

UNIVERSITY OF PIKEVILLE

KENTUCKY COLLEGE OF OSTEOPATHIC MEDICINE



2023-2024 ACADEMIC CATALOG

Revised Date: 3.26.2024



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A message from the Dean...

"Welcome to the Kentucky College of Osteopathic Medicine (KYCOM). We continue to honor our mission by remaining firmly committed to the founding mission while expanding our vision to provide primary care to underserved areas in Central Appalachia and beyond. The incoming class of 2027 has a strong Kentucky representation and students from dozens of other states. As we prepare to begin this academic year, I assure you that our esteemed faculty and staff have been working tirelessly to ensure that you have a great experience at KYCOM. The curriculum has undergone a significant transformation, which will be systems-based and has integrated case studies.



Our students are equipped with some of the best diagnostic equipment, stethoscopes, OPP treatment tables, iPads, books, and software. KYCOM faculty maintain an open-door policy and are here to help our students succeed.

On behalf of the entire faculty and staff, I welcome you once again to the Kentucky College of Osteopathic Medicine. Your presence enriches our academic community, and we are excited to witness your intellectual growth, personal achievements, and contributions to society. Together, let us create a vibrant and transformative academic year that will shape your future and inspire generations to come.

Wishing you a truly memorable and fulfilling year ahead!"

Warm regards,

Joe E. Kingery, D.O., MBA, FACOFP, FAAFP

Dean of KYCOM

The University of Pikeville – Kentucky College of Osteopathic Medicine reserves the right to make any changes to the content of this document at anytime without advance notice.

Effective on July 1, 2011, the name Pikeville College changed to the University of Pikeville and the medical school, previously known as Pikeville College School of Osteopathic Medicine (PCSOM), became the Kentucky College of Osteopathic Medicine (KYCOM).

KYCOM ACADEMIC CALENDAR 2023 – 2024

**Students are required to comply with the KYCOM course attendance policy.
Please note that the KYCOM Academic Calendar is subject to change at any time.*

Fall 2023	
Monday, June 26, 2023	4 TH Year Begins Class of 2024
July 17 – 21, 2023	1 ST Year Orientation Class of 2027
July 20 – 21, 2023	2 ND Year Orientation Class of 2026
Monday, July 24, 2023	First Day of Classes (1 st and 2 nd Years)
Monday, July 31, 2023	3 rd Year Begins Class of 2025
September 4, 2023	Labor Day (Holiday/No Classes – 1 st and 2 nd Years)
October 4 – 6, 2023	Fall Break (OMED dates) (No Classes – 1 st and 2 nd Years)
Friday, November 10, 2023	End of Fall Semester (4 th Years)
November 22 - 24, 2023	Thanksgiving Break (No Classes – 1 st and 2 nd Years)
Wednesday, December 13, 2023	End of Fall Semester (1 st and 2 nd Years)
Friday, January 19, 2024	End of Fall Semester (3 rd Year)
Spring 2024	
Monday, November 13, 2023	First Day of Classes (4 th Year)
Wednesday, January 3, 2024	First Day of Classes (1 st and 2 nd Years)
Monday, January 15, 2024	Martin Luther King Jr. Day (No Classes – 1 st and 2 nd Years)
Monday, January 22, 2024	First Day of Classes (3 rd Year)
March 4-8, 2024	Spring Break (No Classes – 1 st and 2 nd Years) AAO Convocation
March 29, 2024	Good Friday (No Classes – 1 st and 2 nd Years)
Friday, April 14, 2024	4 th Year Spring Semester Ends
April 18 and 19, 2024	Hillbilly Days (No Classes – 1 st and 2 nd Years) (TENTATIVE)
Saturday, May 4, 2024	Health Professions Commencement
Friday, May 10, 2024	End of Spring Semester (1 st Year)
Friday, May 17, 2024	End of Spring Semester (2 nd Year)
Friday, June 28, 2024	End of Spring Semester (3 rd Year)

ABOUT THE KENTUCKY COLLEGE OF OSTEOPATHIC MEDICINE

Medicine in the Mountains

The Kentucky College of Osteopathic Medicine (KYCOM) was established to provide Medicine in the Mountains; it is Keeping the Promise. When KYCOM enrolled its first students in 1997, its founding dean, John A. Strosnider, D.O., stated that our medical school “is proudly committed to providing the Appalachian region with highly trained, competent, confident, and patient-friendly primary care osteopathic physicians.” A recent analysis of graduates’ specialties and practice locations revealed that 70 percent practiced in a primary care specialty and 41 percent are located within our Appalachian region

Mission

The mission of the University of Pikeville - Kentucky College of Osteopathic Medicine (KYCOM) is to provide students with an osteopathic medical education that emphasizes primary care, encourages research, promotes lifelong scholarly activity, and produces graduates who are committed to serving the health care needs of communities in rural Kentucky and other Appalachian regions.

Goals and Objectives

Kentucky College of Osteopathic Medicine (KYCOM) educates its students to become competent and compassionate osteopathic physicians. Given KYCOM’s mission, its emphasis is on developing primary care physicians for underserved and rural communities. The following goals and objectives guide attainment of the KYCOM mission:

1. To recruit and graduate osteopathic medical students who are dedicated to alleviating the shortage of medical services in rural and underserved areas of Kentucky, Appalachia, and the nation.
 - a. Recruit students from Kentucky, Appalachia, the neighboring region, and other rural and underserved areas.
 - b. Recruit students with a strong desire to practice patient-centered medical care in medically underserved communities.
2. To offer a curriculum that integrates a strong foundation of medical knowledge with the professional, cultural and ethical traits desired in its students and graduates.
3. To educate osteopathic medical students in the art and science of osteopathic medicine using the most current research in clinical and basic science.
 - a. Provide opportunities for research and scholarly activity for students and faculty.
 - b. Advance medical knowledge and the quality of health care through educational, scientific, and clinical research.
4. To provide a curriculum that promotes and measures student competencies to enhance the development of future osteopathic physicians who are competent practitioners of patient-centered, quality medical care.
 - a. Prepare students to pass the COMLEX-USA board exams.
 - b. Incorporate clinical teaching throughout the four-year curriculum.
 - c. Promote the acquisition of the core competencies during student clinical rotations.
5. To develop and maintain clinical education sites in rural and underserved Kentucky and Appalachian areas that promote providing rural primary care within our region.
6. To prepare physicians committed to improving access to quality, competent, and patient-centered medical care for all, with an emphasis on developing primary care physicians for underserved and rural communities.
7. To support the Appalachian Osteopathic Postgraduate Training Institute Consortium (A-OPTIC) in the development of postgraduate educational opportunities that advance the training of our students, residents, and faculty.
8. To prepare KYCOM students to enter and succeed in postgraduate training programs.
9. To cultivate an appreciation of lifelong learning in KYCOM students and graduates through the development of scholarly inquiry skills.

Osteopathic Medicine

Osteopathic medicine practices a whole person approach to health care. Instead of just treating specific symptoms, osteopathic physicians focus on the patient as a whole. Both osteopathic physicians (D.O.s) and allopathic physicians (M.D.s) are trained as complete physicians in that both types of physicians are fully trained and licensed to practice medicine, perform surgery, and prescribe medications in the U.S. Osteopathic physicians' training includes an additional focus that centers on treating the body by improving its natural functions through osteopathic manipulative treatment (OMT). Through the manual manipulation of joints and soft tissues, OMT aims to restore the body's structural integrity so it can function in a natural and healthy way. Osteopathic physicians (D.O.s) have full practice rights in all 50 states and in many foreign countries. Osteopathic physicians can and do provide a full range of specialty and subspecialty medical services, and practice in many of the nation's most prestigious hospitals. Moreover, many D.O.s practice primary care in medically underserved areas. This reality accounts for the fact that while D.O.s make up only ten percent of physicians nationally, they care for more than 18 percent of the U.S. population.

History

In September, 1993, Chad Perry, a prominent attorney from Paintsville, Kentucky, and his wife Judy Perry, conceived the idea of creating an osteopathic medical school in the Appalachian region of Eastern Kentucky. Together with a group of supporters, they began to investigate the possibility of a school in Eastern Kentucky. The supporters believed that creation of an osteopathic medical school was the best way to help alleviate the shortage of primary care physicians in rural Eastern Kentucky. According to Mr. Perry, his support of the development of an osteopathic medical school for this region arose from the fact that osteopathic physicians "tend to stay in rural areas and in family practice." KYCOM enrolled its first students in 1997.

Accreditation

KYCOM is part of the University of Pikeville, which was established in 1889 as a small Presbyterian college located in Pikeville, Kentucky. The University of Pikeville is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate, baccalaureate, masters, and doctoral (D.O.) degrees. Any questions about the accreditation of the University of Pikeville may be directed to the Commission on Colleges at 404-679-4500 or to 1866 Southern Lane, Decatur, Georgia 30033-4097. Additionally, inquiries may be made to the University of Pikeville at 606-218- 5250 or to 147 Sycamore Street, Pikeville, Kentucky 41501. Kentucky College of Osteopathic Medicine has been granted accreditation by the American Osteopathic Association's Commission on Osteopathic College Accreditation (COCA). This body is recognized by the U.S. Department of Education as the accrediting agency for colleges educating osteopathic physicians and surgeons. Further information about the COCA accreditation process can be obtained at www.osteopathic.org.

Commitment to Rural Medicine

KYCOM offers a four-year program toward attainment of the degree of Doctor of Osteopathic Medicine (D.O.). The College's purpose is to educate future primary care physicians to practice in rural Kentucky and other underserved areas. KYCOM opened in 1997 with an entering class of 60 students. The Commission on Osteopathic College Accreditation (COCA) granted approval to KYCOM to increase the size of its entering class to 135 students beginning with the Class of 2016 that entered July 30, 2012.

KYCOM continues to receive national recognition for its commitment to educating osteopathic physicians who practice in rural areas that are medically underserved, particularly within the Eastern Kentucky region that the College's mission serves. For several years, KYCOM has ranked among the top medical schools in the country with regard to the percentage of graduates entering primary care residencies, in the number one or two spot for all medical schools during the past several years. KYCOM is keeping its promise to ease the shortage of primary care physicians in rural Kentucky and Appalachia. Seventy percent of KYCOM graduates practice in a primary care specialty with approximately forty percent practicing within Appalachia.

NOTICE OF NONDISCRIMINATION

The University of Pikeville does not discriminate on the basis of race, ethnicity, color, sex, gender, gender identity, sexual orientation, religion, national origin, age or disabilities in its programs, activities, hiring, or the admission of students.

The following person has been designated to handle inquiries regarding nondiscrimination policies under Title IX:

Bethany Kingery
Title IX Coordinator
Executive Director of Compliance and Legal Affairs
University of Pikeville
147 Sycamore Street
Pikeville, KY 41501
COAL 513
bethkingery@upike.edu
606-218-5344

The following person has been designated to handle inquiries regarding other nondiscrimination policies:

Michael Pacheco
Human Resources Director
University of Pikeville Laughlin Cottage
147 Sycamore Street
Pikeville, KY 41501
michaelpacheco@upike.edu
606-218-5216

If either individual is unavailable, inquiries concerning any nondiscrimination policy may be directed to the other individual.

CAMPUS SAFETY and SECURITY

The University of Pikeville promotes a safe and secure environment to ensure the safety and well-being of the campus community. The University of Pikeville Public Safety Department is located in Condit Hall and is open at all times. All criminal or suspicious activity as well as any emergencies on campus should be reported directly to the University of Pikeville Public Safety Department by phoning 911 or 606-218-5940.

Campus Public Safety

The Clery Act is a federal statute requiring all colleges and universities participating in federal student aid programs to publish an annual security report that accurately discloses campus crime statistics and security information. This report may be found on the UPIKE website at http://www.upike.edu/StudentServices/publicsafety/crime_reporting.

Sexual Assault Prevention

The University of Pikeville is committed to providing a supportive learning environment and fostering safe, healthy relationships among our students. As such, the institution and members of our community will not tolerate the offenses of dating violence, domestic violence, sexual assault and stalking. The University encourages any member of the University community who has experienced sexual harassment, sexual assault, domestic violence, dating violence, or stalking, or knows of another member of the community who has experienced sexual harassment, sexual assault, domestic violence, dating violence or stalking, to report the incident to the University. In case of an emergency or ongoing threat, a survivor should get to a safe location and call 911. Calling 911 will connect you with local police. Students and employees who have experienced sexual harassment, sexual assault, domestic violence, dating violence, or stalking should report incidents to Dr. Bethany Kingery, who serves as the University's Title IX Coordinator at bethkingery@upike.edu or 606-218-5344.

KYCOM ADMINISTRATION

Joe E. Kingery, D.O., MBA, FCOFP, FAAFP	Dean of the Kentucky College of Osteopathic Medicine
Cathryn J. Caudill, Ph.D.	Associate Dean for Academic Affairs
Margorzata Simm, Ph.D.	Associate Dean for Biomedical Sciences
Maleshea Hopkins, D.O.	Associate Dean for Clinical Affairs
Antoinette Justice, D.O.	Associate Dean for Osteopathic Medical Education
Laura E. Griffin, D.O., FAAO	Associate Dean for Osteopathic Principles & Practices Integration
David A. Falletta	Director of Student Affairs and Academic Excellence

KYCOM ACADEMIC DEPARTMENT HEADS

Primary Care

Shylah Napier D.O., Chair

Osteopathic Principles and Practice

Laura E. Griffin, D.O., FAAO, Chair

KYCOM CONTACT INFORMATION

Administrative Offices are open weekdays from 8:00 am to 5:00 pm. KYCOM observes customary holidays. Visitors are strongly encouraged to make appointments before visiting the campus to ensure that the person they need to see is available. KYCOM's address is:

Kentucky College of Osteopathic Medicine
University of Pikeville
147 Sycamore Street
Pikeville, KY 41501

Dean's Office	(606) 218-5410/Fax (606) 218-5447
Academic Affairs	(606) 218-5488/Fax (606) 218-5491
Basic Sciences	(606) 218-5421/Fax (606) 218-5491
Clinical Rotations	(606) 218-5418/Fax (606) 218-5168
Graduate Medical Education	(606) 218-5504/Fax (606) 218-5167
Osteopathic Medical Education	(606) 218-5419/Fax (606) 218-5491
Community Clinic	(606) 218-5398/Fax (606) 218-5492
Student Affairs	(606) 218-5400/Fax (606) 218-5255
Admissions	(606) 218-5409/ Fax (606) 218-5405
Financial Aid	(606) 218-5254/Fax (606) 218-5256
Registrar's Office	(606) 218-5193/Fax (606) 218-5212

ADMISSION INFORMATION

Information for Prospective Students

COMLEX-USA

The National Board of Osteopathic Medical Examiners (NBOME) administers the Comprehensive Osteopathic Medical Licensing Examination (COMLEX- USA) board examinations that consist of Levels 1, 2 CE, and 3. The purpose of the COMLEX-USA board examination series is to assess the osteopathic medical knowledge and clinical skills required for osteopathic generalist physicians to practice medicine without supervision.

