

Drs. Kiran and Pallavi Patel Global University



Student Catalog

Revision Date: May 2026, Effective Date: August 1, 2026

7011 Kiran Patel Drive
Winter Garden, FL 34787

MESSAGE

Welcome!

On behalf of Orlando College of Osteopathic Medicine, it is a pleasure and honor to welcome you.

The mission of Orlando College of Osteopathic Medicine is to train caring and competent osteopathic physicians who will have an impact on the Central Florida community, our nation, and our global community. We live by our mission and are excited to have you join us while we advance our mission together.

In advancing our mission, we have designed the facility and curricula to train the caring and competent healthcare professionals of the future. We have also designed a culture to support you in a caring and advanced environment that will help you become the type of professional that you want to be.

Best of luck and Godspeed!



Robert T Hasty, DO, FACOI, FACP
Founding Dean & Chief Academic Officer

Table of Contents

About the College	5
Required Disclosures and Disclaimers	5
The Application of this Student Catalog to Drs. Kiran and Pallavi Patel Global University/OCOM Students	7
Changes in the Student Catalog	8
OCOM Academic Facility Description	8
Statements of Compliance	8
Statement of Legal Control and Board of Trustees	8
Family Education Rights and Privacy Act of 1974 (FERPA)	9
Rehabilitation Act of 1973	10
Americans with Disabilities Act of 1990 (ADA) as Amended (ADAAA)	10
Title IX of the Education Amendments of 1972 (20 U.S.C. §§ 1681, et seq)	10
OCOM Mission, Vision, and Values	11
OCOM Statement on Accreditation Status	11
College of Osteopathic Medicine Accreditation	11
About the American Osteopathic Association (AOA)	12
Programs of Study	13
Master of Science in Anesthesiology Assistant (MSA)	13
Master of Science in Preclinical Sciences Program	25
Master of Science in Medical Sciences (MSMS)	35
Doctor of Osteopathic Medicine Program Description	43
OCOM Licensure Information - Postgraduate Training	43
Doctor of Osteopathic Admissions	44
Matriculation and Enrollment Policies	44
DO Tuition, Fees, and Refunds	45
Doctor of Osteopathic Medicine Curriculum	47
Doctor of Osteopathic Medicine Course Descriptions Years 1 & 2	51
Doctor of Osteopathic Medicine Course Descriptions Years 3 & 4	62
Clinical Rotation Structure Policy	70
DO Academic Policies and Procedures	72
DO Assessment	73
Student Recordkeeping Policy	74
Educational Records	74
DO Match-State Medical Education Verification	75
DO Student Release of Information	75
DO Student Attendance	75
Student Dress Code	75
DO Student Academic Standing and Academic Progress	75

OCOM COMLEX-USA Policy	76
DO Student Modified Course of Study and Early Warning System	76
Graduation Requirements for the Doctor of Osteopathic Medicine Degree	77
OCOM Student Progress and Professionalism Committee (SPPC)	77
OCOM Student Honor Code	77
OCOM Grievance Processes	77
AOA Code of Ethics	77
OCOM Student Separation	80
OCOM Student Death Policy	80
OCOM Student Policies and Services	80
OCOM Alumni	81
Research and Scholarly Activity	82
OCOM Facilities	82
Campus Safety and Emergency Services	82
Library Information	82
OCOM Information Technology Information	83
CIE Required Disclosures	83
Administration & Staff Listing	85
Faculty Listing	87

About the College

Required Disclosures and Disclaimers

1. OCOM is in the developmental stages of accreditation (currently Pre-Accreditation Status). Please note that OCOM is a unit of the Drs. Kiran and Pallavi Patel Global University (KPGU), fully licensed by the Florida Commission on Independent Education (License Number 10184).
2. The American Osteopathic Association Commission on Osteopathic College Accreditation (COCA) may be contacted by email at predoc@osteopathic.org or by writing COCA, c/o AOA, 142 E. Ontario Street, Chicago, IL 60611. All other inquiries to OCOM may be forwarded to Robert T. Hasty, DO, FACOI, FACP, Dean and Chief Academic Officer at rhasty@ocom.org.
3. This institution is a private institution that is approved to operate by the Florida Commission for Independent Education (CIE). "Approved" means the school operates in compliance with state standards as set forth in Rule 6E-2.002, 6E-1.0032 (Fair Consumer Practices), and 6E-2.004 (Standards and Procedures for Licensure).
4. This institution is licensed by the Commission for Independent Education, Florida Department of Education. Additional Information regarding this institution may be obtained by contacting the Commission at 325 West Gaines Street, Suite 1414, Tallahassee, FL 32399-0400, toll-free telephone number (888) 224-6684.
5. Please note that Orlando Health Sciences University, LLC D/B/A as Drs. Kiran and Pallavi Patel Global University (KPGU) and Orlando College of Osteopathic Medicine (OCOM) are owned by Medical Impact Partners - Florida, LLC (MIP). While this LLC ownership structure makes MIP legally the "Manager" of OCOM, it has, through a signed resolution, given plenary authority to the Board of Trustees of OCOM to be the autonomously appointed and functioning governing body that defines the mission of the University and COM, approves strategic plans for the University and COM, provides financial oversight, and approves requisite policies and procedures for all accredited or "seeking accreditation" units of the university with plenary authority to direct and administer those units including, but not limited to, OCOM.
6. This institution has not had a pending petition in bankruptcy, is not operating as a debtor in possession, and has not filed a bankruptcy petition within the preceding five years, nor has it had a petition in bankruptcy filed against it within the preceding five years that resulted in reorganization under Chapter 11 of the United States Bankruptcy Code.
7. It is the policy of Drs. Kiran and Pallavi Patel Global University and Orlando College of Osteopathic Medicine that there is no discrimination in the selection and treatment of administrative personnel, faculty, staff, and students based on race, ethnicity, color, sex, sexual orientation, gender, gender identity, national origin, age or disabilities, and religion.
8. The accreditations, approvals, and certifications of the College/University are based upon the College's/University's status at the time of printing this Student Catalog. Accreditations, approvals, and certifications are subject to review and modification from time to time.

