotation emphasizes the application of osteopathic principles and practices in the clinical care of patients. Didactic sessions may include activities such as critical review of osteopathic literature and training in osteopathic manipulative medicine techniques and theory.

**Offered:** Resident

**LCOM 6050 Capstone OMS III 0.5,1 Credit Hour(s)**

This course has been designed to prepare the 3rd year medical students for 4th year clinical rotations and the residency match process. Students will engage in learning activities with feedback to help them take the next steps in their medical education.

**Offered:** Resident

**LCOM 6200 Concepts in Acute Care Medicine 5 Credit Hour(s)**

This two-week course is a self-directed learning course in Acute Care Medicine topics. The focus of this curriculum is exposure of the student to core Emergency Medicine concepts, review of ECG interpretation, and may include observation in acute care settings.

**Offered:** Resident

**LCOM 5500 Advanced Clinical Rotation OMS III 10 Credit Hour(s)**

The Advanced Clinical Rotation OMS III is designed to round out the third-year experience and provide students with the opportunity to complete a rotation in a specialty of their choosing at a third-year medical student level, while exposing them to opportunities outside of LUCOM's core sites. Students are to rotate at affiliated sites with preceptors credentialed in the rotation area of specialty. It is strongly suggested that students complete this rotation at sites associated with the presence of a residency program. Experiences may include, but are not limited to, family medicine, internal medicine, surgery, women's health, pediatrics, psychiatry/behavioral health, osteopathic manipulative medicine, emergency medicine, and respective sub-specialties. Students may complete this elective as an internal rotation if approved. This rotation is clinical in nature. Grades will be Pass/Fail.

**Offered:** Resident

**LCOM 5550 Advanced Clinical Rotation OMS III 5 Credit Hour(s)**

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**Offered:** Resident

**LCOM 5501 Emergency Medicine Advanced Clinical Rotation OMS III 10 Credit Hour(s)**

The Emergency Medicine experience occupies a unique niche in medical education as it provides trainees with the opportunity to view the undifferentiated patient population with varying modes of presentation. It affords the medical student the opportunity to learn in an Emergency Medicine setting. This course is intended for the OMS-III Osteopathic Medical Student to become familiar with the role of Emergency Medicine in practice. The OMS-III Osteopathic Medical Student sees the essentials of Emergency Medicine through observation and performance of clinical procedures, hands on clinical experiences and direct interaction with faculty, individual patients, and families. Integration of medical knowledge, patient care, and evidence-based medicine is achieved with emphasis on development of clinical skills, prioritization skillsets, and utilization of both hospital and community resources.

**Offered:** Resident

**LCOM 6300 Advanced Research OMS III 10 Credit Hour(s)**

Students may participate in Advanced Research OMS III. This non-clinical course is designed to prepare individuals who intend to conduct research in graduate medical education. Students must apply for this research elective in order to receive credit for their work in this course. Students who take this course will conduct research under an approved mentor at LUCOM; LU; an unaffiliated institution such as the National Institutes of Health (NIH), World Health Organization (WHO), or Center for Disease Control (CDC); or at an affiliated site. Research mentors will be required to submit an appropriate evaluation of a student and his or her work. Grades will be Pass/Fail.

**Offered:** Resident

**LCOM 6350 Advanced Research OMS III 5 Credit Hour(s)**

Students may participate in Advanced Research OMS III. This non-clinical course is designed to prepare individuals who intend to conduct research in graduate medical education. Students must apply for this research elective in order to receive credit for their work in this course. Students who take this course will conduct research under an approved mentor at LUCOM; LU; an unaffiliated institution such as the National Institutes of Health (NIH), World Health Organization (WHO), or Center for Disease Control (CDC); or at an affiliated site. Research mentors will be required to submit an appropriate evaluation of a student and his or her work. Grades will be Pass/Fail.

**Offered:** Resident