KYCOM requires that its medical students take and pass the COMLEX Levels 1 and 2 CE board examinations as part of their graduation requirements. Additionally, they must successfully pass a clinical competency assessment during their rotations. Following graduation and as part of residency training, KYCOM graduates also must pass the COMLEX-USA Level 3 examination.

KYCOM COMLEX FIRST-TIME PASS RATES					
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
COMLEX LEVEL I	97.6%	85.5%	93.9%	95.3%	84.38%
COMLEX LEVEL 2-CE	87.6%	92.9%	93.6%	95.6%	92.68%
COMLEX LEVEL 2-PE	87.8%	92.9%	92.6%	Clinical Skills Attestation	Clinical Skills Attestation
COMLEX LEVEL 3	89.5%	95.1%	92.9%	95.78%	Not Available Yet

Residency Placements

Graduates of the KYCOM Classes of 2018 through 2023 seeking residency positions have obtained placements in graduate medical education programs offered by the Accreditation Council for Graduate Medical Education (ACGME) or by the United States Military. Information on placements by specialty and or institution may be found at the KYCOM website at [Residency Placements | UPIKE](#).

ADMISSION

The University of Pikeville - Kentucky College of Osteopathic Medicine seeks to recruit students who will help KYCOM fulfill its mission of providing students with an osteopathic medical education that emphasizes primary care, encourages research, promotes lifelong scholarly activity, and produces graduates who are committed to serving the health care needs of communities in rural areas, particularly those in rural Kentucky and other Appalachian regions.

KYCOM is a private institution that encourages applications from qualified students who are interested in pursuing a career in osteopathic medicine. In accord with KYCOM's mission to educate osteopathic physicians trained in rural primary care, qualified applicants from Kentucky will be given preference for admission to KYCOM.

Applicants to KYCOM are considered with respect to their intellectual ability, scholastic achievement, commitment, and suitability to succeed in the study of osteopathic medicine. In addition, all individuals are required to meet Technical Standards to be considered for admission. KYCOM adheres to the University of Pikeville's policy on nondiscrimination and considers all applicants for admission and financial aid without regard to race, ethnicity, color, sex, gender, gender identity, sexual orientation, religion, national origin, age or disabilities.

ACADEMIC REQUIREMENTS

The minimum academic requirements for admission to the first-year class are:

1. A baccalaureate degree from a regionally accredited college or university. The baccalaureate degree must be earned prior to matriculation in the medical school program.
2. The Medical College Admissions Test (MCAT). Students must take the exam and have the official scores sent to KYCOM. MCAT test scores are valid for three years from the original test date.
3. Satisfactory completion of the following college courses, including laboratory work:

English Composition and Literature	6 Semester Hours
General Chemistry	8 Semester Hours
Organic Chemistry	8 Semester Hours (<i>4 hours of which can be Biochemistry</i>)
Physics	8 Semester Hours
Biological Sciences	12 Semester Hours

These basic requirements must be passed and taken for credit at an accredited college or university.

Computer proficiency is an essential skill that will assist students with KYCOM course work. Therefore, it is strongly recommended that each entering student should have a good working knowledge of common PC use and applications. KYCOM utilizes the latest in Microsoft Office® and Windows® applications.

TECHNICAL STANDARDS

KYCOM complies with the nondiscrimination policies of the University of Pikeville and does not discriminate based on race, ethnicity, color, sex, gender, gender identity, sexual orientation, religion, national origin, age, or disabilities. In doing so, however, KYCOM must maintain curriculum requirements deemed essential to the education of an osteopathic physician. KYCOM does not discriminate against individuals who are disabled or handicapped and are otherwise qualified, but it does require applicants and students to meet certain minimum technical standards.

KYCOM recognizes that there are varying levels of disability and needs and is committed to supporting those with disabilities who, with reasonable assistance, can meet the established technical standards. These standards identify reasonable expectations of osteopathic medical students and physicians in performing common functions. Students who, with reasonable assistance, can meet the technical standards to be successful in the KYCOM curriculum and to practice osteopathic medicine safely and competently are considered for admission.

A candidate for the D.O. degree must have multiple abilities and skills, including: observation, communication, motor, conceptual, integrative and quantitative, and behavioral and social attributes. While accommodations may be made for various handicaps, a candidate must be able to perform in a reasonably independent manner throughout their enrollment at KYCOM.

Observation

The candidate must be able to acquire a level of required information as represented through demonstrations and experiences in the basic sciences. This includes but is not limited to information conveyed through physiologic and pharmacological demonstrations in animals, as well as microbiologic cultures and microscopic images of microorganisms and tissues in normal and pathologic states. Furthermore, a candidate must be able to observe a patient accurately, at a distance and close at hand; acquire information from written documents; and see information presented in images in media such as paper, film, slide, video or computer monitor. Observing and acquiring information from these sources usually requires functional visual, auditory, and somatic sensation,

enhanced by other sensory modalities. The use of a trained intermediary in such cases would compromise performance, as it would be mediated by another individual's power of selection, observation, and experience.

Communication

Candidates must be able to communicate effectively, efficiently, and sensitively with patients and their families, and with all members of the health care team. A candidate must be able to interpret X-ray and other graphic images and digital or analog representations of physiologic phenomenon (such as EKGs). Assistive devices may be used if necessary.

Motor

Candidates and students should possess the motor skills necessary to provide general care and emergency treatment to patients and to directly perform palpation, percussion, auscultation and other diagnostic maneuvers, basic laboratory tests, and diagnostic procedures. Examples include cardiopulmonary resuscitation, administering intravenous medication, applying pressure to stop bleeding, opening of obstructed airways, suturing of simple wounds, and performing simple obstetrical maneuvers. Such actions require coordination of both gross and fine muscular movements, equilibrium, and functional use of the senses of touch and vision.

Sensory

Osteopathic candidates need exceptional sensory skills. It is therefore necessary to thoroughly evaluate individuals who are otherwise qualified but who have significant tactile sensory or proprioceptive disabilities. This would include individuals with significant previous burns, sensory motor deficits, cicatrix formation, and any malformations of the upper extremities.

Strength and Mobility

Osteopathic treatment often requires upright posture with sufficient lower extremity and body strength. Therefore, individuals with significant limitations in these areas would be unlikely to successfully complete the requirements for a D.O. degree. Mobility required for emergency codes and CPR is also required.

Intellectual, Conceptual, Integrative, and Quantitative Abilities

The candidate must be able to measure, calculate, reason, analyze, and synthesize in a timely fashion. In addition, the candidate should be able to comprehend three-dimensional relationships and to understand the spatial relationships of structures.

Behavioral and Social Attributes

Candidates must possess the emotional health required to fully use their intellectual abilities, to responsibly attend to the diagnosis and care of a patient, and to develop mature, sensitive, and effective relationships with patients.

Candidates and students must be able to tolerate physically taxing workloads and to function effectively under stress. They must be able to adapt to changing environments, to display flexibility, and to learn to function in the face of uncertainties inherent in the clinical problems of patients.

Compassion, integrity, concern for others, interpersonal skills, interest, and motivation are all personal qualities that will be assessed during the admissions and educational processes.

ACCOMMODATIONS

Accommodations under the Americans with Disabilities Act (ADA)

All applicants and students should be familiar with KYCOM's Technical Standards. Students may submit requests for reasonable accommodations under the Americans with Disabilities Act (ADA) to the UPIKE Disability Resource Center (DRC), which handles all accommodation requests for students in accordance with the ADA Act of 2008 and Section 504 of the Rehabilitation Act of 1973. To inquire about UPIKE's ADA and Section 504 policies, procedures, and/or to

request an accommodation, please contact the Disability Resource Center. Students are encouraged to submit documentation to the Disability Resource Center prior to matriculation or as soon as a situation arises that an accommodation is needed. Applicants with disabilities are expected to provide their requests for accommodations along with submission of their KYCOM secondary applications. Given that student health may change while enrolled, KYCOM students who develop limitations should consult with the Office of Student Affairs as soon as limitations are diagnosed. Student requests for accommodations under the ADA should be accompanied by documentation of the disability from an appropriate health care professional along with a waiver that allows KYCOM administration and the health care provider to discuss the requested accommodations. The student will be responsible for the cost of any diagnostic testing that is needed. Students who wish to request accommodations for special learning needs or test-taking should meet with the Associate Dean for Academic Affairs no later than the first week of classes of the fall semester with the appropriate documentation. Determinations concerning accommodations for special learning needs or test-taking conditions will be made by the Associate Dean for Academic Affairs following guidelines established by the National Board of Osteopathic Medical Examiners (NBOME). Further, granting of testing accommodations by KYCOM does not guarantee that similar accommodations will be granted by professional testing organizations, e.g., the NBOME. UPIKE's Disability Resource Center information is below.

UPIKE Disability Resource Center
204 Administration Building
PHONE: 606-218-5232 or 606-218-4484
FAX: 606-218-4472 / Email: drc@upike.edu
UPIKE Disability Accommodation Policy and Procedure

APPLICATION PROCESS

KYCOM participates with other colleges of osteopathic medicine in the centralized application services offered by the American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS). Prospective students must initiate their application to KYCOM by submitting a Primary Application through AACOMAS, which may be obtained by contacting:

AACOMAS
5550 Friendship Boulevard,
Suite 310 Chevy Chase, MD
20815-7231
Phone: (301) 968-4190
aacomas@aacom.org

Prospective students who have their applications sent to KYCOM for consideration and meet the minimum requirements for admission will be emailed, by the KYCOM Admissions Office, instructions on how to access an online KYCOM Secondary or Supplemental Application. Please note that all application materials received become the property of KYCOM and are not returned to any applicants regardless of determination.

Applicants to KYCOM should submit their complete applications no later than March 1 for review. However, applicants are urged to submit their completed application dossiers to KYCOM as early as possible, since KYCOM admits students on a continuous or rolling basis. Application review begins during summer. Interviews generally begin in October and run through April or until the entering class is filled.

KYCOM will review applicant files only after all of the following materials have been received:

1. A completed AACOMAS application and a completed KYCOM supplemental application, including official MCAT Scores;
2. A nonrefundable supplemental application fee of \$75 that is payable to KYCOM; and

3. Letters of recommendation
 - a. Requirement: A letter from a physician (preferably a D.O. who is a member of the AOA);
 - b. Requirement: At least one of the following options.
 - i. Letter from Pre-med Committee.
 - ii. Letter from a pre-med advisor and a letter from a science faculty member who is familiar with the applicant's academic work; and
 - iii. Letters from two different science faculty who are familiar with the applicant's academic work
 4. Recommendations must be written within the two years prior to making application.
 5. All applicants and students are required to meet KYCOM Technical Standards that are on the Secondary Application. Please read KYCOM's statement of Technical Standards and affirm that you meet these standards.
 6. In addition, all applicants to KYCOM must affirm that, if accepted, they will meet all immunizations requirements prior to enrollment.
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ADMISSION INTERVIEWS

The major criteria for rating applicants are academic excellence, commitment to osteopathic primary care, commitment to practice medicine in an underserved area, and personal characteristics. Academic excellence is measured by assessing results of the Medical College Admissions Test, grades, and grade point averages. The degree of difficulty of the program at which the applicant studied is also considered.

After the initial assessment, selected applicants are invited to visit the campus for a personal interview. Interview sessions generally begin late September or early October. Applicants are invited to each session to meet with KYCOM administrators and faculty. In addition, first- and second-year KYCOM student ambassadors are also available to welcome applicants, offer their perspectives on being a student at KYCOM, and host tours.

ADMISSION DECISIONS

After the interviews, the Admissions Committee reviews the interviewers' recommendations. The committee then determines which of the interviewed applicants are to be extended offers of admission, placed on a hold list, or denied admission. Applicants are notified as soon as final admissions decisions are made.

An acceptance fee is required from successful applicants (See Tuition and Fees). Acceptance is conditional until all required documentation is received. Transcripts must be on file prior to matriculation.

INTEGRITY

Prospective students seeking admission to KYCOM are expected to demonstrate integrity and professionalism throughout the application and matriculation process. Any intentional misrepresentation, falsification, or omission of all requested application and matriculation information is reason for rejection or dismissal. KYCOM reserves the right to deny admission to any applicant for any reason it deems sufficient. Further, matriculation will be denied to applicants who have failed to maintain a good record of scholastic performance and personal conduct between the time of their acceptance and their matriculation at KYCOM.

TRANSFER CREDIT

Advanced standing is not generally granted. However, students with exceptional academic credentials earned at another college or university may petition the Associate Dean for Academic Affairs for credit for one or more courses offered by KYCOM.

KYCOM TRANSFER POLICY

Student transfers to KYCOM are rare. Student requests for transfer to KYCOM should be directed to the Admissions Office. KYCOM does not encourage transfer students, but will consider them in special circumstances. Any transfer student accepted at KYCOM may, at the discretion of the Associate Dean for Academic Affairs, receive credit for courses taken at another medical school.

1. Credits may be transferred only from medical schools and colleges accredited either by the Commission on Osteopathic College Accreditation (COCA) or by the Liaison Committee on Medical Education (LCME). Transfer credits are given only if the student is eligible for readmission to the previously attended COCA or LCME accredited medical school.
2. When a student transfers from another COCA-accredited College of Osteopathic Medicine (COM) to KYCOM, the last two years of instruction must be completed at KYCOM, which grants the D.O. degree.
3. When students transfer from an LCME-accredited medical school or college to KYCOM, at least two years of instruction must be completed at KYCOM.
4. In the case of LCME transfers, KYCOM's requirements for osteopathic manipulative medicine must be completed prior to graduation.

FINANCIAL AID *and* TUITION

TUITION, FEES, TUITION REFUNDS

Tuition, 2023-2024

KYCOM tuition for the 2023-2024 academic year is \$53,000. It is billed by semester. Tuition payments are due at the time of invoicing unless special payment arrangements have been made with the University of Pikeville Business Office. Tuition payments for students with financial aid are processed by the University of Pikeville Business Office. Tuition is subject to change annually. The University reserves the right to change the schedule of tuition and fees without advance notice and to make such changes applicable to current as well as future students.