9. The content of this document is provided for the student's information. It is accurate as of the date on the cover page. Still, it is subject to change from time to time as deemed appropriate by the College/University to fulfill its role and mission or to accommodate circumstances beyond its control. Any such changes may be implemented without prior notice and obligation and, unless specified otherwise, are effective when made.
10. Advisers are provided to assist you in planning your academic program. They are not authorized to change the University's established policy. You are solely responsible for ensuring that your academic program complies with the policies of the College/University. The Dean's Office must confirm any advice that is at variance with established policy.
11. The tuition, fees, and other charges described herein are good faith projections for the academic year. However, they are subject to change from one academic term to the next as deemed necessary by the College/University to meet its financial commitments and fulfill its role and mission.
12. This institution is currently accredited only by the Florida Commission on Independent Education (CIE). OCOM is projected to obtain institutional and programmatic accreditation from the Commission on Osteopathic College Accreditation (COCA) in 2028 upon the graduation of its first class. A student enrolled in an unaccredited institution is not eligible for federal financial aid under Title IV of the Higher Education Act.
13. The College/University reserves the right to terminate or modify program requirements, content, and the sequence of program offerings from semester to semester for educational reasons deemed sufficient to warrant such actions.
14. Further, the College/University reserves the right to terminate programs from future semesters for financial or other reasons that warrant such action. The content, schedule, requirements, and means of presentation of courses may be changed at any time by the College/University for educational reasons that it determines are sufficient to warrant such action. Programs, services, or other activities of the College/University may be terminated at any time due to reasons beyond the control of the College/University, including, but not limited to, acts of God, natural disasters, destruction of premises, labor disturbances, governmental orders, financial insolvency, or other reasons or circumstances beyond the control of the College/University.
15. The course descriptions herein are based upon reasonable projections of faculty and faculty availability and appropriate curriculum considerations. The matters described are subject to change based upon changes in circumstances upon which these projections were based and as deemed necessary by the College/University to fulfill its role and mission.
16. The policy of this institution is to update the official OCOM Student Catalog annually. Annual updates may be made using supplements or inserts accompanying the catalog. If changes in educational programs, educational services, procedures, or policies required to be included in the catalog by statute or regulation are implemented before the issuance of the annually updated catalog, those changes shall be reflected at the time they are made in supplements or inserts accompanying the catalog.
17. This institution makes its current catalog and program brochures available to the public at no charge. Individuals wishing to obtain a copy can make arrangements by calling the school's office.
18. As a prospective student, you are required to receive and review this catalog prior to signing an enrollment agreement.

19. The Institution does not guarantee job placement to graduates upon program completion or upon graduation.
20. Any questions or additional information a student may have that have not been satisfactorily answered by the institution may be directed to the Florida Commission for Independent Education at 325 W. Gaines Street, Suite 1414, Tallahassee, FL 32399-0400, (888) 224-6684.
21. A student or any member of the public may file a complaint about this institution with the Commission for Independent Education at 325 W. Gaines Street, Suite 1414, Tallahassee, FL 32399-0400, (888) 224-6684 toll-free.
22. The Student Catalog shall serve as a governing document for OCOM. Any changes proposed to the Student Catalog are subject to the final approval of the Dean and Chief Academic Officer of OCOM.
23. The official OCOM policies serve as the official operating policies and take precedence over the Student Catalog if ever there is a conflict. The Student Catalog is a working document, and all approved OCOM policies are posted on the OCOM website.
24. This Student Catalog is intended as a guideline for students and should not be construed as an offer or as a contract between Drs. Kiran and Pallavi Patel Global University (KPGU)/Orlando College of Osteopathic Medicine (OCOM) and any student or a warranty of any entitlements, programs, regulations, or benefits set forth herein. Drs. Kiran and Pallavi Patel Global University/OCOM, its agents, officers, and employees may rescind or modify any policy, benefit, program, regulation, or entitlement set forth herein at any time, for any reason, with or without notice. This Student Catalog supersedes all previous editions of this Student Catalog and will be revised and published as necessary, and students will be notified of any changes.
25. Per OCOM's [Policy on Policies D000](#), all policies are subject to change without notice. The current policy shall be the official policy of OCOM and replaces any previous versions. Please note that if there are any conflicting documents, notations, or information outside of the published policies (e.g. handbooks, guides, websites, etc), the published policy shall be the plenary source of information.

The Application of this Student Catalog to Drs. Kiran and Pallavi Patel Global University/OCOM Students

Drs. Kiran and Pallavi Patel Global University/Orlando College of Osteopathic Medicine (OCOM) reserves the right to rescind an offer of admission from the point an applicant receives the acceptance letter until the commencement of classes, based on but not limited to the following circumstances:

1. Changes occur in the condition or status of any information provided by the applicant, which might have resulted in denial of admission had it been revealed during the application process.
2. Any information supplied by an applicant is discovered to be inaccurate at the time of application submission.
3. A breach in any terms outlined in this catalog or behaving in a manner deemed unprofessional by OCOM.

Changes in the Student Catalog

Drs. Kiran and Pallavi Patel Global University/Orlando College of Osteopathic Medicine (OCOM) reserves the right to change the Student Catalog at any time. Students are responsible for acknowledging their understanding and acceptance of the information in the Student Catalog annually.

OCOM Academic Facility Description

Drs. Kiran and Pallavi Patel Global University/Orlando College of Osteopathic Medicine (OCOM), located at 7011 Kiran Patel Drive, Winter Garden, FL 34787; the institution is designed to be the *medical school of the future*. The newly constructed facility combines elements of glass, steel, and stone in a modern and beautiful aesthetic; OCOM will act as a first and third space for faculty and students. The institution's facilities measure approximately 144,000 square feet, with spaces that include a variety of settings to learn, collaborate, and work with technology integrated throughout that augments but puts people as central to the learning, collaboration and work processes.

Facilities include two lecture halls, a fitness center, an Osteopathic Manipulative Medicine laboratory, a state-of-the-art NIH level 2 biosafety lab, a research lab, multiple classrooms, study rooms and practice exam rooms, a library, a simulation laboratory and a virtual anatomy laboratory.

We have imagined how medical education will evolve and develop over the decades to come and arrive at a design that will suit and adapt to the anticipated needs of medical students, staff, and faculty in the years ahead.

Statements of Compliance

It is the policy of Drs. Kiran and Pallavi Patel Global University and the Orlando College of Osteopathic Medicine that there is no discrimination in the selection and treatment of administrative personnel, faculty and staff, and students based on race, ethnicity, color, sex, sexual orientation, gender, gender identity, national origin, age or disabilities, and religion.

Statement of Legal Control and Board of Trustees

Orlando Health Sciences University, LLC. ("Drs. Kiran and Pallavi Patel Global University") is privately owned and is managed by Medical Impact Partners-Florida, LLC. The College's Board of Trustees, whose membership is majority independent, has full autonomy and authority to oversee the quality of medical education, compliance with regulatory bodies, and general administrative matters, including policy development, performance improvement, organizational management, budgeting, and strategic planning. The list of members of the current Board of Trustees is reported at <https://ocom.org/board-of-trustees>.

<i>Board of Trustees</i>	
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**Please note that no current board members have a direct ownership interest in OCOM or KPGU. Also, please note that Mr. Fume is a non-voting member of the board due to her role as the Chief Financial Officer.*

Family Education Rights and Privacy Act of 1974 (FERPA)

Under the provisions of this law, students in post-secondary education have the right to inspect and review their school records, as defined by law. Other than for "Directory Information," Orlando College of Osteopathic Medicine will release information only with the student's written consent and/or in compliance with federal law and regulation and will use "Directory Information" in the best interests of the student. Please refer to ocom.org/policies for the [OCOM Policy 046 FERPA](#).

Rehabilitation Act of 1973

In accordance with Section 504 of the Rehabilitation Act of 1973, Orlando College of Osteopathic Medicine does not discriminate on the basis of handicap in admission or access to treatment or employment in its programs and activities.