Application Fee

A nonrefundable fee of \$75 is payable to KYCOM upon submission of KYCOM's application for admission.

Acceptance Fee

A nonrefundable fee of \$1,000 is payable to KYCOM after a student has been accepted in order to confirm his/her placement in the entering class. The fee must be paid within the time period specified by AACOMAS. (<https://www.aacom.org/become-a-doctor>). This fee is then credited toward payment of tuition upon enrollment.

Insurance Fee

All KYCO/KYCOM students are required to have health insurance while enrolled at the university. UPIKE provides insurance for those students that do not have a qualifying health insurance plan. The fee for the insurance will be added to every student's account each term and will be removed if the student provides documentation to the third-party insurance company that they have an active plan that qualifies. The fee is \$1,997/term or \$3,994/year.

Tuition Refunds

Tuition is billed by semester for enrolled students. No part of the tuition fee will be refunded to a student who withdraws for any reason after the fourth week of the beginning of an academic semester for first year, second year, third year, or fourth year medical students.

A request for a tuition fee refund requires written notification to the Assistant Dean of Students for Graduate and Health Professions. This request must be received before the close of business during the week in which the refund is requested. The request for a tuition fee refund requires prior written notification of withdrawal from KYCOM. The tuition fee refund shall be prorated as follows:

- 100 percent during the first week of an academic semester;
- 75 percent during the second week of an academic semester;
- 50 percent during the third week of an academic semester; and
- 25 percent during the fourth week of an academic semester.

No course, clerkship, or rotation will be credited toward promotion, graduation, or subsequent credit if a student has not paid the required tuition and fees, including any additional tuition incurred by repeating any portion of the regular program.

Current semester balances must be \$0 before students may begin the next semester. UPIKE's Board of Trustees reserves the right to change the schedule of tuition and fees, without advance notice, and to make such changes applicable to present as well as future students of KYCOM, and to establish additional fees or charges for special services whenever, in their opinion, such actions are deemed advisable. All inquiries concerning the above policies and all requests for refunds should be directed to the Assistant Dean of Graduate and Professions.

FINANCIAL AID

Financial aid counseling and assistance is provided to medical students regarding securing financial support to help meet the costs of medical education. Although the Office of Financial Aid assists KYCOM students with funding for their medical education, the student is primarily responsible for securing this financing. This means that such things as supplying personal or family documentation, ensuring that a student qualifies for loans by having a favorable credit report, and providing monies for prior commitments are the student's obligations under the system. All documents requested must be received before financial assistance will be processed.

The average osteopathic physician is at least \$257,335 in debt by the time he/she graduates from a college of osteopathic medicine ([AACOM 2020-2021 Academic Year Graduating Seniors Survey Summary Report](#)). During schooling, most students are required to live at a modest level. The primary obligation for financing a medical education lies with the student, the student's parents, and/or the student's spouse. The federal agencies that make funds available for borrowing do so with the understanding that medical students who receive financial loans should maintain modest living costs.

Every student applying for financial aid must file the Free Application for Federal Student Aid (FAFSA) at www.studentaid.gov/FAFSA. UPIKE complies with the federal requirement that all students who receive financial assistance from Title IV and Title VII funds must maintain satisfactory academic progress. Students may file loan applications and check the status of loans through the Financial Aid Office or online at www.studentaid.gov.

Financial aid as awarded or borrowed under federal programs cannot exceed the KYCOM standardized student budget. Funds are allowed for a student's direct educational costs and for reasonable, approved personal living costs while he or she receives an education. Students must manage their financial aid funding prudently to make it work comfortably. Students must carefully monitor and adhere to their approved budgets.

KYCOM ADVANTAGE

The vision of KYCOM’s founding Dean was that our students “enter on a level playing field”; where those who are admitted with few financial resources have the same educational opportunities as those with greater resources. In order to achieve this goal, KYCOM provides its students with an OPP table, white coat, scrubs, diagnostic equipment (stethoscope, ophthalmoscope, etc.), use of an iPad Pro as a testing device, and all required texts. All KYCOM students are provided membership in the American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), and the Kentucky Osteopathic Medical Association (KOMA). Exam fees for the National Board of Osteopathic Medical Examiners COMLEX-USA Level 1 and Level 2 CE board exams are paid by KYCOM for first attempts only. In addition, the KYCOM Advantage also includes a COMLEX examination preparation program, including multiple-choice question banks, video resources, and mock licensure examinations, for both Level 1 and Level 2CE.

SCHOLARSHIPS and GRANTS

Information on scholarship availability is available on the medical school's website at <https://www.upike.edu/undergraduate/financial-aid/scholarships/#hp>.

The most commonly awarded scholarships are service commitment scholarships and specific state scholarships based on residency status. The Office of Student Financial Services maintains a list of KYCOM scholarship opportunities. Please note that if a student signs a service commitment scholarship while enrolled, he or she may not be able to participate in certain state or federal loan repayment programs after graduation. To be eligible to participate in most loan repayment programs, prior commitments must be fulfilled by service or repayment plan. Please also refer to these websites, www.aacom.org and www.aof-foundation.org, for information on additional scholarship opportunities.

KYCOM students who are Kentucky residents are eligible for an Osteopathic Medicine Scholarship that is administered by the Kentucky Higher Education Assistance Authority (KHEAA). The scholarship equalizes tuition between KYCOM and the state medical schools. By signing the scholarship contract, the student is agreeing to practice primary care in Kentucky one year for every year the scholarship money is received. There will be a penalty for failing to comply with the contract. For more information and applications, the KYCOM Student Affairs Office. Deadline for application is July 1 for entering students; and May 1 for returning students.

Please note that if a student signs a service commitment scholarship while enrolled, he or she may not be able to participate in certain state or federal loan repayment programs after graduation. To be eligible to participate in most loan repayment programs, prior commitments must be fulfilled by service or repayment plan.

LOANS

The primary loan source for students is the Federal Direct Loan program. The following are maximum borrowing amounts on these programs:

- Federal Direct Unsubsidized Loan:
 - Annual limit – \$40,500 - \$47,167 per year
 - Cumulative debt – \$224,000
- Federal GRADUATE PLUS Loan:
 - Cost of attendance less any financial received in an academic year

The amount a student is eligible to borrow is based on criteria defined by the U.S. Department of Education, the KYCOM cost of attendance and the student’s level of federal loan indebtedness.

The Federal Direct Unsubsidized Loan accrues interest from the disbursement date. Borrowers must consider the repayment implications and avoid excessive borrowing. KYCOM has a federally-mandated obligation to keep a student's indebtedness to a minimum. A student will receive counseling while in school about the nature of his or her debt and the projected payment schedule.

Borrowing money from these programs is a privilege, not a right; regulations controlling these programs change periodically. Student loans are only to be used for approved education-related expenses and personal living expenses. Default is the failure of a borrower to make an installment payment when due or to meet other terms of the promissory note. If this happens, it is reasonable to conclude that the borrower no longer intends to honor the obligation to repay. Defaulted loans are reported to national credit agencies, thus affecting credit ratings and future ability to borrow money. KYCOM encourages students to borrow responsibly and to budget prudently and limit living costs. If a student's loan goes into default, the University, the lender, the state, and the federal government can all take action to recover the money.

The federal government can deny a school's participation in the student loan programs, if the school's default rate is too high. Further, the University will withhold release of student records for any individual who is in arrears or in default under any loan or loan program, where such arrears or default adversely affects the University in any way.

SATISFACTORY ACADEMIC PROGRESS

KYCOM complies with the Federal requirement that all students who receive financial assistance from Title IV and Title VII funds must maintain satisfactory academic progress toward attainment of the degree of Doctor of Osteopathic Medicine (D.O.). Satisfactory academic progress guidelines to maintain financial aid eligibility follow the academic policies of KYCOM and the academic oversight provided by the KYCOM Promotion and Matriculation Committee. For a KYCOM student to remain eligible to receive financial aid, the student must be in academic good standing or on an academic plan approved by either the Promotion and Matriculation Committee or by the KYCOM Dean. All courses must be passed with a grade of 70 percent or higher.

Students who are placed on financial aid suspension may appeal this decision. Student appeals should be sent to the Office of Student Financial Services and should outline the extenuating circumstances that contributed to the poor performance. Examples of extenuating circumstances are personal injury/illness, death in family, etc. If the student appeal is approved, the student will be placed on a one semester probationary status.

KYCOM students are expected to make continuous and successful progress through KYCOM's four-year program of study to satisfactorily complete the D.O. degree. For KYCOM students, the maximum time frame for financial aid eligibility is six years. The Financial Aid Office follows student academic progress through information received from the Promotion and Matriculation Committee and the Office of Graduate and Health Professions Student Affairs. The Financial Aid Office will notify students who are ineligible for continued assistance and will provide them with information regarding their repayment status. Students who are beyond the six-year maximum time-frame may consult with the Financial Aid Office for other funding options.

ACADEMIC INFORMATION

ACADEMICS

The curriculum of KYCOM is expressly designed to provide students with essential elements of the basic and clinical sciences and to meet the mission and objectives of KYCOM. The preclinical curriculum features integration of clinical applications and/ or osteopathic principles within basic science courses and forms the foundation for the third and fourth year clinical curriculum. During year one of the KYCOM curriculum students learn fundamental concepts of medicine and begin development of their physician patient care skills through educational coursework that utilizes standardized patients and human models. During year two, clinical skills development progresses and students participate in clinical encounters with community physicians. The sequence of topics is coordinated in both years so

that once a topic has been introduced in one course, it may be expanded upon in other courses. Student patient care skills and competencies are further developed in clinical rotations during years three and four.

Osteopathic Principles and Practices (OPP) Fellowship Opportunity

KYCOM offers an undergraduate teaching fellowship program in Osteopathic Principles and Practices/Anatomy. The fellowship offers an invaluable way to enhance skills in Osteopathic Manipulative Medicine and to gain experience in medical education. It is a one-year program during which OPP Student Fellows assist in teaching Osteopathic Principles and Practices and Gross Anatomy under the supervision of the course directors/department chairs. OPP Student Fellows also see patients in the KYCOM OPP clinic, and provide tutoring as needed to students requiring assistance. The OPP Student Fellowship selection process occurs during the second year, and OPP Student Fellows participate in the on-campus portion of the fellowship program in one of two different tracks during their clinical years. The fellowship program adds a year to the KYCOM curriculum and delays fellows' graduation by one year. OPP Student Fellows receive a stipend and tuition waiver for the fellowship year.

COMLEX-USA Examinations

Graduation Requirements from KYCOM include successful completion of COMLEX-USA Level 1 and Level 2 CE examinations. KYCOM requires Level 1 to be taken upon successful completion of Years One and Two of osteopathic medical education. KYCOM requires level 2 CE to be taken after successful completion of Level 1 and Years One, Two, and Three of osteopathic medical education, which includes successful completion of all core rotations.

KYCOM will use student performance on their third year Comprehensive Osteopathic Medical Achievement Tests (COMAT's), performance on the COMSAE Phase 2, and performance on KYCOM-purchased question banks and assessment tests, as indicators of readiness to pass the COMLEX Level 1 exam. Students may be advised to take additional COMSAEs or practice exams.

All students are limited to a maximum of three attempts to pass each required COMLEX-USA examination to meet graduation requirements. **Failure of three attempts on any COMLEX-USA examination will result in dismissal from KYCOM.**

For more information related to the COMLEX-USA Examinations, please refer to the *KYCOM Student Handbook*.

ACADEMIC POLICIES

KYCOM students are evaluated based on their performance on assignments, as well as on their achievements on regularly scheduled written and practical examinations. The results of the examinations, along with reports concerning attendance, conduct, and professional attributes, are considered by the KYCOM Promotion and Matriculation (P&M) Committee to determine student eligibility for promotion into the next year of the KYCOM curriculum, and for graduation.

Students must fulfill any incompletes and remediate all failures, including failure of a clinical rotation, prior to beginning the subsequent year's curriculum. Upon recommendation of the P&M committee, students may be required to complete the following before advancing to the next academic year:

- a. Pass a remedial course or examination offered by KYCOM faculty;
- b. Earn a 70% grade or better at another institution acceptable to the appropriate course director with the concurrence of the appropriate Associate Dean and the KYCOM Dean; or
- c. Repeat failed course(s) at KYCOM.

In all instances, both the original and remediated grade will be recorded on the student's transcript. The grade recorded from the remediated course in no case can be greater than 70%. In the instance of a remediated course, the 70% grade will be used when calculating the student's cumulative grade point average.

Students are expected to develop and demonstrate qualities, attitudes, and behavioral patterns appropriate to a career in osteopathic medicine and consistent with the osteopathic oath taken at the time of graduation throughout the KYCOM program of medical education. Students are expected to maintain high standards of personal and professional behavior in interactions with patients, peers, members of the health care team, and the members of

the faculty and staff, and to follow KYCOM and health care facility policies and procedures. Integrity is an essential personal quality for successful completion of this D.O. program. Further, students are expected to abide by University, local, state, and federal regulations, and laws. Student matters may be forwarded to the P&M Committee for its deliberation and recommendation on whether the student may continue in the curriculum should concerns arise in any of these areas.

For more information on KYCOM academic and student policies as well as the responsibilities of the KYCOM Promotion and Matriculation Committee, please refer to the ***KYCOM Student Handbook*** and the ***KYCOM Clinical Rotations Manual***.

OST 799 & 899

Please refer to the Clinical Rotations Manual and course syllabi for information regarding these courses.

Credit by Examination

Advanced standing is generally not granted. However, students with exceptional academic credentials earned at another college or university may petition the Associate Dean for Academic Affairs for credit for one or more courses offered by KYCOM.

Evaluation of Student Academic Performance – First- and Second-Year Courses

Examinations are regularly scheduled and are a course requirement. Students are evaluated based on their performance on assignments as well as on their achievements on written and practical examinations. The results of the examinations, along with reports concerning attendance, conduct, and potential professional attributes, are considered by P&M Committee following each semester as it determines student performance and eligibility for promotion into the next academic year.

Grades: First- and Second-Year Courses

70% is the minimum acceptable passing grade. Any final grade below 70% is a failing grade for a course. Grading policies for each individual course will be provided in the course syllabus.

Grades: Third- and Fourth-Year Courses

Information on grades issued for clinical rotations are found in the KYCOM Clinical Rotations Manual applicable to each class.

Grade Point Average Calculation

Grade point average (GPA) calculations are based on grades attained for all courses completed in the four-year KYCOM curriculum, and are numerical averages. Each course, regardless of credit hours or its duration, reports one final percentage grade for each student. Percentage grades are reported as whole numbers. These final percentage grades are weighted according to the number of credits for a particular course in calculating grade point averages. Pass/fail courses must be passed to meet curriculum requirements but are not utilized in determining grade point average.

Award of Honors

Since the 2021-2022 academic year, KYCOM recognizes superior student achievement on transcripts with an Honors designation for any course in the which student achieves a 90% or higher final grade during their first and second years. Students will receive Honors designation if they earn a score of 90 or higher on all their clinical rotations during a term.

Students must be in good academic standing with no course or COMLEX board exam failures during the term under consideration to be eligible for Honors designation. Further, students on a partial/decelerated schedule or repeating a course previously taken are not eligible for Honors designation.

Graduation with Honors

Students will graduate with Honors if they earn a cumulative average of 90 or higher during Years 1-3. They will receive a certificate and honor cords to wear during commencement.

Grade Appeals – First- and Second-Year Courses

Students may appeal a course grade if they believe it to be an error using the following process:

1. The student must submit a written request for a grade review to the Course Director within five business days of final course grades being posted. This request must include a detailed explanation of why the student believes the grade was an error and, if applicable, supporting documentation.
2. The Course Director has five business days to render a decision on the appeal and inform the student in writing of their decision to uphold the original grade or change the grade. The Course Director must report grade changes to the Office of Academic Affairs as soon as a decision is reached.
3. The student may appeal the disputed course grade to the appropriate Associate Dean if the Course Director denies the student's grade appeal. This appeal must be done in writing and within five business days of the student receiving written notice from the Course Director denying the original grade appeal.
4. The Associate Dean has five business days to render a decision on the appeal and inform the student in writing of their decision to uphold the original grade or change the grade. The Associate Dean must report grade changes to the Office of Academic Affairs as soon as a decision is reached. The decision of the Associate Dean is final and not subject to further appeal.

In cases where the Course Director is also the Associate Dean in charge of that course, the student will make one appeal to the Course Director/Associate Dean and any subsequent appeal will be made to the P&M Committee. In this situation, the decision of the P&M Committee is final and not subject to further appeal.

Grade Appeals – Third- and Fourth-Year Rotations

Students may appeal a rotation grade if they believe it to be an error using the following process:

1. The student must file a written request for a grade review with the Office of Clinical Affairs within 30 days of posting of final grades. This request must include a detailed explanation of why the student believes the grade was an error and, if applicable, supporting documentation.
2. Clinical Affairs will consider the appeal filing and will inform the student of their decision to either uphold the original grade or change the grade in writing within ten calendar days of receipt of the student appeal request. Clinical Affairs must report grade changes to the Registrar's Office as soon as a decision is reached.
3. The student may request a hearing before the P&M Committee for a final appeal of the grade the Office of Clinical Affairs denies the appeal. This request must be submitted in writing within ten calendar days of notification of the decision to deny the appeal.
 - a. Upon receipt of the appeal hearing request, the P&M Committee may:
 - i. Reject the student's appeal and uphold the original grade, or;
 - ii. Hold an appeal hearing, after which it will determine whether to uphold the original grade or change the grade. The committee will communicate its decision to the student, and the Office of Clinical Affairs in writing within 10 calendar days. The decision of the P&M Committee is subject to review and alteration by the KYCOM Dean, whose decisions are final.
 - iii. The decision of the Dean will be sent in writing to the student, P&M Committee, and the Office of Clinical Affairs. The Office of Clinical Affairs will then report grade changes to the Registrar's Office immediately upon notification.

Grade Reports

Students will be informed of their final course grades upon completion of each course in a timely manner.

Academic Warning and Academic Probation

Students who complete any course, clinical rotation, or COMLEX-USA board examination with a failing grade are automatically placed on Academic Warning by the P&M Committee. The Academic Warning status is only used internally at KYCOM and is not a reportable status on a student's transcript or to outside agencies or individuals. Students placed on Academic Warning will be required to meet with their KYCOM Faculty Advisor and the KYCOM Director of Educational Support (DES).

Students on Academic Warning are encouraged to focus on their medical studies and eliminate distractions that could detract from their academics. They are restricted from holding and club/organization or class office, may not represent KYCOM at events, and may not attend national conventions or mission trips. They may, however, still be involved with clubs and organization meetings and campus events. The Academic Warning status will be removed when the failed course or COMLEX-USA examination is successfully remediated. However, if a student is placed on Academic Warning for a failed clinical rotation, they will NOT be removed from Academic Warning when the clinical rotation is remediated.

If a student on Academic Warning failed a second course, a second clinical rotation, or a second attempt at their COMLEX-USA examination, they will be placed on Academic Probation by the P&M Committee. Students on Academic Probation are required to meet with DES and provide regular updates on their study plans and academic progress. Students on Academic Probation must be focused on their medical studies and must eliminate distractions that could detract from their academics. They are restricted from holding and club/organization or class office, may not represent KYCOM at events, and may not attend national conventions or mission trips. They are discouraged from being involved with clubs and organization meetings and campus events so they can devote time and focus on their studies. **Students on Academic Probation who fail a course, clinical rotation, or COMLEX-USA exam may be dismissed from KYCOM.**

Academic Probation and restrictions will be ended once a student successfully remediates and passed the failed courses; or COMLEX-USA examination. Any student who fails two clinical rotations will remain on Academic Probation for the remainder of their enrollment at KYCOM, and may be recommended for dismissal if they fail a third clinical rotation, even if the prior clinical rotation failures have been remediated.

Student Academic Progress

The P&M Committee regularly reviews the academic progress of students.

Administrative Leave

The P&M Committee may recommend a student for Administrative Leave to the KYCOM Dean. See *Administrative Leave* in the *Student Policies* section of the *KYCOM Student Handbook*.

Graduation Requirements

At a faculty meeting preceding commencement, the P&M Committee certifies to the faculty the names of those students eligible for the degree of Doctor of Osteopathic Medicine, contingent upon the successful completion of all academic, administrative, and financial requirements of the College. The faculty will entertain a motion to approve the candidates and submit the list to the University of Pikeville Board of Trustees for approval.

A student who has fulfilled all requirements will be granted the degree of Doctor of Osteopathic Medicine. The student requirements for graduation from KYCOM are as follows:

- Satisfactorily meets all the curricular, legal, and financial requirements of KYCOM and of the University.
- Completes all graduation requirements for the D.O. degree within six calendar years (including any Leave of Absences).
- Passes the COMLEX-USA Level 1 and Level 2 CE examinations, and Capstone within the number of attempts and timelines specified by KYCOM.
- Is at least 21 years of age.
- Demonstrates the ethical, personal, and professional qualities deemed necessary for the successful and continued study and practice of osteopathic medicine.
- Demonstrates suitability for the practice of medicine as evidenced by the assumption of responsibility for patient care and integrity in the conduct of clinical activities.
- Attends, in person, the ceremony at which the degree is conferred.

Late Graduate Status

Students who will complete their graduation requirements after the date of graduation for their class may apply to the KYCOM Dean to participate in the graduation and hooding ceremony for their classes if they have already passed their COMLEX Level 2 CE and Capstone and will complete their remaining clinical rotations before July 1 of the year of their class graduation. Students who have been approved by the KYCOM Dean as late graduates must participate in their class graduation ceremony.

December Graduation

Students who complete their graduation requirements and clinical rotations on or after July 1st and by the last day of the Fall semester as determined by the academic calendar, will be eligible to graduate with their degree on the last date of the Fall term. Because the student has graduated in the same calendar year, they will be considered a grad of the Class that graduated in May of that year. They will also be required to participate in the May graduation ceremony where the Osteopathic Oath is administered. The criteria for a December graduation will be the same as required for May graduations.

Registration Status

Full time = 4 credit hours

Part time = 2 credit hours

Withdrawing

Any student who withdraws in the first week of classes will not receive 'W' grades. If a student withdraws after the first week of classes, the 'W' grade will be visible on the transcript.

2023-2024 KYCOM CURRICULUM

FIRST YEAR

Course	OST#	Credit Hours <i>(for students entering with the class of 2018 and later)</i>
Fall Semester		
Special Topics in Medicine I	510	1
Language of Medicine	521	5
Scientific Foundations of Medicine	523	4
Cardiopulmonary & Renal Systems	524	4
Osteopathic Patient Care I	527	5
Biostatistics & Epidemiology	529	1
Integrated Case Studies I	532	2
	Fall Total	22
Spring Semester		
Special Topics in Medicine II	511	1
Osteopathic Patient Care II	528	5
Infection & Immunity	530	4
Metabolism & Nutrition, the GI System	531	4
Integrated Case Studies II	533	2
Genitourinary System & Reproduction	535	1
Nervous System with Head & Neck	536	4
	Spring Total	21
	Year 1 Total	43

SECOND YEAR

Fall Semester		
Pathology I	601	3
Pediatrics	603	3
Clinical Applications of Osteopathic Medicine I	604	2
Microbiology	606	5
Osteopathic Patient Care III	607	2
Special Topics in Medicine III	610	1
Pharmacology I	612	4
Ophthalmology & Otolaryngology	615	1
Nutrition	616	1
Psychiatry	617	1
Biomedical Skills 3	680	1
	Fall Total	24
Spring Semester		
Pathology II	602	5
Clinical Applications of Osteopathic Medicine II	605	2
Osteopathic Patient Care IV	608	2
Obstetrics & Gynecology	609	2
Special Topics in Medicine IV	611	1
Pharmacology II	613	4
Internal Medicine	614	5
Surgery	618	2
Biomedical Skills 4	681	1
	Spring Total	24
	Year 2 Total	48

BASIC SCIENCES – YEARS 1 and 2

OST 521 Language of Medicine

This course presents the macroscopic and microscopic structure of the skeletal and muscular systems of the human body. The course would encompass the anatomy, histology, and physiology of the musculoskeletal systems with an introduction to the embryology of the entire body. With the aid of clinical correlations, an introduction to pathophysiology is included in aspects of the course to introduce students to the clinical language that would be found in the healthcare environment. Course emphasis is placed on the correlation between anatomical structure and physiological function along with clinical and imaging applications. The laboratory includes such resources as cadaver dissection, bones, models, radiographs, Virtual labs, MRIs, and CT scans.

OST 523 Scientific Foundations of Medicine

This course will help students gain a solid understanding of the key concepts of cell biology, molecular biology, biochemistry, medical genetics, general principles of pharmacology, and fundamentals of pathology. Topics covered include the structure and function of cells, functions of cellular organelles, concepts of molecular biology, cytogenetics, population genetics, structure of nucleic acids, gene expression. Lectures emphasize important topics such as structure-function relationships in genetic diseases, enzyme characteristics and kinetics, cell signaling, and general principles of pharmacology and pathology. An introduction to genetic treatment strategies will also be covered including novel modalities such as gene therapy and stem cell therapy. Active learning will be combined with traditional classroom learning to create a positive and effective learning environment for the students. This course will serve as a foundation for students to study other medical courses.

OST 524 Cardiopulmonary & Renal Systems

The course is an integrative study of the anatomy, histology, and physiology of human cardiovascular, pulmonary, and renal systems. The course will focus on the relations between the structures and functions in each system as well as the relations among systems. Observation will be made on the structure and properties of living cells, tissues, and selected organ systems. Emphasis will be placed on the integration of organs/systems and homeostatic control mechanisms. Introductory concepts of pathophysiology and pharmacology will be included to highlight these control mechanisms in cardiovascular, pulmonary, and renal physiology and disease.

OST 529 Biostatistics & Epidemiology

This course is designed to introduce students to basic concepts of biostatistics and epidemiology. Students will learn how to critically evaluate published studies and understand the study design, analyses, and conclusions drawn from the studies. Students also will learn about IRB, HIPPA, medicolegal principles, and the application of evidence-based medicine in clinical practice.

OST 530 Infection & Immunity

This course combines basic clinical immunology and infectious pathogens knowledge. The immunology topics include the structure and function of the immune cells and lymphatic organs, lymphocyte development and activation, all aspects of antigen presentation, antibody diversity, complement and cytokine function, hypersensitivity reactions, and vaccinations. We also discuss transplant and tumor immunology and immunodeficiencies. The infection part of the course includes knowledge of viral, bacterial, fungal, and parasitic pathogens in the context of their morphology, pathogenicity, and host-pathogen relationship. In addition, the course introduces epidemiology, pathogen identification, infection prevention, and therapy. The laboratory sessions teach basic bacterial staining techniques and microscopy.

OST 531 Metabolism & Nutrition, the GI System

This course emphasizes the development, integration and regulation of cells, tissues and organs responsible for digesting, absorbing, utilizing and distributing dietary micro- and macronutrients. Introduction of clinically relevant nutritional deficiencies and excess, along with genetic and developmental pathologies will serve to reflect divergence from normal biochemical and physiological function. The course is designed to encourage the development of skills in analysis, preliminary diagnosis and theoretical application of nutritional, pharmacological and osteopathic treatment interventions. Cadaver dissection laboratories will assist in understanding macroscopic anatomy, while virtual microscopy laboratories will assist in recognizing key histological features.

OST 532 Integrated Case Studies I

KYCOM strives to ensure that curriculum objectives are delivered in an integrated manner to bridge the gap between basic and clinical sciences. Integrated case studies (ICS) course will help students to develop clinical reasoning, cognitive and analytical skills. The Integrated cases are designed for the first-year osteopathic medicine curriculum and are aimed to achieve certain

learning objectives of basic and clinical sciences such as anatomy, biochemistry, pathology, physiology, pharmacology, and osteopathic medicine. The cases are well aligned with the themes of lectures delivered during the same time span

OST 533 Integrated Case Studies II

This is an introductory level course for OMS students, designed to encourage clinical reasoning for the clinical knowledge base. This course uses a small-group learning structure and patient cases to reinforce concepts introduced during lectures. Topics are aligned with gastrointestinal system and metabolism, genitourinary system, nervous system and endocrine regulation, and infection/immunity topics as they are considered in related courses.

OST 535 Genitourinary System & Reproduction

This course presents the macroscopic anatomy, microanatomy, and physiological role of the urinary and reproductive systems within the context of normal function and development, with some discussion of the consequences associated with the abnormal function of these systems. Cadaver dissection laboratories will assist in understanding macroscopic anatomy, while virtual microscopy laboratories will assist in recognizing key histological features.

OST 536 Nervous System with Head & Neck

This course aims to provide a comprehensive understanding of the anatomy of the head and neck, as well as a systemic understanding of the neuroaxis and its application to common clinical situations appropriate for first year medical students.