Americans with Disabilities Act of 1990 (ADA) as Amended (ADAAA)

Orlando College of Osteopathic Medicine does not discriminate on the basis of disability and will provide reasonable accommodation to qualified individuals with a disability, 'except as provided by law. OCOM complies with Section 504 of the Rehabilitation Act of 1973, Title II Americans with Disabilities Act of 1990 (ADA), and the ADA Amendments Act of 2008 (ADAAA) to ensure its facilities, programs, and student policies are accessible to individuals with disabilities. Applicants and students with specific needs who request or plan to request an accommodation under the ADA should contact the Office of Student Services. The Office of Disability Services and Accessibility can be contacted at disabilityservices@ocom.org. Faculty and staff inquiries may be directed to the Director of Human Resources.

Title IX of the Education Amendments of 1972 (20 U.S.C. §§ 1681, et seq)

Orlando College of Osteopathic Medicine (OCOM) is committed to equality of educational opportunity and providing safe and nondiscriminatory learning, living, and working environments for all members of the OCOM community in accordance with Title IX of the Education Amendments Act of 1972. Questions or comments about discrimination, harassment, domestic violence, dating violence, and stalking can be directed to the OCOM Title IX Coordinator. Inquiries may also be directed to the United States Department of Education's Office for Civil Rights, District of Columbia Office, U.S. Department of Education, 400 Maryland Avenue, S.W. Washington, DC 20202-1475. Telephone: (202) 453-6020; Facsimile: (202) 453-6021; Email: OCR.DC@ed.gov.

Orlando College of Osteopathic Medicine's Title IX policy applies to students, faculty, staff, and third parties. If you believe you have been subjected to discrimination or harassment in violation of Title IX or have been the victim of sexual assault, domestic violence, or stalking, follow the procedure outlined in OCOM Title IX policy [D056 \(ocom.org/policies\)](#). You may also contact the Title IX Coordinator at titleIX@ocom.org. Please refer to the Title IX policy and procedures for additional details.

OCOM Mission, Vision, and Values

University Mission

The mission of the Drs. Kiran and Pallavi Patel Global University (KPGU) is to train caring and competent health professionals who will have an impact on the Central Florida community, our nation, and our global community.

College Mission

The mission of the Orlando College of Osteopathic Medicine (OCOM) at the Drs. Kiran and Pallavi Patel Global University is to train caring and competent osteopathic physicians who will have an impact on the Central Florida community, our nation, and our global community.

Vision

The vision of the Orlando College of Osteopathic Medicine is to be a leader in training caring, altruistic, and excellent osteopathic physicians in support of our mission.

Values

- | | |
|--|-------------|
| 1. Innovation & Continuous Improvement | 4. Wellness |
| 2. Opportunity | 5. Caring |
| 3. Integrity | 6. Service |

OCOM Statement on Accreditation Status

The American Osteopathic Association's Commission on Osteopathic College Accreditation (COCA) has granted OCOM Pre-Accreditation Status as of August 2023.

Please note that OCOM is a unit of the Orlando Health Science University (KPGU), and is fully licensed by the Florida Commission on Independent Education (License Number 10184). Information on COCA can be found below.

College of Osteopathic Medicine Accreditation

The American Osteopathic Association's Commission on Osteopathic College Accreditation (COCA) can be contacted as follows:

Commission on Osteopathic College Accreditation

142 East Ontario Street
Chicago, IL 60611-2864
Toll-free phone: (800) 621-1773
Department of Accreditation Phone: (312) 202-8124
Department of Accreditation Fax: (312) 202-8424
Department of Accreditation Email: predoc@osteopathic.org

The American Osteopathic Association Commission on Osteopathic College Accreditation (COCA) may be contacted at predoc@osteopathic.org or COCA, c/o AOA 142 E. Ontario Street, Chicago, IL 60611.

All other inquiries to OCOM may be forwarded to Robert T Hasty, DO, FACOI, FACP, Dean, and Chief Academic Officer at rhasty@ocom.org.

About the American Osteopathic Association (AOA)

Representing more than 150,000 osteopathic physicians (DOs) around the world, the American Osteopathic Association (AOA) serves as the professional family for all DOs and osteopathic medical students. In addition to serving as the primary certifying body for DOs, the AOA is the accrediting agency for all osteopathic medical schools. It has federal authority to accredit hospitals and other healthcare facilities.

Programs of Study

Master of Science in Anesthesiology Assistant (MSA)

Program Objective

The Anesthesiology Assistant Program aims to help expand access to healthcare by educating students to provide the highest quality of care to their patients. Students who complete the Anesthesiologist Assistant Program will embrace their role in the anesthesia care team and be able to perform in all complex aspects of patient care related to their scope of practice with safety and vigilance, regardless of the surgical setting in which they participate. A student who has successfully completed all 114 credit hours and has passed all academic requirements will be granted the Master of Science in Anesthesiology Assistant.

Program Description

Anesthesiologist assistants are vital to the Anesthesia Care Team, which delivers anesthesia to surgical patients. They work under the supervision of a physician anesthesiologist to facilitate a wide range of surgical interventions. Matriculants will already have a pre-medical background as suggested by the program requirements. The Anesthesia Care Team is vital to increase the access of healthcare to all members of society. All anesthesiologist assistants who matriculate and graduate from the anesthesiology assistant program will be well-trained with the benefit of 2,000 clinical hours, be able to work in any setting and feel prepared.

In order to practice as an Anesthesiologist Assistant upon graduation, students must first pass the national certification exam as presented by the National Commission for Certification of Anesthesiologist Assistants. KPGU prepares students for this rigorous exam from day one of classes by tailoring didactic education and clinical experience to be comprehensive in nature. Before entering the second academic year, students will be required to take a mock certification exam to prepare them for the content and time management required to perform well. In the clinical time leading up to the certification exam, students will have courses that will be delivered in such a way that furthers their knowledge but also acts as a study guide for the material on the certification exam. This course material, along with faculty and staff, will be continuously available to the students in preparation for their certification exam to ensure they are adequately prepared for this certification exam. The Anesthesiology Assistant program is a residential program. Didactic and lab courses will be completed on campus, and clinical courses will be completed on clinical sites.

Program Admissions

1. A Baccalaureate degree from a nationally recognized and regionally accredited college or university with a GPA exceeding 2.8 (with competitive GPAs above 3.4) – Required courses are listed below.

2. A 'C' or better in the following required prerequisite courses. Math and science classes must rigidly follow their title (e.g. Calculus for Business majors cannot substitute for General Calculus)
 - a. English – 6 semester hours
 - b. General Biology with lab – 6 semester hours OR Anatomy and Physiology with lab – 6 semester hours
 - c. General Chemistry with lab – 6 semester hours
 - d. Organic Chemistry with lab – 3 semester hours
 - e. Microbiology - 3 semester hours OR Biochemistry – 3 semester hours
 - f. General Physics with lab - 6 semester hours
 - g. Calculus – 3 Semester Hours
3. Official Transcripts for undergraduate and graduate work from universities (qualified institutions as stated in section 1.)
4. Graduate Record Examination (GRE), with a score of more than 300, is a competitive Medical College Admissions Test (MCAT) taken within the past five years. An MCAT score higher than 500 is considered competitive. Exam scores must be received prior to the application deadline (March 1st of the calendar year of intended program entrance)
5. Three letters of recommendation from those familiar with the applicant's character, academic performance, and work ethic, as well as the applicant's fitness for a career as an Anesthesiology Assistant.
6. 8 Hours of documented exposure to anesthesia practice in an operating room setting
7. By the end of the first semester, students must demonstrate the ability to work through coursework, access educational resources, and self-study. They must also be able to perform basic computer functions such as using a web browser and accessing school content.
8. Students who have applied from a college or university for which English is not the primary language must submit results from the Test of English as a Foreign Language (TOEFL) with a minimum acceptable for consideration being 90. Results from the Educational Testing Service must be received directly by the Drs. Kiran and Pallavi Patel Global University admissions staff.

Tuition and Fees

Program Costs (AY 2023-2024):

Tuition Per Year: \$55,000.00

Estimated Total Program Tuition: \$110,000.00

Estimated Cost of Books and Supplies: \$300/year

Estimated Annual Fees: \$5,000

Other Expected Costs (not including cost of living): None

Curriculum:

Course Number	Course Title	Credit Hours
ANES5025	Medical Terminology	1
ANES 5045	Principles of Airway Management I	2
ANES 5085	Introduction to Clinical Anesthesia	2
ANES 5325	Electrocardiogram for Anesthesiology Assistants	2
ANES 5500	Physiology	4
ANES 5510	Anatomy	4
ANES 5321	Anesthesia Lab	3
ANES 5322	Anesthesia Lab II	3
ANES 5445	Pharmacology for Anesthesiology Assistants	2
ANES 5651	Applied Physiology for Anesthesia Practice	3
ANES 5046	Principles of Airway Management II	2
ANES 5801	Instrumentation and Monitoring I	2
ANES 5851	Anesthesia Principles and Practice I	2
ANES 5150	Principles of Life Support	3
ANES 5900	Professionalism in the Operating Room	3
ANES 5381	Clinical Anesthesia I	3
ANES 5323	Anesthesia Lab III	3
ANES 5446	Pharmacology for Anesthesiology Assistants II	2
ANES 5652	Applied Physiology for Anesthesia Practice	3
ANES 5802	Instrumentation and Monitoring II	2
ANES 5852	Anesthesia Principles and Practice II	2
ANES 5071	Student Lecture Series	1
ANES 5901	Current Issues in Anesthesia	2
ANES 5382	Clinical Anesthesia II	3
ANES 5324	Anesthesia Lab IV	3
ANES 5853	Anesthesia Principles and Practice III	2
ANES 5072	Student Lecture Series II	1
ANES 5902	Anesthesia Subspecialty	5
ANES 5653	Applied Physiology for Anesthesia Practice III	2
ANES 5383	Clinical Anesthesia III	13
ANES 5384	Clinical Anesthesia IV	15
ANES 6000	Anesthesia Review	2
ANES 5385	Clinical Anesthesia V	12
TOTAL:		114

Course Descriptions

ANES 5025 - Medical Terminology

Prerequisite: None

Corequisite: ANES 5045, ANES 5085, ANES 5321, ANES 5325, ANES 5500, ANES 5510

This is a self-study course on using medical language for appropriate and accurate communication in patient care. The course includes terminology and symbols, word formation, body systems and disease terms, abbreviations, and procedures (1 credit).

ANES 5045 - Principles of Airway Management I

Prerequisite: None

Corequisite: ANES5025, ANES 5085, ANES 5321, ANES 5325, ANES 5500, ANES 5510

This course will provide an opportunity to learn and appreciate the structure, function, pathophysiology, disease, and management of the human airway. The basic and advanced principles of elective and emergent airway management will be covered, including equipment and techniques. Examination, recognition, techniques, and management involved in pediatric and adult difficult airways will be discussed. The course will correlate with laboratory work for a better understanding and use of bag/mask ventilation, oral and nasal airways, oral and nasal intubation techniques, light wands, fiberoptic intubations, double lumen tubes, surgical airways, and application of laryngeal mask airway (2 credits).

ANES 5046 - Principles of Airway Management II

Prerequisite: ANES5025, ANES 5045, ANES 5085, ANES 5321, ANES 5325, ANES 5500, ANES 5510
Corequisite: ANES 5150, ANES 5322, ANES 5445, ANES 5651, ANES 5801, ANES 5851, ANES 5900

This course is a continuation of ANES 5045. This course will provide an opportunity to learn and appreciate the structure, function, pathophysiology, disease, and management of the human airway. The basic and advanced principles of elective and emergent airway management will be covered, including equipment and techniques. Examination, recognition, techniques, and management involved in pediatric and adult difficult airways will be discussed. The course will correlate with laboratory work for a better understanding and use of bag/ mask ventilation, oral and nasal airways, oral and nasal intubation techniques, light wands, fiberoptic intubations, double lumen tubes, surgical airways, and application of laryngeal mask airway (2 credits).

ANES 5071 - Student Lecture Series I

Prerequisite: ANES 5046, ANES 5150, ANES 5322, ANES 5445, ANES 5651, ANES 5801, ANES 5851, ANES 5900

Corequisite: ANES 5323, ANES 5381, ANES 5446, ANES 5652, ANES 5802, ANES 5852

This seminar-style course expands upon previous anesthesia coursework as part of a three-course series. Learners will research topics pertinent to the practice of anesthesia and participate in podium presentations of their findings using visual aids. Through the course activities, learners will develop their oral communication skills and ability to synthesize medical literature. Topics are assigned by the course instructor (1 credit).

ANES 5072 - Student Lecture Series II

Prerequisite: ANES 5071, ANES 5323, ANES 5381, ANES 5446, ANES 5652, ANES 5802, ANES

5852 Corequisite: ANES 5324, ANES 5382, ANES 5653, ANES 5853, ANES 5901, ANES 5902

This course is a continuation of ANES 5071 and will follow the same format. In this second course of the student lecture series, learners will select their own topic of research with guidance from the course instructor. This course will develop the learners' ability to select an appropriate research topic and expand their knowledge of anesthesia. Podium presentations using visual aids are required (1 credit).

ANES 5085 - Introduction to Clinical Anesthesia

Prerequisite: None

Corequisite: ANES5025, ANES 5045, ANES 5321, ANES 5325, ANES 5500, ANES 5510

Prepares and educates the student to work within the anesthesia care team. Introduction to induction, maintenance, and emergence from anesthesia. Includes history of anesthesia, types of anesthesia, universal precautions and infection control, layout of the operating room, sterile fields and techniques, interacting with patients, starting intravenous catheters and arterial cannulae, obtaining arterial blood samples, and application of ASA-standard monitors. Students will use an anesthesia simulator to gain the basic knowledge and usage of monitors (2 credits).

ANES 5150 - Principles of Life Support

Prerequisite: ANES5025, ANES 5045, ANES 5085, ANES 5321, ANES 5325, ANES 5500, ANES

5510 Corequisite: ANES 5046, ANES 5322, ANES 5445, ANES 5651, ANES 5801, ANES 5851, ANES 5900

This course teaches the student the fundamental algorithms of Basic Life Support (BLS), Advanced Cardiac Life Support (ACLS), and Pediatric Advanced Life Support (PALS). It combines American Heart Association standards with simulation settings to prepare students to use these life-saving techniques.