OST 601 Pathology I

Pathology is the study of disease. The study of pathology includes the cause of disease (etiology), the mechanisms by which a causative agent leads to disease (pathogenesis), and the structural and functional consequences of disease. In this course, the student will learn fundamental concepts in pathology that are universal to better understanding human disease. These concepts include but are not limited to cell injury and tissue repair, genetic and environmental factors, neoplasia, the role of the immune system, and hemodynamic mechanisms.

OST 602 Pathology II

This course applies the general principles of pathology to a detailed examination of human disease by organ system. Laboratory tests and computer images of gross pathologic, microscopic, and radiologic materials are included to enhance student understanding of disease. Case studies and clinicopathological conferences are used to further dissect disease mechanisms and their structural/ functional consequences.

OST 606 Microbiology

This course is designed to provide the student with a basis for understanding the relationship between host defenses, the clinically significant microorganisms, their transmission, pathogenic mechanisms, and association with infectious diseases in humans.

OST 607 Osteopathic Patient Care (OPC) III

This course will be a continuation of the OPC I and II course taught during first year. This course will expand upon the concepts covered during this year that are essential for an osteopathic medical student in training to become a successful and prepared Osteopathic Physician.

OST 612 Pharmacology I

The primary goal of this course is to provide students with an understanding of how drugs and other chemical agents can modify fundamental biologic processes. Specifically, the student should appreciate how these drug actions can be utilized in the treatment, prevention, or diagnosis of various disease states. General principles, autonomic nervous system, antimicrobials, behavioral and endocrine pharmacology are included.

OST 616 Nutrition

This course examines the role of nutrition in promoting health and preventing and treating disease in both the inpatient and outpatient setting. Students will understand how nutrition fits in with treating the body as a whole tying in with osteopathic medicine. This course begins with basic nutrition and shows how this fits into disease processes like metabolic syndrome, diabetes, renal disease, heart disease and obesity. It will also illustrate how to feed a patient through enteral and parenteral nutrition. Additionally, lectures will address vitamins and minerals with an emphasize on deficiency and excess, as well as eating disorders, food allergies/intolerances and malnutrition.

CLINICAL SCIENCES – YEARS 1 and 2

OST 510, 511, 610, 611 Special Topics in Medicine I, II, III, IV

Osteopathic physicians and other professionals present lectures on specific topics related to the osteopathic profession and the practice of primary care medicine. Physician competencies, personal care, and professional behaviors.

OST 527 Osteopathic Patient Care (OPC) I

Osteopathic Principles & Practices, Patient Care and Clinician Skills Development. This course will provide first-year osteopathic medical students with an introduction to clinical osteopathic medicine, including osteopathic diagnosis and manipulative treatment (OMT), physical examination and other clinical skills. The course will cover 1) the foundational principles and practical applications of osteopathic principles, correlations with anatomic and neuromuscular physiologic concepts with OMT; 2) patient history and physical examination and documentation; 3) professionalism, humanism, effective communication and healthcare teamwork; and 4) first-responder training with simulation experiences.

OST 528 Osteopathic Patient Care (OPC) II

Osteopathic Principles & Practices, Patient Care and Clinician Skills Development. This course will build on concepts provided in OST 527. Higher order thinking, clinical reasoning and focused patient examination are emphasized. Practical skills training in diagnostic ultrasound.

OST 603 Pediatrics

Pediatrics is an informative second-year clinical didactic course that introduces KYCOM students to the diagnosis and treatment of diseases in neonates, infants, children, and adolescents. This course includes an introduction to pediatrics with the performance of a history and physical examination, immunizations, growth and development, nutrition, including fluid and electrolyte management. The course also discusses topics in neonatology, pediatric infectious diseases, allergy and immunology, cardiology, dermatology, hematology and oncology, renal disorders, neurology, gastroenterology and hepatology, pulmonology and asthma, pediatric endocrinology, behavioral medicine, congenital abnormalities and syndromes, rheumatic diseases of childhood, autism, child abuse, and pediatric emergencies.

OST 604 Clinical Applications of Osteopathic Medicine I

Osteopathic diagnosis and treatment techniques and functional anatomy learned in the first year will be reviewed and advanced principles will be added to enhance the existing knowledge base. Lecture and practical material will be presented in an integrated fashion with reading and/or video assignments to be completed in advance of the didactic/lab experience. Other laboratory experiences will include the presentation of clinical scenarios in small group format, review of documentation and development of diagnostic and treatment plans. The second-year student will also serve in the KYCOM OMT clinic.

OST 615 Ophthalmology/Otolaryngology

This course is for the second-year osteopathic medical student. It is designed to serve as a preparatory course for the third-year clinical experience. The course is didactic in nature and is presented in PowerPoint lecture format. Topics for discussions in otorhinolaryngology include, but not limited to otology, upper and lower aerodigestive tract dysfunctions, laryngeal disorders, neck and face disorders. Topics for discussion in ophthalmology include the seven common problem areas, including, but not exclusive to vision loss, amblyopia/ strabismus, neuro-ophthalmology, ocular/orbital injuries, ocular manifestations of systemic disease, the red eye, and medications for the eye. Students should review anatomy as it pertains to the ears and eyes prior to this course. Review material will be uploaded to the course homepage.

OST 617 Psychiatry

This is an introductory level course in behavioral medicine for the second-year osteopathic medical student. It is designed to serve as a preparatory course for the third year and fourth year clinical experience as well as usage throughout clinical practice. The course is didactic in nature and is presented in PowerPoint lecture format to discuss the diagnosis, classification, and treatment modalities of behavioral disorders noted in the general public and in primary care medicine. Topics for discussions include, but not limited to thought disorders, mood disorders, anxiety disorders, organic disorders, disorders in children, and psychopharmacology.

OST 680 Biomedical Skills 3

This course will build on earlier biomedical skills training to provide second-year osteopathic medical students (OMS-2s) with an introduction to the principles and practical applications of simulated and non-simulated clinical experiences. Although it will also offer a significant amount of didactic content, the primary focus of this course will be working in small groups to practice clinical skills, then applying those skills in a series of increasingly complex and realistic simulated clinical interactions with (simulated) patients, patient friends and family members, bystanders, and fellow healthcare team members.

OST 605 Clinical Applications of Osteopathic Medicine II

The practical application of osteopathic principles to clinical situations is emphasized. Clinical topics include: Low Back Pain, Neck and Upper Extremity Pain, Headache, Orthopedic and Rheumatologic illness, Pregnancy and Gynecological problems, Respiratory illness, Cardiovascular disease, Gastrointestinal illness. This course also covers the approach to treatment of the hospitalized, post-surgical, and pediatric patients. By the end of this semester, students will have the knowledge and skill to apply osteopathic principles and treatment in most situations they will encounter during the clinical years of training.

OST 608 Osteopathic Patient Care (OPC) IV

This second year course is a continuation of the OPC I-III course series and serves to further expand and develop the world of osteopathic patient care through a multifaceted approach. The course will include weekly didactic and practical laboratory/group discussion series, self-directed and online exercises (via case scenarios and/or preparation of an interesting evidence-based patient case presentation in conjunction with the student's scheduled KYCOM Clinical Experience(s)). Emphasis will be placed on additional development of proper history-taking and physical examination skills, critical thinking skills, ordering and interpreting pertinent labs and other studies (e.g. EKGs, CXR, blood work, etc.), differential diagnosis formulation, construction of treatment plans, and doctor-patient communication skills. Other essential components of the course include physicians' relationships with patients and social dilemmas in medicine. The course includes an opportunity for students to interact with Standardized Patients/Human models and simulation(s) where appropriate.

OST 609 Obstetrics/Gynecology

This is a course that introduces KYCOM students to gynecological disorders and their treatment, including malignancies, family planning, diseases, infections, obstetrics, and preventive care.

OST 613 Pharmacology II

This course is an in depth study of medical pharmacology emphasizing the basis for applied clinical therapeutics. All major classes of pharmacological agents used by today's physician are evaluated. Cellular mechanisms of action are studied in detail, particularly with regard to pathological abnormalities. When applicable, case studies involving applied therapeutics are utilized to illustrate the pharmacological basis of drug therapy. Pharmacology II will focus on drugs useful for various organ systems including: cardiovascular, renal, gastrointestinal, respiratory, and hematopoietic. In addition, the pharmacology of histamine, NSAIDs, gout, arthritis, and cancer chemotherapy will be covered. The course concludes with a series of Special Topics in Pharmacology.

OST 614 Internal Medicine

This is a course that reinforces KYCOM student knowledge of clinical topics in the diagnosis and treatment of various specific disease states. Lectures cover Cardiology, Neurology, Pulmonology, Rheumatology, Nephrology, Gastroenterology, Emergency Medicine, and other subspecialty subjects. It is designed as a preparatory course for third-year clinical rotations. Students will also receive certification in Basic Cardiac Life Support (BCLS) and Advanced Cardiac Life Support (ACLS).

OST 618 Surgery

This course reinforces KYCOM student knowledge of clinical topics of general surgery and surgery subspecialties. Lectures encompass various surgical topics that include general, cardiothoracic, orthopedic, and urologic surgery. It is a preparatory course for third-year clinical rotations.

OST 681 Biomedical Skills 4

This is a simulation-based companion course for the year-two osteopathic medical curriculum. Introduction to surgical skills - gowning & gloving, surgical drain placement, chest tube placement, suturing, laparoscopic skills training, central line placement, and lumbar puncture / sample collection with epidural injection technique training. This essential preparatory training for the clinical rotations also focuses on introduction to management of obstetrical emergencies; advanced airway management - intubation, mechanical ventilator management, and Advanced Cardiovascular Life Support (ACLS) with certification-level training skills training.

OVERVIEW OF CLINICAL ROTATION CURRICULUM – YEARS 3 and 4

The mission of the University of Pikeville - Kentucky College of Osteopathic Medicine (KYCOM) centers on preparation of students as competent practitioners of primary care medicine. A successful KYCOM graduate will, after completion of the program, demonstrate sufficient knowledge, skill sets, experiences, values, and behaviors that meet established professional standards, supported by the best available medical evidence, that are in the best interest of the well-being and health of the patient. The maturation process from clinical years three to four, and ultimately to successful graduation is the shared responsibility of the individual student, KYCOM, and the hospitals and physicians that provide the clinical experiences.

Students are assigned to third-year Core Clinical Rotations at KYCOM clinical sites within Kentucky and at clinical sites in surrounding states and beyond. The required Core Clinical Rotations include Family Medicine, General Internal Medicine, Pediatrics, General Surgery, Women’s Health, OPP and Psychiatry. The required Selective Clinical Rotations consist of Emergency Medicine, Clinical Osteopathic Medicine, Internal Medicine subspecialty, Rural Medicine, and Women’s Health.

During the third and fourth years, a total of 19 four-week rotation blocks and 2 four-week blocks of COMLEX-USA board preparation and/or selective or elective rotations have been provided to complete 76 weeks of rotation requirements that include:

1. 36 weeks of required Core Clinical Rotations (9 blocks)
2. 20 weeks of required Selective Clinical Rotations (5 blocks)
3. 20 weeks of Elective Clinical Rotations (5 blocks)
4. 8 weeks for COMLEX-USA exam preparation (2 blocks)

The schedule includes two weeks at the end of the third year devoted to clinical skills evaluation plus four weeks of winter holiday breaks (2 weeks per year, per KYCOM calendar).

YEAR 3 REQUIRED CLINICAL ROTATION DESCRIPTIONS

Each required clinical rotation is 4 weeks in length. For students entering in the Class of 2018 and later, each 4-week rotation is 4 credit hours.

OST 705 Women’s Health

Women’s Health is a mandatory third-year core rotation. The third year osteopathic medical student is introduced to the evaluation and management of the adult female patient in inpatient and outpatient settings. Preventive care, family planning, malignancy, infectious diseases, urinary, ovarian and uterine disorders, endocrine disorders, and the obstetrical patient are inclusive within the women’s health program.

OST 706 Pediatrics I

Pediatrics I is a mandatory third-year core rotation. The third year osteopathic medical student is progressed from the second year introductory pediatrics course to experience the care of infants, children, and adolescents in the out-patient population. Common childhood diseases, genetic and developmental disorders, preventive health care, physical examination skills, and diagnosis and management strategies are among the rotation’s experiences.

OST 708 Family Medicine I

Family Medicine I is a mandatory third year core rotation that may be served in either the inpatient or outpatient setting. The third year osteopathic medical student is progressed from the clinical courses introduced during the two pre-clinical years to their application in patient care. A hospital setting is preferable, however, course objectives can be achieved in an office setting. Preventive care, family planning, end of life care, acute and chronic care applied across all age groups, coordination of medical services, and the operation of a professional practice are among the many experiences gained over the four weeks.

OST 709 Family Medicine II

Family Medicine II is a mandatory, third year core rotation that may be served preferably in an office based setting, however, can be accomplished in an inpatient setting. The osteopathic medical student is, under preceptor supervision, actively engaged in both the care and the medical decision-making for both the inpatient and outpatient population. During the four weeks, the osteopathic medical student will evaluate patients, develop comprehensive care plans, and experience the responsibilities associated with physician actions. Prerequisite: OST 708.

OST 710 Emergency Medicine

Emergency Medicine is a mandatory, four-week, hospital-based, third- or fourth-year core rotation that affords the medical student the opportunity to learn in an Emergency Medicine setting. The osteopathic medical student, under the supervision of an emergency medicine specialist, 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 clinical skills and evidence-based medicine is achieved with an emphasis on didactic discussions, and the development of clinical skills. Pre-requisites: General Internal Medicine I, General Internal Medicine II, Family Medicine I, General Surgery, Pediatrics, and Woman's Health.

OST 718 Psychiatry

Psychiatry is a mandatory, third year core rotation served in an inpatient setting. The osteopathic medical student is, under preceptor supervision, actively engaged in the evaluation and care for the hospitalized psychiatric patient. During the four weeks, the osteopathic medical student will interview and evaluate patients, perform an admission history and physical on all admitted patients, and develop multiaxial assessments on all patients seen.

OST 720 General Internal Medicine I

General Internal Medicine I is a mandatory hospital-based, third year core rotation. The third-year osteopathic medical student is progressed from second year courses, Introductory Internal Medicine and Clinical Applications of Osteopathic Medicine I and II to practical application in the hospital setting. Students will develop their understanding of the pathophysiology of cardiovascular, cerebrovascular, pulmonary, renal, gastrointestinal, and endocrine disorders from 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, hospital care, and discharge of the patients served.