ANES 5321 - Anesthesia Laboratory I

Prerequisite: None

Corequisite: ANES5025, ANES 5045, ANES 5085, ANES 5325, ANES 5500, ANES 5510

A state-of-the-art laboratory and anesthesia simulator will prepare the student for the usage and complete understanding of the monitors and practice of anesthesia. Students will apply their didactic knowledge to scenarios on the anesthesia simulator. Patient modalities—such as pulse oximetry, capnography, and blood pressure monitoring systems—are explored. Laboratory experiments will develop students' understanding of anesthesia delivery systems, various types of breathing circuits, fresh gas flow effect, theory of dilutional methods of cardiac output monitoring, and relations between mean circulatory filling pressures and central venous pressure. A vascular sonography lab will allow a unique and comprehensive understanding of transesophageal and transthoracic echocardiography, cerebrovascular testing, and venous and peripheral arterial testing (3 credits).

ANES 5322 - Anesthesia Laboratory II

Prerequisite: ANES5025, ANES 5045, ANES 5085, ANES 5321, ANES 5325, ANES 5500, ANES 5510
Corequisite: ANES 5046, ANES 5150, ANES 5445, ANES 5651, ANES 5801, ANES 5851, ANES 5900

This course is a continuation of ANES 5321. A state-of-the-art laboratory and anesthesia simulator will prepare the student for the usage and complete understanding of the monitors and practice of anesthesia. Students will apply their didactic knowledge to scenarios on the anesthesia simulator. Patient modalities—such as pulse oximetry, capnography, and blood pressure monitoring systems—are explored. Laboratory experiments will develop students' understanding of anesthesia delivery systems, various types of breathing circuits, fresh gas flow effect, theory of dilutional methods of cardiac output monitoring, and relations between mean circulatory filling pressures and central venous pressure. A vascular sonography lab will allow a unique and comprehensive understanding of transesophageal and transthoracic echocardiography, cerebrovascular testing, and venous and peripheral arterial testing (3 credits).

ANES 5323 - Anesthesia Laboratory III

Prerequisite: ANES 5046, ANES 5150, ANES 5322, ANES 5445, ANES 5651, ANES 5801, ANES 5851, ANES 5900

Corequisite: ANES 5071, ANES 5381, ANES 5446, ANES 5652, ANES 5802, ANES 5852

This course is a continuation of ANES 5322. A state-of-the-art laboratory and anesthesia simulator will prepare the student for the usage and complete understanding of the monitors and practice of anesthesia. Students will apply their didactic knowledge to scenarios on the anesthesia simulator. Patient modalities—such as pulse oximetry, capnography, and blood pressure monitoring systems—are explored. Laboratory experiments will develop students' understanding of anesthesia delivery systems, various types of breathing circuits, fresh gas flow effect, theory of dilutional methods of cardiac output monitoring, and relations between mean circulatory filling pressures and central venous pressure. A vascular sonography lab will allow a unique and comprehensive

understanding of transesophageal and transthoracic echocardiography, cerebrovascular testing, and venous and peripheral arterial testing (3 credits).

ANES 5324 - Anesthesia Laboratory IV

Prerequisite: ANES 5071, ANES 5323, ANES 5381, ANES 5446, ANES 5652, ANES 5802, ANES 5852
Corequisite: ANES 5072, ANES 5382, ANES 5653, ANES 5853, ANES 5901, ANES 5902

This course is a continuation of ANES 5323. A state-of-the-art laboratory and anesthesia simulator will prepare the student for the usage and complete understanding of the monitors and practice of anesthesia. Students will apply their didactic knowledge to scenarios on the anesthesia simulator. Patient modalities—such as pulse oximetry, capnography, and blood pressure monitoring systems—are explored. Laboratory experiments will develop students' understanding of anesthesia delivery systems, various types of breathing circuits, fresh gas flow effect, theory of dilutional methods of cardiac output monitoring, and relations between mean circulatory filling pressures and central venous pressure. A vascular sonography lab will allow a unique and comprehensive understanding of transesophageal and transthoracic echocardiography, cerebrovascular testing, and venous and peripheral arterial testing (3 credits).

ANES 5325 - ECG for Anesthesiologist Assistants

Prerequisite: None

Corequisite: ANES 5025, ANES 5045, ANES 5085, ANES 5321, ANES 5500, ANES 5510

Basic and advanced ECG interpretation using simulators to understand an overview of heart anatomy, function, and neurophysiology (2 credits).

ANES 5381 - Clinical Anesthesia I

Prerequisite: ANES 5046, ANES 5150, ANES 5322, ANES 5445, ANES 5651, ANES 5801, ANES 5851, ANES 5900

Corequisite: ANES 5071, ANES 5323, ANES 5446, ANES 5652, ANES 5802, ANES 5852
Developmental skills and foundations of the clinical practice of anesthesia are gained through one-on-one supervised instruction in the operating room and other ancillary anesthetizing locations. Participation and responsibilities increase through the year as knowledge and skills develop (3 credits).

ANES 5382 - Clinical Anesthesia II

Prerequisite: ANES 5071, ANES 5323, ANES 5381, ANES 5446, ANES 5652, ANES 5802, ANES 5852
Corequisite: ANES 5072, ANES 5324, ANES 5653, ANES 5853, ANES 5901, ANES 5902

This course is a continuation of ANES 5381. Developmental skills and foundations of the clinical practice of anesthesia are gained through one-on-one supervised instruction in the operating room and other ancillary anesthetizing locations. Participation and responsibilities increase through the

year as knowledge and skills develop (3 credits).

ANES 5383 - Clinical Anesthesia III

Prerequisite: ANES 5072, ANES 5324, ANES 5382, ANES 5653, ANES 5853, ANES 5901, ANES 5902
Corequisite: None

This course is a continuation of ANES 5382. Developmental skills and foundations of the clinical practice of anesthesia are gained through one-on-one supervised instruction in the operating room and other ancillary anesthetizing locations. Participation and responsibilities increase through the year as knowledge and skills develop (13 credits).

ANES 5384 - Clinical Anesthesia IV

Prerequisite: ANES 5383

Corequisite: ANES 6000

This course is a continuation of ANES 5003. Developmental skills and foundations of the clinical practice of anesthesia are gained through one-on-one supervised instruction in the operating room and other ancillary anesthetizing locations. Participation and responsibilities increase through the year as knowledge and skills develop (15 credits).

ANES 5385 - Clinical Anesthesia V

Prerequisite: ANES 5384, ANES 6000

Corequisite: None

This course is a continuation of ANES 5384. Encompasses the student's clinical experience in required rotations through all sub-specialty areas of anesthesia. Clinical rotations are assigned at two-week and four-week intervals and will require being on-call on some nights and weekends. Clinical practice of anesthesia is gained through one-on-one supervised instruction in the operating room and other ancillary anesthetizing locations. Monthly required readings are assigned. Monthly comprehensive examinations are administered. Each course's grade is composed of clinical evaluations and comprehensive examination scores (12 credits).