OST 721 General Internal Medicine II

General Internal Medicine II is a mandatory hospital-based, third year core rotation. The osteopathic medical student, under the supervision of a general internist and residents, is encouraged to incorporate evaluative skills and experience-based medical information to develop a comprehensive treatment regimen based on logical medical decision-making. Prerequisite: OST 720.

OST 740 General Surgery I

General Surgery I is a mandatory third-year core rotation. The third year osteopathic medical student is introduced to the evaluation and management of the surgical patient in the hospital setting. Objectives include: 1. To provide a framework for care of the surgical patient, 2. To identify and apply core osteopathic concepts to the care of the surgical patient, 3. To experience the pathophysiology relevant to affected organ systems and the efficacy of surgical care, 4. To expose students to an evaluative approach to diagnosis and management of the surgical patient by use of physical examination, laboratory and diagnostic testing, evidence-based medicine, and 5. To provide knowledge of common operative procedures and equipment.

OST 750 Osteopathic Patient Care for Clinical Rotations I (4 credit hours)

This third-year course is a continuation of the OPC I-IV courses and will serve to further expand and develop the world of osteopathic patient care through a multifaceted approach. The course is a standard didactic program for third year students and a companion course to the clinical rotations. Content consists of recorded modules and online exercises that align with each rotation as the student progresses through the required core rotations. Content is delivered via video recordings in addition to pre-video and post-video exams through the LMS. Essential components of the course will include reinforcement of principles of medical issues incurred after graduation including but not limited to, osteopathic manipulative treatment, physicians' relationship with patients and social dilemmas in medicine, pain management, physician payment systems, substance abuse, landmark trials and Good Samaritan laws. Additionally, the course will incorporate many of the other requirements required of third year students, including but not limited to Level 2 board study activities, preparation for the application and match process, journal clubs and other assignments. Consolidation of these requirements will facilitate monitoring of progress for the students and KYCOM administration, faculty and staff. OST 750 will take the place of but is not equivalent to OST 703. Students who have taken OST 703 and for some reason are moved to the next class may be required to take OST 750 despite having completed portions of the course that were in OST 703.

OST 751 Osteopathic Patient Care for Clinical Rotations II (4 credit hours)

This third-year course is a continuation of the OPC I-IV courses and will serve to further expand and develop the world of osteopathic patient care through a multifaceted approach. The course is a standard didactic program for third year students and a companion course to the clinical rotations. Content consists of recorded modules and online exercises that align with each rotation as the student progresses through the required core rotations. Content is delivered via video recordings in addition to pre-video and post-video exams through the LMS. Essential components of the course will include reinforcement of principles of medical issues incurred after graduation including but not limited to, osteopathic manipulative treatment, physicians' relationship with patients and social dilemmas in medicine, pain management, physician payment systems, substance abuse, landmark trials and Good Samaritan laws. Additionally, the course will incorporate many of the other requirements required of third year students, including but not limited to Level 2 board study activities, preparation for the application and match process, journal clubs and other assignments. Consolidation of these requirements will facilitate monitoring of progress for the students and KYCOM administration, faculty and staff. OST 751 will take the place of but is not equivalent to OST 704. Students who have taken OST 704 and for some reason are moved to the next class may be required to take OST 751 despite having completed portions of the course that were in OST 704.

OST 780 Biomedical Skills 5

Capstone Course for core clinical discipline training. Basic Life Support (BLS) Recertification and clinical scenarios testing (objective structured clinical evaluation) and skills performance feedback leading to attestation of clinical competence.

OST 799 Independent Study I

This is an independent study course in which students will be provided a detailed individualized study plan to prepare them for their COMLEX-USA Level 1 examination. The study plan will include required assessments to provide weekly benchmarks for preparedness, as well as usage of specified question banks and study resources. The course will be four weeks in duration, but can be continued in four week increments as approved by the course director as long as the student is preparing for their COMLEX-USA retake examination. In addition, if necessary, this course may be repeated approved by the course director and the Promotions and Matriculation Committee if the student's board examination retake is not passed. The primary goal of this course is to provide the student additional time and structure to prepare for the COMLEX-USA Level 1 examination.

YEAR 4 SELECTIVE AND ELECTIVE COURSE DESCRIPTIONS

OST 800 Clinical Osteopathic Medicine

Clinical Osteopathic Medicine is a mandatory SELECTIVE rotation. This rotation is intended to give student the opportunity to apply the principles and techniques they've studied over the first two years in the context of the patient care experience. The understanding of the interrelationships of the body systems, and the interpretation of physical findings are incorporated into the diagnosis and treatment of muscular, articular, visceral and other structural dysfunction. The osteopathic medical student is introduced to the osteopathic approach to evaluation and management of medical/surgical patients in both the outpatient and hospital setting.

OST 801 OPP Online Selective

The OPP Online Rotation course focuses on the integration of OPP, including osteopathic manipulative treatment (OMT), into clinical problem solving and patient care. The clinical conditions covered each week will be based on the top diagnoses coded nationally for each covered organ-system or specialty. Special emphasis will be placed on the top outpatient clinical diagnoses coded by osteopathic physicians as documented by the National Ambulatory Center Database and those diagnoses that respond well to adjunctive OMT. The rotation objectives will be achieved through self-study modules, directed literature searches, online group discussions and other activities. Student success will be assessed through multiple choice quizzes on the modules, graded article summaries and participation in group discussions. These grades will be combined with the COMAT score. The overall course grade will be recorded as Pass/Fail.

OST 803 Osteopathic Patient Care VII

This fourth-year course is a continuation of the OPC I-IV courses and will serve to further expand and develop the world of osteopathic patient care through a multifaceted approach. The course is a standard didactic program for fourth year students and consists of recorded modules and online exercises (via Panopto Video Center and/or the AOPTIC website in addition to pre-video and post-video exams through the LMS). Essential components of the course will include reinforcement of principles of medical issues incurred after graduation including but not limited to, osteopathic manipulative treatment, physicians' relationship with patients and social dilemmas in medicine, pain management, physician payment systems, substance abuse, landmark trials and Good Samaritan laws. The course will focus on inter professional education (IPE) and osteopathic principles and practices (OPP).

OST 808 Addiction Medicine

Addiction Medicine is an elective, third or fourth year medical student, four-week rotation, served primarily in an in-patient setting. The elective is intended for the osteopathic medical student to experience the reality of the physician-patient relationship through an active and observational clinical experience. The osteopathic medical student is, under preceptor supervision, and actively engaged in the evaluation and care for both the hospitalized and ambulatory patient. During the four weeks, the osteopathic medical student will interview and evaluate patients, perform an admission history and physical on all admitted patients, and develop assessments and care plans on all patients seen.

OST 809 Rural Medicine

Rural Medicine is a mandatory primary care selective rotation, and is four weeks in duration. It is an upper level third or fourth year course that may be served preferably in an office based setting, however, can be accomplished in a hospital out-patient clinic. The osteopathic medical student is, under preceptor supervision, actively engaged in both the care and the medical decision-making for the delivery of the healthcare needs to the out-patient population. During the four weeks, the osteopathic medical student will evaluate patients, develop comprehensive care plans and experience the responsibilities and challenges associated with physician care in a medically underserved area. Requisites: Community Population < 5000 people, Nearest Full Service Hospital > 50 miles, Local Hospital Bed Capacity < 100 beds, and Preceptor Specialty may include Family Medicine, Internal Medicine, Pediatrics, or Women's Health. Prerequisites: Family Medicine I, Family Medicine II, General Internal Medicine I, Pediatrics, General Surgery I, and Women's Health.

OST 865 Medicine Selective (Cardiology, Dermatology, Endocrinology, Gastroenterology, Hematology/Oncology, Infectious Diseases, Nephrology, Pulmonary Medicine)

The medical selective is a four-week clinical rotation that may be served with subspecialists from the general fields of family medicine, internal medicine, or pediatrics. The osteopathic medical student is given the opportunity to observe and participate in the management and care of patients referred for specialty consultation. The experience can serve either the in-patient or out-patient population. Prerequisites: Completion of Internal Medicine I, Family Medicine I and Pediatrics.

OST 865 Medicine Selective in Radiology

Radiology may be a two or four-week clinical rotation. The Radiology rotation can fulfill the medical selective requirement or can serve as elective time. It can be served with a radiologist within the following areas: general diagnostic radiology, pediatric radiology, vascular and interventional radiology, nuclear radiology, or neurological radiology. The osteopathic medical student is given the opportunity to observe and perhaps participate in the interpretation, performance and care of patients referred for imaging, and/or consultation. The experience can serve either the in-patient or out-patient population. Suggested areas of study may include computed tomography of the head, neck, abdomen and axial skeleton; magnetic resonance imaging of neural and vascular structures; diagnostic ultrasound of vascular structures, abdomen and pelvis; screening or diagnostic mammography; and nuclear radiology for endocrine, vascular and skeletal diagnosis. Prerequisites: General Internal Medicine I or Family Medicine I, Women's Health, Pediatrics and General Surgery.

OST 865 Radiology Online Medicine Selective

Diagnostic Radiology is a four-week course to be completed online through the university LMS. The Radiology course can fulfill the medical selective requirement or can serve as elective time. This online course will cover: general diagnostic radiology, pediatric radiology, vascular and interventional radiology, nuclear radiology, neurological radiology, and breast imaging. This course will serve to further expand and develop the world of radiology to the osteopathic medical student. (Section: Z3 – 3rd Year 4 week Online)

OST 886 Surgery Selective or Elective

The surgery selective is a hospital based, four-week clinical rotation that may be served with the subspecialists from the surgery field. The fourth year osteopathic medical student is engaged to exercise diagnostic skills to evaluate the surgical patient, hone surgical skills as an assistant in the operating room suite, and develop an appreciation for evidence based surgical care criteria. Assignments are inter-disciplinary, and subject to the operative schedule. Suggested surgical departments may include colorectal, urologic, head and neck, cardiovascular, peripheral-vascular, thoracic, and neurosurgery. Prerequisite: General Surgery

OST 896 International Rotation

This international rotation is a four-week fourth year rotation that is completed in an out-patient setting. The osteopathic medical student is, under preceptor supervision, actively engaged in both the care and the medical decision-making for the delivery of the healthcare needs to the out-patient population. During the four weeks, the osteopathic medical student will evaluate patients, develop comprehensive care plans and experience the responsibilities and challenges associated with physician care in a medically underserved area. A maximum of eight weeks may be completed on an international rotation. See the U.S. Department of State website for travel advisory levels. Only Level 1 or Level 2 travel advisory areas will be approved. Prerequisites: Family Medicine I, Family Medicine II, General Internal Medicine I, General Surgery I, Pediatrics, and Women's Health

OST 899 Independent Study II

This is an independent study course in which students will be provided a detailed individualized study plan to prepare them for their COMLEX-USA Level 2CE examination. The study plan will include required assessments to provide weekly benchmarks for preparedness, as well as usage of specified question banks and study resources. The course will be four weeks in duration, but can be continued in four week increments as approved by the course director as long as the student is preparing for their COMLEX-USA retake examination. In addition, if necessary, this course may be repeated approved by the course director and the Promotions and Matriculation Committee if the student's board examination retake is not passed. The primary goal of this course is to provide the student additional time and structure to prepare for the COMLEX-USA Level 2CE examination.

KYCOM GENERAL ELECTIVES

OST 583 Introduction to Healthcare Simulation

This course provides a comprehensive introduction to modern healthcare simulation (HS), including the historical origins of HS; types of simulators, including mannequins, task trainers, standardized patients, "serious games," and virtual and enhanced reality; types of HS programs; funding and management of HS programs; educational development in HS; faculty development in HS; HS research; and HS standards and accreditation. Required components include weekly discussion forum participation, weekly assignments, and completion of a Final Project with a class presentation of project outcomes.

OST 599 Learning Strategies in Science and Medicine

This is a course for those entering the first year of medical school, or needing a refresher on learning biomedical sciences, adjusting to the demands of health professions education and the academic environment of professional school. It includes an introduction to case-based learning, problem-based learning, and multiple-choice testing.

OST 950 Elective Course: Research Methodology

This course offers students in the second semester of year one the opportunity to develop a research project. First "An overview of research methodology including basic concepts employed in quantitative and qualitative research methods". The main objective of this course is to give guidance to students when pursuing their research project. This course describes all phases of the research including but not limited to, formulating a hypothesis, performing literature search, designing the study, writing the prospectus, collecting data, analyzing data, writing results in manuscript format for ultimate submission for publication. The course was designed such a way that both non-experienced students and those with previous research experience will find the course provides insight.

OST 960 Military Medical Systems Elective

Military medical care spans basic preventive care; combat medicine; dietetics; and research-driven roles in the laboratory. The overarching goal is to improve the lives of soldiers and their families. In this course, you will complete the requirements for officer training of your branch of military service during an elective rotation in your normal training sequence. You can expect to learn about the different facets of military medical care and how the military combines these facets to serve soldiers, veterans, dependents, and the global community as a whole.

OST 965 The Mindful Physician

This elective course provides a survey of mindfulness practices that develop physician capacities for delivering high-quality care. The evidence for mindfulness practices in healthcare will be examined, with a focus on those known to influence physician qualities of curiosity, presence, and compassion. The potential impact of mindfulness practices on physician mental health will also be explored.

ASSESSMENT OF AOA CORE COMPETENCIES

The AOA supports seven core competencies, the first being “osteopathic philosophy and osteopathic manipulative medicine (OMM).” Osteopathic medicine is a complete system of medical care with a philosophy that combines the needs of the patient with the current practice of medicine, and emphasizes the interrelation between structure and function that appreciates the body's ability to heal itself.

Osteopathic philosophy is a concept of healthcare that embraces the unity of the living organism's structure (anatomy) and function (physiology). Osteopathic philosophy emphasizes the following principles:

- The human being is a dynamic unit of function,
- The body possesses self-regulatory mechanisms that are self-healing in nature,
- Structure and function are interrelated at all levels, and
- Rational treatment is based on these principles.

In addition to competency in osteopathic philosophy and OMM, the AOA's core competencies include osteopathic patient care, medical knowledge, practice-based learning and improvement, interpersonal and communication skills, professionalism, and systems-based practice. For example, osteopathic philosophy requires that residents and physicians demonstrate evidence that preventive medicine is part of the treatment plan for patient care (OPC), that the patient's family is involved in decision making (ICS), and that osteopathic manipulative treatment (OPP) is documented in the treatment plan (PBL). The AOA Core Competencies and the assessment methods utilized by KYCOM to measure these competencies are described in the student assessment plan that follows.