ANES 5445 - Pharmacology for Anesthesia I

Prerequisite: ANES5025, ANES 5045, ANES 5085, ANES 5321, ANES 5325, ANES 5500, ANES 5510
Corequisite: ANES 5046, ANES 5150, ANES 5322, ANES 5651, ANES 5801, ANES 5851, ANES 5900

Emphasizes drugs specifically related to the practice of anesthesia, including inhaled anesthetics, opioids, barbiturates, benzodiazepines, anticholinesterases and anticholinergics, neuromuscular blockers, adrenergic agonists and antagonists, nonsteroidal anti-inflammatory drugs, antidysrhythmics, calcium channel blockers, diuretics, anticoagulants, antihistamines, and

antimicrobials (2 credits).

ANES 5446 - Pharmacology for Anesthesia II

Prerequisite: ANES 5046, ANES 5150, ANES 5322, ANES 5445, ANES 5651, ANES 5801, ANES 5851, ANES 5900

Corequisite: ANES 5071, ANES 5323, ANES 5381, ANES 5652, ANES 5802, ANES 5852

This course is a continuation of ANES 5445. Emphasizes drugs specifically related to the practice of anesthesia, including inhaled anesthetics, opioids, barbiturates, benzodiazepines, anticholinesterases and anticholinergics, neuromuscular blockers, adrenergic agonists and antagonists, nonsteroidal anti-inflammatory drugs, anti-dysrhythmics, calcium channel blockers, diuretics, anticoagulants, antihistamines, and antimicrobials (2 credits).

ANES 5500 - Physiology

Prerequisite: None

Corequisite: ANES5025, ANES 5045, ANES 5085, ANES 5321, ANES 5325, ANES 5510

Clinically relevant physiologic principles of the major organ systems covered in Anatomy. Pathological changes occur in human physiology during the disease process (4 credits).

ANES 5510 - Anatomy Gross structures of the human body

Prerequisite: None

Corequisite: ANES5025, ANES 5045, ANES 5085, ANES 5321, ANES 5325, ANES 5500

Integrates topographic and radiographic anatomy to stress the application and importance of clinical anatomy. Develops the knowledge of the human anatomy necessary for the practice of the profession (4 credits).

ANES 5651 - Applied Physiology for Anesthesia Practice I

Prerequisite: ANES5025, ANES 5045, ANES 5085, ANES 5321, ANES 5325, ANES 5500, ANES 5510
Corequisite: ANES 5046, ANES 5150, ANES 5322, ANES 5445, ANES 5801, ANES 5851, ANES 5900

Pathophysiology in a systems approach—cardiovascular, pulmonary, renal, neuro, metabolic, and endocrine. Emphasizing hemodynamics, starling forces, pulmonary responses, renal hemodynamics, temperature regulation, blood gases/pH, and maternal and fetal physiology. Also emphasizes those systems that affect evaluation and planning for anesthesia and that are affected by the administration of anesthesia (3 credits).

ANES 5652 - Applied Physiology for Anesthesia Practice II

Prerequisite: ANES 5046, ANES 5150, ANES 5322, ANES 5445, ANES 5651, ANES 5801, ANES 5851, ANES 5900

Corequisite: ANES 5071, ANES 5323, ANES 5381, ANES 5446, ANES 5802, ANES 5852

This course is a continuation of ANES 5651. Pathophysiology is approached in a systems approach—cardiovascular, pulmonary, renal, neuro, metabolic, and endocrine. Emphasis is placed on hemodynamics, Starling forces, pulmonary responses, renal hemodynamics, temperature regulation, blood gases/pH, and maternal and fetal physiology. The course also emphasizes those systems that affect evaluation and planning for anesthesia and that are affected by the administration of anesthesia (3 credits).

ANES 5653 - Applied Physiology for Anesthesia Practice III

Prerequisite: ANES 5071, ANES 5323, ANES 5381, ANES 5446, ANES 5652, ANES 5802, ANES 5852
Corequisite: ANES 5072, ANES 5324, ANES 5382, ANES 5853, ANES 5901, ANES 5902

This course is a continuation of ANES 5652, which offers pathophysiology in a systems approach—cardiovascular, pulmonary, renal, neuro, metabolic, and endocrine. It emphasizes hemodynamics, Starling forces, pulmonary responses, renal hemodynamics, temperature regulation, blood gases/Ph, and maternal and fetal physiology. The course also emphasizes those systems that affect evaluation and planning for anesthesia and that are affected by the administration of anesthesia (2 credits).

ANES 5801 - Principles of Instrumentation and Patient Monitoring I

Prerequisite: ANES 5025, ANES 5045, ANES 5085, ANES 5321, ANES 5325, ANES 5500, ANES 5510
Corequisite: ANES 5046, ANES 5150, ANES 5322, ANES 5445, ANES 5651, ANES 5851, ANES 5900

Practical principles, application, and interpretation of various monitoring modalities, including ECG, invasive and noninvasive blood pressure, oximetry, cardiac output, respiratory gas analysis, respiration, and instrumentation as they pertain to anesthesia practice. Also includes intraoperative neurophysiology monitoring, temperature, renal function, coagulation/hemostasis, neuromuscular junction, transesophageal and transthoracic echocardiography, cerebrovascular testing, and venous and peripheral arterial testing (2 credits).

ANES 5802 - Instrumentation and Monitoring II

Prerequisite: ANES 5046, ANES 5150, ANES 5322, ANES 5445, ANES 5651, ANES 5801, ANES 5851, ANES 5900

Corequisite: ANES 5071, ANES 5323, ANES 5381, ANES 5446, ANES 5652, ANES 5852

This course is a continuation of 5801 and offers a more in-depth look into cardiac monitoring and cerebral monitoring and allows for the student to apply relevant clinical knowledge to knowledge learned in ANES 5801. (2 Credits)

ANES 5851 - Anesthesia Principles and Practices I

Prerequisite: ANES5025, ANES 5045, ANES 5085, ANES 5321, ANES 5325, ANES 5500, ANES 5510 Corequisite: ANES 5046, ANES 5150, ANES 5322, ANES 5445, ANES 5651, ANES 5801, ANES 5900

Principles involved in the formulation of anesthetic plans based on data obtained during the preoperative evaluation. Includes the formulation and practices of different anesthetic plans and techniques as related to specific surgical procedures and pathophysiology (2 credits).

ANES 5852 - Anesthesia Principle and Practices II

Prerequisite: ANES 5046, ANES 5150, ANES 5322, ANES 5445, ANES 5651, ANES 5801, ANES 5851, ANES 5900

Corequisite: ANES 5071, ANES 5323, ANES 5381, ANES 5446, ANES 5652, ANES 5802

This course is a continuation of ANES 5851. It covers the principles involved in formulating anesthetic plans based on data obtained during the preoperative evaluation. It also includes the formulation and practices of different anesthetic plans and techniques as related to specific surgical procedures and pathophysiology (2 credits).

ANES 5853 - Anesthesia Principles and Practices III

Prerequisite: ANES 5071, ANES 5323, ANES 5381, ANES 5446, ANES 5652, ANES 5802, ANES 5852 Corequisite: ANES 5072, ANES 5324, ANES 5382, ANES 5653, ANES 5901, ANES 5902

This course is a continuation of ANES 5852. It discusses the principles involved in formulating anesthetic plans based on data obtained during the preoperative evaluation and includes the formulation and practices of different anesthetic plans and techniques as related to specific surgical procedures and pathophysiology (2 credits).

ANES 5900 - Professional Issues in Anesthesiologist Assistant Practice

Prerequisite: ANES5025, ANES 5045, ANES 5085, ANES 5321, ANES 5325, ANES 5500, ANES 5510 Corequisite: ANES 5046, ANES 5150, ANES 5322, ANES 5445, ANES 5651, ANES 5801, ANES 5851

As providers within the dynamic U.S. health care system, anesthesiologist assistants must be able to exhibit professionalism in a wide range of clinical and nonclinical settings. This course (3 credits) will provide learners with an overview of contemporary and historical practice issues relevant to the anesthesiologist assistant.

ANES 5901 - Current Issues in Anesthesia

Prerequisite: ANES 5071, ANES 5323, ANES 5381, ANES 5446, ANES 5652, ANES 5802, ANES 5852 Corequisite: ANES 5072, ANES 5324, ANES 5382, ANES 5653, ANES 5853, ANES 5902

This class will provide a thorough overview of the challenges facing the practice of anesthesia in

the United States and the rest of the world. It will also discuss the politics of anesthesia in America and provide an educational overview of access to care in other countries (2 credits).

ANES 5902 - Anesthesia Subspecialty

Prerequisite: ANES 5071, ANES 5323, ANES 5381, ANES 5446, ANES 5652, ANES 5802, ANES 5852 Corequisite: ANES 5072, ANES 5324, ANES 5382, ANES 5653, ANES 5853, ANES 5901

Writing Portion for Anesthesia subspecialties where students learn about an assigned anesthesia subspecialty and describe its contribution to the perioperative process (5 credits).

ANES 6000 - Anesthesia Review

Prerequisite: ANES 5383

Corequisite: ANES 5384

Lectures, required readings, and discussions with faculty members, visiting faculty members, and current residents on clinical and research topics. This includes the correlation between case management and complications (1 credit).

Master of Science in Preclinical Sciences Program

Program Description

The Master of Science in Preclinical Sciences prepares students for entrance into the Doctor of Osteopathic Medicine or other health professional programs. Students will be immersed in a 12-month rigorous program alongside osteopathic medical students, learning the foundations of osteopathic medicine and the fundamental aspects of being a health professional. It also includes a systems-based approach that integrates anatomy, physiology, pharmacology, pathology, and other biomedical sciences with the clinical sciences using a patient-centered approach. This program does not lead to any eligibility for any licensure or certification. The Preclinical Sciences program is a residential program. Didactic and lab courses will be completed on campus, and clinical courses will be completed on clinical sites. A student who has successfully completed all 43 credit hours and has passed all academic requirements will be granted the Master of Science in Preclinical Studies.

Academic Schedule

The official semester schedule is published at OCOM on or before the first day of classes each semester. Remediation schedules will be reflected in the official semester schedules. Registration Deadlines each year for the Fall and Spring Semesters are the last business day of June and the last business day of December, respectively.

University Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day

Master Schedule:

MSPS - Fall Semester Classes Start: Last Monday in July

MSPS II - Thanksgiving Break: 5 pm Friday before Thanksgiving until 8 am Monday following Thanksgiving.

MSPS II - Winter Break: 8 am Monday before Christmas until Friday at 5 pm following New Year's Day

Graduation - (for Graduating Class): Mother's Day

MSPS I and II - Last Day of Classes: Last Friday in May

MSPS Admissions Process

The Office of Admissions ensures qualified students will be selected for enrollment to the MSPS.

The MSPS Admissions Committee, under the direction of the Associate Dean for Student Services, considers the applicant's academic background, achievements, personal statement, test scores, letters of recommendation, health-related work or research, and volunteer experiences.

In addition to academic performance, the Admissions Committee emphasizes the demonstration of personal merit, compassion, community involvement, communication skills, teamwork, leadership, professionalism, integrity, and dedication to professional goals.

The Admissions Committee will decide whether to accept, deny acceptance, or waitlist the candidates it has interviewed based on the evaluations provided.

Non-Discrimination Admission Policy

The policy does not discriminate based on race, ethnicity, color, sex, sexual orientation, gender, gender identity, religion, national origin, age, or disabilities.

The Admissions Office will recruit students from diverse backgrounds to foster cultural richness and meet its mission, goals, and objectives.

Minimum Requirements for Admission

In order to be considered for an interview, OCOM applicants for admission will be required to complete a minimum of 75 percent of the credits needed for a bachelor's degree in a college accredited by an agency recognized by the United States Department of Education.

Applicants must earn a baccalaureate degree before enrollment. To be considered, applicants should have achieved at least a 3.2 cumulative grade point average (GPA) on a 4.0 scale. The admissions process is competitive, and a higher GPA (above 3.2) improves the chances of acceptance. The most competitive applicants would have a science and cumulative GPA of 3.2 or higher. OCOM also emphasizes the applicant's interview.

The required undergraduate courses for entry are:

- Biological Sciences: One year with laboratory (8 semester hours/12 quarter hours)
- Physics: One year (6 to 8 semester hours/9 to 12 quarter hours)
- Inorganic Chemistry: One year with laboratory (8 semester hours/12 quarter hours)
- Organic Chemistry: One year with laboratory (8 semester hours/12 quarter hours)
- English: One year (6 semester hours/8 quarter hours)
- Six (6) additional science hours are highly recommended. OCOM recommends courses at the 300/400 level or beyond in subjects that will enhance performance in medical school, such as Anatomy, Physiology, Biochemistry, Genetics, Microbiology, and Immunology.

NOTE: Courses with equivalent content will be reviewed.

NOTE: To fulfill the pre-requisite course requirement, students must obtain a "C" or better grade in each required course above.

Applicants are required to meet the technical standards for admission and continued enrollment and affirm that they meet the standards. Any falsification or misinformation regarding the ability to meet technical standards is a reason for rescinding the offer of admission or, after enrollment, dismissal from the program.

Applicants must submit all required paperwork per deadlines. If paperwork is not submitted as required, an offer of admission may be retracted.

Transfer Applicants

The MSPS program is not accepting transfer students at this time.

International Student Applicants

OCOM does not accept applications from students requiring F-1 student visa status until such time approval is granted by the Department of Homeland Security (DHS) and US Immigration and Customs Enforcement (ICE). OCOM is currently not seeking approval to accept International Students.

OCOM requires applicants who have completed coursework at foreign institutions to be evaluated for U.S. equivalence by one of the evaluation services listed on the AACOM website at <http://help.unicas.com:8888/aacomahelpPages/instructions/index.html>

The evaluation service must verify that coursework completed at an institution outside the US is comparable to a regionally accredited US college. OCOM requires verification of applicants' credentials from a college or university outside the United States that has met the equivalency for the minimum admission requirements.

Applications Deadline

The official application is available online through the website. The deadline for MSPS applicants will fall on May 1 but is subject to change annually. Applicants should consult the website. The last day for applicants to submit their Secondary Application and supporting materials will be June 15, but it should be done much earlier in order to be competitive.

MSPS Selection Process

To be considered for an interview, an applicant must meet all the preceding admissions requirements and technical standards and have a complete file, including the admissions application, a recommendation form/letter from a pre-medical or pre-health committee or science faculty, and the processing fee. After the Office of Admissions receives these materials, the applicant's file is reviewed to determine eligibility for an interview based on the established criteria of the Admissions Committee.