AOA CORE COMPETENCY DESCRIPTIONS: 2018 BLUE RIBBON COMMISSION OUTCOMES

Osteopathic Principles and Practices (OPP)

- OPP 1.1. KNOWLEDGE OF OSTEOPATHIC PRINCIPLES, PRACTICE, AND OMT
- OPP 1.2 SKILLS IN OSTEOPATHIC PRINCIPLES, PRACTICE, AND OMT
- OPP 1.3 INTEGRATION OF OSTEOPATHIC PRINCIPLES, PRACTICE, AND OMT INTO CARE

Osteopathic physicians must demonstrate knowledge of osteopathic principles and practice such that care of patients is approached from the distinct behavioral, philosophical, and procedural aspects of osteopathic medical practice related to the four tenets of osteopathic medicine: 1) the body is a unit; the person is a unit of body, mind, and spirit; 2) the body is capable of self-regulation, self-healing, and health maintenance; 3) structure and function are reciprocally interrelated; and 4) rational treatment is based on an understanding of the basic principles of body unity, self-regulation, and the interrelationship of structure and function. osteopathic physicians must recognize, diagnose, and treat patients with somatic dysfunction using osteopathic manipulative treatment (OMT) in the clinical setting. While osteopathic tenets are considered foundational to the other competency domains herein, this classification emphasizes the distinctive osteopathic foundation and approach to patient care, including osteopathic principles, the treatment of somatic dysfunction, and the use of OMT.

Osteopathic Patient Care (OPC)

- OPC 2.1 DATA GATHERING
- OPC 2.2. DIFFERENTIAL DIAGNOSIS
- OPC 2.3 ESSENTIAL CLINICAL PROCEDURES.
- OPC 2.4 PATIENT CARE MANAGEMENT
- OPC 2.5 PATIENT EDUCATION.

Osteopathic physicians must provide osteopathic medical care that is patient centered, compassionate, safe, effective, evidence based, timely, efficient, and equitable in order to promote health and the body's self-regulatory and self-healing nature, in both the care of the patient and the care of communities and populations. Osteopathic physicians must provide these elements of effective osteopathic patient care, as appropriate to their scope of practice, to patients in a broad range of diverse and special populations in varied clinical settings, including outpatient, inpatient and home care settings, across the lifecycle.

Medical Knowledge (MK)

- MK 3.1 FOUNDATIONAL BIOMEDICAL SCIENCES KNOWLEDGE BASE
- MK 3.2 CLINICAL SCIENCES KNOWLEDGE BASE
- MK 3.3 CONTINUOUS KNOWLEDGE-BASE DEVELOPMENT AND LIFELONG LEARNING

Osteopathic physicians must demonstrate the understanding and application of established and evolving principles of foundational biomedical and clinical sciences integral to the practice of patient-centered osteopathic medical care. As with the other competency domains, application of knowledge is about ability (ie, knowledge put into action). Cognitive and other learning science theorists explain that the acquisition of declarative knowledge in biomedical and clinical sciences, the conscious knowledge that something is the case, progressively transforms into procedural knowledge (knowing how to do something). This gradual transformation leads the osteopathic physician to develop a problem and task-specific knowledge base that is integrated across individual disciplines. It is this knowledge base that provides a foundation for competent patient-centered osteopathic medical care. An osteopathic physician with a fluent knowledge base in foundational biomedical and clinical sciences, for example, would be able to explain principles of health, disease, and diagnostic and treatment options to patients. Included in this knowledge base is the articulation of core scientific and clinical practice principles relevant to osteopathic medical practice (eg, health and the body's innate capacity to heal, differential diagnoses, disease etiologies, indications and contraindications, assessment of the risks and benefits of diagnostic and therapeutic interventions).

Osteopathic Medical Practice-Based Learning and Improvement (PBL)

- PBL 4.1 FUNDAMENTAL EPIDEMIOLOGIC CONCEPTS
- PBL 4.2 CLINICAL DECISION-MAKING TOOLS
- PBL 4.3 EVIDENCE-BASED MEDICINE PRINCIPLES AND PRACTICES
- PBL 4.4 CLINICAL SIGNIFICANCE OF RESEARCH EVIDENCE AND STATISTICAL INFERENCES
- PBL 4.5 TRANSLATING EVIDENCE INTO PRACTICE AND CONTINUOUS LEARNING
- PBL 4.6 CONTINUOUS EVALUATION, FEEDBACK, AND REFLECTION FOR THE IMPROVEMENT OF OSTEOPATHIC CLINICAL PRACTICE

Practice-based learning and improvement is the continuous self-evaluation of osteopathic medical practice, utilizing evidence-based medicine approaches to develop best practices that will continuously improve patient experiences of care, reduce inefficiencies and redundancies, and result in optimal and equitable patient care outcomes. Osteopathic physicians must assimilate and apply evidence-based medicine principles and practices, fundamental biostatistical and epidemiologic concepts, clinical decision-making skills, and methods to evaluate relevance and validity of established and evolving scientific evidence. Osteopathic physicians must also appraise the clinical significance of research evidence. Osteopathic physicians must demonstrate the use of best medical evidence, practical strategies for integrating evidence-based principles and practices into patient care, and systematic methods relating to continuous self-evaluation of clinical practice patterns and practice-based improvements, including those that reduce medical errors and promote health. Osteopathic physicians must set learning and quality improvement goals and must incorporate feedback and reflection into daily practice.

Interpersonal and Communication Skills (ICS)

- ICS 5.1 ELICITING INFORMATION
- ICS 5.2 RAPPORT BUILDING
- ICS 5.3 INFORMATION GIVING
- ICS 5.4 WRITTEN AND/OR ELECTRONIC DOCUMENTATION AND COMMUNICATION

Osteopathic physicians must demonstrate the knowledge, skills, experience, attitudes, values, and behaviors that facilitate accurate and efficient information gathering, empathetic rapport building, and effective information giving in interactions with the patient and surrogates, the patient's family members and caregivers, and other members of the interprofessional collaborative team. Osteopathic physicians must also demonstrate the ability to effectively document and synthesize clinical findings, diagnostic impressions, and diagnostic and treatment instructions in

verbal, written, and electronic format. Communication in the English language is essential, as is communication with other members of the health care team, patients, and others when language barriers or other challenges to effective communication are encountered. Interpersonal and communication skills for osteopathic medical practice are based on the incorporation of appropriate knowledge, experience, attitudes, values, and behaviors to determine the nature of the patient's concern or complaint; to develop, maintain, and conclude the therapeutic relationship; and to facilitate patient education, shared decision making, and implementation of diagnostic and care plans. These skills include active listening involving verbal and nonverbal behaviors, as well as effective documentation and synthesis of clinical findings and impressions. This set of knowledge, skills, experience, attitudes, values, and behaviors extends to the medical interview and to communication with the patient, family members, caregivers, and other members of the interprofessional collaborative team. It is essential for osteopathic medical practice that the approach be patient centered, holistic, comprehensive, compassionate, and respectful, contributing to an understanding of the patient, family, and caregiver perspectives and facilitating trust and therapeutic patient-physician relationships.

Professionalism (P)

- P 6.1 KNOWLEDGE OF ETHICS AND PROFESSIONALISM
- P 6.2 HUMANISTIC BEHAVIOR
- P 6.3 PRIMACY OF PATIENT NEED
- P 6.4 ACCOUNTABILITY AND DUTY IN THE PHYSICIAN-PATIENT RELATIONSHIP
- P 6.5 CULTURAL COMPETENCY
- P 6.6 ETHICAL PRINCIPLES IN PRACTICE AND RESEARCH

Osteopathic physicians must understand and adhere to the ethical, behavioral, and social science principles that underpin medical professionalism competency, demonstrating accountability to patients, society, and the profession. Osteopathic physicians must consistently display high moral and ethical standards in the conduct of medical education, training, research, and practice. This conduct includes properly establishing, maintaining, and concluding the physician-patient relationship in a manner that is altruistic, compassionate, and conscientious. Osteopathic physicians must exemplify integrity, humanistic behavior, and a responsiveness to the needs of patients that supersedes self-interest. They must show respect for the patient as a person and demonstrate cultural sensitivity and responsiveness to a diverse patient population. While professionalism also includes a commitment to excellence and continuous professional development, these attributes are classified in the PBL domain.

Systems-Based Osteopathic Medical Practice (SBP)

- SBP 7.1 HEALTH SYSTEMS AWARENESS
- SBP 7.2 ENGAGEMENT WITH INTER-PROFESSIONAL HEALTH CARE TEAMS FOR OPTIMAL PATIENT- AND POPULATION-CENTERED CARE
- SBP 7.3 ABILITY TO INCORPORATE CONSIDERATIONS OF COST AWARENESS AND RISK-BENEFIT ANALYSIS IN CARE
- SBP 7.4 ADVOCACY FOR ALL PATIENTS WITHIN THE HEALTH CARE SYSTEM
- SBP 7.5 IMPROVEMENT OF HEALTH SYSTEMS AND PATIENT SAFETY

Osteopathic physicians must understand the larger context and systems of health care and a broader system of linked goals. They will effectively identify and utilize system resources to maximize the health of the individual and the community or population at large. This facilitates improving the individual experience of care, improving the health of populations, and reducing the per capita costs of care. Osteopathic physicians must work well as members and leaders of an interprofessional health care team, identifying areas for improvement to promote care and a culture that enhances quality and patient safety, as well as reduce medical errors, inequities, needless pain and suffering, helplessness, and waste and other inefficiencies.

KYCOM STUDENT ASSESSMENT PLAN

Mission Statement

The mission of the University of Pikeville - Kentucky College of Osteopathic Medicine (KYCOM) is to provide men and women with an osteopathic medical education that emphasizes primary care, encourages research, promotes lifelong scholarly activity, and produces graduates who are committed to serving the health care needs of communities in rural Kentucky and other Appalachian regions.

The Goals and Objectives of the DO Program are derived from the seven core Osteopathic Competencies, as described in the 2018 Blue Ribbon Commission Report.

Goals and Objectives	Outcomes	Assessment Methods	Additional Tools
<p>To educate Osteopathic medical students in the art and science of osteopathic medicine using the most current research in clinical and basic sciences.</p> <p>a. Provide opportunities for research and scholarly activity for students and faculty.</p> <p>b. Advance medical knowledge and the quality of health care through educational, scientific, and clinical research.</p>	<p>Osteopathic Philosophy and Osteopathic Manipulative Treatment (OPP)</p> <p>The Candidate shall demonstrate...</p> <p>OPP 1.1: KNOWLEDGE OF OSTEOPATHIC PRINCIPLES, PRACTICE, AND OMT</p> <p>OPP 1.2: SKILLS IN OSTEOPATHIC PRINCIPLES, PRACTICE, AND OMT</p> <p>OPP 1.3: INTEGRATION OF OSTEOPATHIC PRINCIPLES, PRACTICE, AND OMT INTO CARE</p>	<p>First and Second Year:</p> <ul style="list-style-type: none"> • OPP course/lab • OPC course/lab • ISAs and OSCEs • Clinical Involvement • COMLEX Level 1 • Block exams • In-class quizzes <p>Third and Fourth Year:</p> <ul style="list-style-type: none"> • KYCOM Video/OMT grand rounds • 4th year case presentation • Clinical rotations • COMLEX Level 2-CE • KYCOM Alumni Survey 	<ul style="list-style-type: none"> • External Surveys including the AACOM Survey of Student Indebtedness and Career Plans • COMLEX Level 3
<p>To provide a curriculum that promotes and measures student competencies to enhance the development of future osteopathic physicians who are competent practitioners of patient-centered, quality medical care.</p> <p>a. Prepare students to pass the COMLEX-USA board exams.</p> <p>b. Incorporate clinical teaching throughout the four-year curriculum.</p> <p>c. Promote the acquisition of the core competencies across the curriculum.</p> <p>d. Develop and maintain clinical education sites in rural and underserved Kentucky and Appalachian areas that promote rural primary care within our region.</p>	<p>Patient Care (OPC)</p> <p>The Candidate shall effectively perform...</p> <p>OPC 2.1: DATA GATHERING</p> <p>OPC 2.2: DIFFERENTIAL DIAGNOSIS</p> <p>OPC 2.3: ESSENTIAL CLINICAL PROCEDURES.</p> <p>OPC 2.4: PATIENT CARE MANAGEMENT</p> <p>OPC 2.5: PATIENT EDUCATION.</p>	<p>First and Second Year:</p> <ul style="list-style-type: none"> • Discipline course/lab • OPC course/lab • ISAs and OSCEs • Clinical Involvement • COMLEX Level 1 <p>Third and Fourth Year:</p> <ul style="list-style-type: none"> • KYCOM Video/OMT grand rounds • 4th year case presentation • Clinical rotations • COMLEX Level 2-CE • Capstone course with skills attestation • Preceptor evaluations • KYCOM Alumni Survey • COMAT • Patient logs 	<ul style="list-style-type: none"> • ACOM Survey of Student Indebtedness and Career Plans • Other External surveys • Non-traditional medical opportunities (e.g., health-related mission trips)

Goals and Objectives	Outcomes	Assessment Methods	Additional Tools
<p><i>To offer a curriculum that integrates a strong foundation of medical knowledge with the professional, cultural and ethical traits desired in its students and graduates.</i></p>	<p>Medical Knowledge (OMK)</p> <p>The Candidate will demonstrate the understanding and application of...</p> <p>MK 3.1: FOUNDATIONAL BIOMEDICAL SCIENCES KNOWLEDGE BASE</p> <p>MK 3.2: CLINICAL SCIENCES KNOWLEDGE BASE</p> <p>MK 3.3: CONTINUOUS KNOWLEDGE-BASE DEVELOPMENT AND LIFELONG LEARNING</p>	<p>First and Second Year:</p> <ul style="list-style-type: none"> • Discipline course/lab • OPC course/lab • ISAs and OSCEs • Clinical involvement • COMLEX Level 1 <p>Third and Fourth Year:</p> <ul style="list-style-type: none"> • KYCOM Video/OMT grand rounds • 4th year case presentations • Clinical rotations • Preceptor evaluations • COMAT scores • KYCOM Alumni Survey 	<ul style="list-style-type: none"> • External surveys including the AACOM Survey of Student Indebtedness and Career Plans • OPP fellowships • AOA poster presentations • Clinical research opportunities with KYCOM preceptors • Other research opportunities
<p><i>To cultivate an appreciation of lifelong learning in KYCOM students and graduates through the development of scholarly inquiry skills.</i></p>	<p>Practice-based Learning and Improvement (PBL)</p> <p>The Candidate will assimilate and apply...</p> <p>PBL 4.1: FUNDAMENTAL EPIDEMIOLOGIC CONCEPTS</p> <p>PBL 4.2: CLINICAL DECISION-MAKING TOOLS</p> <p>PBL 4.3: EVIDENCE-BASED MEDICINE PRINCIPLES AND PRACTICES</p> <p>PBL 4.4: CLINICAL SIGNIFICANCE OF RESEARCH EVIDENCE AND STATISTICAL INFERENCES</p> <p>PBL 4.5: TRANSLATING EVIDENCE INTO PRACTICE & LIFELONG LEARNING</p> <p>PBL 4.6: CONTINUOUS EVALUATION, FEEDBACK, AND REFLECTION FOR IMPROVEMENT OF OSTEOPATHIC CLINICAL PRACTICE</p>	<p>First and Second Year:</p> <ul style="list-style-type: none"> • Discipline course/lab • Clinical Skills course/lab • Filming and analysis of volunteer patient focused History & Physical • Clinical Involvement • COMLEX Level 1 <p>Third and Fourth Year:</p> <ul style="list-style-type: none"> • 4th year case presentation • Clinical rotations • Preceptor evaluations • COMLEX Level 2-CE 	<ul style="list-style-type: none"> • External surveys including the AACOM Survey of Student Indebtedness and Career Plans
<p><i>To offer a curriculum that integrates a strong foundation of medical knowledge with the professional, cultural and ethical traits desired in its students and graduates.</i></p>	<p>Interpersonal and Communications Skills (ICS)</p> <p>The Candidate will effectively engage in...</p> <p>ICS 5.1: ELICITING INFORMATION</p> <p>ICS 5.2: RAPPORT BUILDING</p> <p>ICS 5.3: INFORMATION GIVING</p> <p>ICS 5.4: WRITTEN AND/OR ELECTRONIC DOCUMENTATION AND COMMUNICATION</p>	<p>First and Second Year:</p> <ul style="list-style-type: none"> • Discipline course/lab • OPC course/lab • ISAs and OSCEs • Filming and analysis of volunteer patient focused History & Physical • Clinical Involvement <p>Third and Fourth Year:</p> <ul style="list-style-type: none"> • 4th year case presentation • Clinical rotations • Preceptor evaluations • KYCOM Alumni Survey 	<ul style="list-style-type: none"> • Participation in student organizations (e.g. SGA, SOMA, CMDA, etc.) • COMLEX Level 1 • External surveys including the AACOM Survey of Student Indebtedness and Career Plans • COMLEX Level 3

Goals and Objectives	Outcomes	Assessment Methods	Additional Tools
<p><i>To prepare physicians committed to improving access to quality, competent, and patient- centered medical care for all, with an emphasis on developing primary care physicians for underserved and rural communities.</i></p>	<p>Professionalism (P)</p> <p>The Candidate shall understand and adhere to...</p> <p>P 6.1: KNOWLEDGE OF ETHICS AND PROFESSIONALISM</p> <p>P 6.2: HUMANISTIC BEHAVIOR</p> <p>P 6.3: PRIMACY OF PATIENT NEED</p> <p>P 6.4: ACCOUNTABILITY AND DUTY IN THE PHYSICIAN-PATIENT RELATIONSHIP</p> <p>P 6.5: CULTURAL COMPETENCY</p> <p>P 6.6: ETHICAL PRINCIPLES IN PRACTICE AND RESEARCH</p>	<p>First and Second Year:</p> <ul style="list-style-type: none"> • Discipline course/lab, attendance and attire • OPC course/lab • Clinical Involvement • Community involvement <p>Third and Fourth Year:</p> <ul style="list-style-type: none"> • OMS4 student case presentation • Clinical rotations/ patient interactions • Capstone course with skills attestation • Preceptor evaluations • KYCOM Alumni Survey 	<ul style="list-style-type: none"> • <i>External surveys including the AACOM Survey of Student Indebtedness and Career Plans</i> • <i>Census data: practices located in rural and/ or federally medically underserved areas</i>
<p><i>To train physicians who understand the larger context and systems of health care and a broader system of linked goals in healthcare delivery.</i></p>	<p>Systems-based Practice (SBP)</p> <p>The Candidate shall demonstrate...</p> <p>SBP 7.1: HEALTH SYSTEMS AWARENESS ENGAGEMENT WITH INTER-PROFESSIONAL</p> <p>SBP 7.2: HEALTH CARE TEAMS FOR OPTIMAL PATIENT- AND POPULATION-CENTERED CARE</p> <p>SBP 7.3: ABILITY TO INCORPORATE CONSIDERATIONS OF COST AWARENESS AND RISK-BENEFIT ANALYSIS IN CARE</p> <p>SBP 7.4: ADVOCACY FOR ALL PATIENTS WITHIN THE HEALTH CARE SYSTEM</p> <p>SBP 7.5: IMPROVEMENT OF HEALTH SYSTEMS AND PATIENT SAFETY</p>	<p>First and Second Year:</p> <ul style="list-style-type: none"> • Discipline course/lab • OPC course/lab • Filming and analysis of volunteer patient focused History & Physical • Clinical Involvement <p>Third and Fourth Year:</p> <ul style="list-style-type: none"> • OMS4 student case presentations • Clinical rotations • Preceptor evaluations • COMLEX Level 2-CE • KYCOM Alumni Survey 	<ul style="list-style-type: none"> • <i>COMLEX Level 1</i> • <i>External surveys including the AACOM Survey of Student Indebtedness and Career Plans</i> • <i>COMLEX Level 3</i>

POSTGRADUATE MEDICAL EDUCATION

The Appalachian Osteopathic Postgraduate Training Institute Consortium (A- OPTIC) is accredited by the American Osteopathic Association (AOA) as a consortium of graduate medical residency programs, hospitals, and colleges of osteopathic medicine. As the founding academic member of A-OPTIC, the Kentucky College of Osteopathic Medicine (KYCOM) has demonstrated its dedication to training future primary care physicians. The mission of A-OPTIC is to promote and enhance the quality and capacity of health professional education to meet the needs of frontier, rural, and other medically underserved areas of the United States, with an emphasis on graduate medical education to ensure an adequate supply of primary care physicians.

As an academic sponsor, A-OPTIC supports community-based rural and frontier residency programs in the areas of research, faculty development, and curriculum; as well as administrative oversight to ensure continued program accreditation and quality improvement.

A-OPTIC has been approved as a Health Resources and Services Administration (HRSA) Teaching Health Center (THC), for one site in Morehead Kentucky. In addition, A-OPTIC operates the Frontier Rural Innovations Network, a Practice- Based Research Network (PBRN) focusing on research to improve rural healthcare processes to attain the triple aim of improving the experience of care, improving the health of populations, and reducing per capita costs of health care. The innovations network develops knowledge to improve the lives of residents of frontier and rural areas and creates a training atmosphere that supports and values scholarly inquiry and quality improvement.

Additional information concerning A-OPTIC and its residency programs and affiliates may be found at its website, <http://a-optic.org/>.

FAMILY EDUCATIONAL RIGHTS *and* PRIVACY ACT (FERPA) POLICY

The University of Pikeville's policy with respect to its student educational records adheres to the requirements and regulations of the Family Educational Rights and Privacy Act. These rights transfer to the student when he or she reaches the age of 18 or attends a school beyond the high school level. Students to whom the rights have transferred are "eligible students."

Education records are records that are directly related to a student, maintained by an educational agency or institution, or by a party acting for the agency or institution. Record means any information maintained in any way, including, but not limited to: handwriting, video, audio tape, computer media, film, print, microfilm and microfiche.

The Family Educational Rights and Privacy Act (FERPA), (20 U.S.C. § 1232g; 34 CFR Part 99), is a federal law that protects the privacy of student education records. FERPA places limitations on the disclosure of personally identifiable information maintained by University of Pikeville with respect to students and limits access to educational records; including the right to inspect and review; right to consent to disclosures, with certain exceptions; the right to obtain copies; the right to seek amendment or correction of such records through informal and formal internal procedures; and the right to place a statement in such educational records explaining any information which the student believes to be inaccurate or misleading.

In accord with FERPA regulations, the University of Pikeville holds certain information to be "directory information," and therefore, subject to disclosure without prior consent from the student. Unless written objection is received no later than 30 days from the commencement of the academic year, the University of Pikeville designates the following items as directory information:

- Student's Name
- Address
- Electronic mail address (UPIKE only)
- Telephone listing
- Date and place of birth
- Photographs
- Major field(s) of study
- Dates of attendance
- Enrollment Status (full-time; part-time, undergraduate, graduate, professional)
- Most recent previous school attended
- Degrees awarded
- Classification/Grade Level
- Name of the undergraduate, graduate, and/or professional school attended
- Participation in officially recognized activities and sports
- Weight and height of athletes
- Honors and awards received

Educational records may be disclosed to school officials (administrators, staff, faculty, coaches, individuals and/or organizations to whom the University has contracted or are conducting studies on behalf of the University for services, studies, or research) who have a "legitimate educational interest" in the student without prior consent of the student. "School official" is defined by the Department of Education as the following:

- Person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff)
- Person or company with whom the University has contracted as its agent to provide a service instead of using University employees or officials (such as an attorney, auditor, or collection agent)
- Person serving on the Board of Trustees; and/or
- Student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks

A school official has a “legitimate educational interest” if a review of a student’s record is necessary to fulfill the official’s professional responsibilities to the University. School officials may have legitimate educational interests both in students who are currently enrolled and in those no longer enrolled.

If a significant threat to the health or safety of a student or other individual is determined, university personnel may disclose information from education records to any person, including parents, whose knowledge of the information is necessary to protect the health or safety of the student or other individuals. University personnel must maintain a record of the significant threat that formed the rational basis for the disclosure.

Other exceptions to education records include: sole possession records, records created and maintained by a law enforcement unit for a law enforcement purpose, employment records (unless contingent on attendance), medical records made and maintained in the course of treatment and disclosed only to those individuals providing treatment, records that only contain information about a student after he or she is no longer a student at the University of Pikeville (i.e. alumni records).

Objections must be in writing, signed and dated by the student, and be directed to the University of Pikeville Registrar’s Office. Complaints regarding alleged violations of rights accorded students by the Family Educational Rights and Privacy Act may be directed to: Family Policy Compliance Office U.S. Department of Education, 400 Maryland Ave. S.W., Washington, D.C. 20202-8520. For additional information: <http://www.aacrao.org>.

PERSONNEL

UNIVERSITY OF PIKEVILLE ADMINISTRATION

Burton J. Webb, Ph.D.	President
The Honorable Paul E. Patton	Chancellor, Governor of Kentucky, 1995-2003
Lori Werth, Ph.D.	Provost
Barry L. Bentley, M.B.A.	Vice President for Finance and Business Affairs
Joe E. Kingery, D.O., MBA, FCOFP, FAAFP	Dean of the Kentucky College of Osteopathic Medicine
Renee Reeder, O.D., FAAO, FBCLA, FSLs, FIACLE	Dean of the Kentucky College of Optometry
Laura Damron	Vice President for Advancement and Alumni Relations
Karen Damron, Ph.D.	Dean of the Elliott School of Nursing
Ella Smith-Justice, Ph.D.	Dean of the College of Arts and Sciences
Mathys J. Meyer, Ph.D.	Assistant Provost of Retention
Amanda Slone, Ph.D.	Assistant Provost for Academics
Chris Harris, DBA	Dean of the Coleman College of Business

KENTUCKY COLLEGE OF OSTEOPATHIC MEDICINE ADMINISTRATION

Joe E. Kingery, D.O., MBA, FCOFP, FAAFP	Dean of the Kentucky College of Osteopathic Medicine
Cathryn J. Caudill, Ph.D.	Associate Dean for Academic Affairs
Malgorzata Simm, Ph.D., M.Sc.	Associate Dean for Biomedical Sciences
Maleshea Hopkins, D.O.	Associate Dean for Clinical Affairs
Antoinette Justice, D.O.	Associate Dean for Osteopathic Medical Education
Laura E. Griffin, D.O., FAAO	Associate Dean for Osteopathic Principles and Practices Integration
David A. Falletta	Director of Student Affairs and Academic Excellence

KYCOM ACADEMIC DEPARTMENT HEADS

Primary Care

Shylah Napier, D.O., Chair

Osteopathic Principles and Practice

Laura E. Griffin, D.O., FAAO, Chair

KYCOM FACULTY

Gbolahan Afolabi, Ph.D., M.H.A., M.B.B.S.	Anatomy
Sujin Bao, Ph.D.	Biochemistry
Michael S. Carnes, D.O., FAAO	Osteopathic Principles and Practice
Cathryn J. Caudill, Ph.D.	Pathology
Damian Cole, D.O.	Osteopathic Principles and Practice
Sarah Crawford, D.O.	Family Medicine
Joshua Crum, D.O.	Family Medicine
Danny Driskill, J.D., EMT-P	Family Medicine
Ayesha Ghayur, M.D., Ph.D.	Pathology
Muhammad Nabeel Ghayur, Ph.D.	Pharmacology
Candi Griffey, D.O.	Family Medicine
Laura E. Griffin, D.O., FAAO	Osteopathic Principles and Practice
Guichun Han, Ph.D.	Physiology
Shumaila Hanif, Ph.D., M.B.A.	Microbiology and Immunology
Maleshea Hopkins, D.O.	Family Medicine
Helen Ibeawuchi, M.D.	Physiology
Anzhelika Ivanenko, Ph.D.	Physiology
Antoinette Justice, D.O.	Family Medicine and OPP
Les Keniston, Ph.D.	Anatomy
Joe E. Kingery, D.O., MBA, FACOFP, FAAFP	Family Medicine
Matthew Lazenka, Ph.D.	Anatomy
David L. McWhorter, Ph.D.	Anatomy
Shylah Napier, D.O.	Pediatrics
Malgorzata Simm, Ph.D., M.Sc., FCM	Microbiology and Immunology
Julia H. Smith, D.H.Ed.	Anatomy
Edward Stiles, D.O.	Osteopathic Principles and Practice
J. Michael Younger, Ph.D.	Biochemistry
Dana R. Ziegler, Ph.D.	Anatomy

KYCOM DIVISION CHAIRS

Naveed Ahmed, M.D.	Neurology
Anthony Yonts, D.O.	Internal Medicine
Sammie S. Gibson, D.O.	Obstetrics and Gynecology
Rakesh Sachdeva, M.D.	Pediatrics
Seema Sachdeva, M.D.	Pediatrics
G. Jason Hunt, D.O.	General Surgery