The Admissions Committee will review each applicant who interviews with the MSPS Program. Based on academic performance, professional experience, and the interview, an admissions decision will be made in a timely manner, usually within 2-3 weeks of the interview date.

Intentional misrepresentation or omission of information on any form relevant to admissions or records subjects the student to a retraction of an offer for admissions or dismissal if the misrepresentation/omission is discovered after admissions. The MSPS program reserves the right to deny admission to any applicant for any reason it deems sufficient. Enrollment may be denied to applicants who have failed to maintain a good record of academic performance or a good record of personal conduct between the time of their acceptance and enrollment at the MSPS program.

The inability to maintain compliance with educational training technical standards may also result in the revocation of acceptance or matriculation. Additionally, applicants found to have screening tests positive for alcohol, prescription medications without a valid prescription, or substances that are illegal in the state of Florida may result in the revocation of an offer of acceptance or matriculation. Controlled substance screening results are viewed in light of Florida and federal laws governing illegal substances.

For example, although the use of marijuana is legal in some states, the US Federal Drug Enforcement Agency lists it as an illegal drug. Its use or abuse impairs a healthcare professional's ability to provide optimal patient care. As such, the use of marijuana in any form is a violation of policy.

Tuition and Fees

Program Costs (AY 2023-2024):

Tuition Per Year: \$31,000.00

Estimated Total Program Tuition: \$31,000

Estimated Cost of Books and Supplies: \$300/year

Estimated Annual Fees: \$5,000

Other Expected Costs (not including cost of living): None

Program Objectives

Upon graduation from the Master of Science in Preclinical Sciences, graduates will be able to:

Osteopathic Principles & Practice

1. Understand the integration of the four tenets of osteopathic medicine into patient care.

Medical Knowledge

1. Identify foundational biomedical science concepts related to medical conditions in the select systems.
2. Demonstrate a foundational understanding of cell biology and medical genetics, biochemistry, physiology, pharmacology, immunology, microbiology, biostatistics, and epidemiology.
3. Utilize epidemiological science to identify processes and practices to prevent diseases and improve community health outcomes.
4. Apply the scientific method when appraising biomedical literature.
5. Integrate biomedical science with the psychosocial factors that relate to patient conditions.
6. Utilize ethical and legal practices when conducting research.

Interpersonal and Communication Skills

1. Utilize both physician and patient-centered medical interviewing skills as appropriate.
2. Use appropriate documentation and oral communication when discussing patient care.
3. Use effective communication in all activities, including classroom sessions, peer interactions, and health care activities.
4. Develop communication skills that apply to conflict management, negotiation, and leadership.

Professionalism

1. Demonstrate behaviors of respect, compassion, probity, honesty, and trustworthiness.
2. Commit to using ethical principles during all activities.
3. Express awareness of and proper attention to issues of culture, religion, age, gender, sexual orientation, and mental and physical disabilities.
4. Utilize self-care, including principles of physical and psychosocial wellness.
5. Demonstrate life-long learning skills.
6. Demonstrate accountability to patients, society, and the profession, including the duty to act in response to the knowledge of the professional behavior of others.
7. Utilize Learning Communities to develop peer, advisor, and mentor relationships, which promote compassion for and understanding of oneself and others.

Practice-Based Learning

1. Apply the scientific method to evaluate biomedical literature for application to patient care.
2. Evaluate the relevance and validity of clinical research.
3. Identify methods to improve population health, predominantly rural and underserved medical populations.
4. Describe the research continuum that translates scientific discoveries into clinical applications.

Systems-Based Practice

1. Compare various healthcare delivery systems, including their effect on patient care, from the perspectives of healthcare team members and patients.
2. Identify the impact of various healthcare delivery systems and services on patient populations, including rural and medically underserved populations.
3. Collaborate effectively in health care teams, identifying best practices to deliver appropriate patient care.
4. Identify social determinants of health and how healthcare systems and practices address

Curriculum

Course Number	Course Title	Credit Hours
FOUND 1000	Foundations of Medical School Sciences	3
OPP 1100	Osteopathic Principles & Practice I	2
CARE 1200	Caring & Patient-Centered Professional Physician I	2
LEAR 1300	Learning Consolidation I	2
DERM 1400	Dermatology	2
HEME 1410	Hematology/Oncology	2
ORTH 1420	Orthopedics & Rheumatology	4
ID 1430	Infectious Disease	2

ENDO 1440	Endocrinology	3
OPP 1600	Osteopathic Principles & Practice II	2
CARE 1700	Caring & Patient-Centered Professional Physician II	5
LEAR 1800	Learning Consolidation II	3
EENT 1900	Otolaryngology	2
PULM 1910	Pulmonology	3
CARD 1920	Cardiology	4
PSYCH 1930	Psychiatry & Behavioral Health	2
TOTAL:		43

Course Descriptions

FOUND 1000 - Foundations of Medical School Sciences

This course provides the foundation for medical students to learn human anatomy using virtual technology, use evidence-based techniques for literature searches and reviews, integrate biomedical sciences into clinical applications, and other selected aspects that will form the foundation of medical school learning. Topics include the following five “themes” which are integrated throughout the course: (1) Anatomy, Radiology, and Embryology Thread; (2) Immunology Thread; (3) Physiology, Histology, and Pathology/Pathophysiology Thread; (4) Pharmacology Thread; and (5) Biochemistry, Immunology and Genetics Thread. This course is a clinically relevant approach to biomedical science and concepts that students need foundationally to succeed in subsequent systems-based courses. (3 credits).

OPP 1100 - Osteopathic Principles & Practice I

This first in a series, this course will introduce the history of osteopathic medicine, the foundational concepts of Osteopathic Principles and Practices, and develop diagnostic and palpatory skills as the first part of the longitudinal OPP curriculum. Additionally, this course will teach the Osteopathic Structural Examination (OSE) of the thorax, ribs, lumbar spine, and innominate combined with introducing Osteopathic Manipulative Treatment (OMT) techniques in these areas. The Osteopathic Principles and Practices I course is designed to give the student a fundamental understanding of osteopathic medicine’s principles, philosophies, and practices. This builds a foundation of osteopathic knowledge and prepares the student to provide patients with an integrated approach to medical care. It begins the process of continued education and development within osteopathic medicine. The course comprises didactic and laboratory/skills components (2 credits).

CARE 1200 - Caring & Patient-Centered Professional Physician

This course series integrates selected areas of practice-based learning and improvement, systems-based practice, professionalism, interpersonal communication skills, and the scientific method relating to osteopathic medicine as needed to develop the student into a caring and competent osteopathic physician. It includes taking a patient history, performing a physical examination, using clinical reasoning to establish a differential diagnosis and identify a leading diagnosis, documenting the clinical encounter, verbally presenting a patient case, performing basic

clinical procedures, and demonstrating excellent communication skills and professionalism. (2 credits).

LEAR 1300 - Learning Consolidation I

This course series integrates selected areas of the curriculum covering all seven core competencies of an osteopathic physician. It employs active retrieval and assessment to achieve sustainable learning and comprehension of the interleaved curriculum. This course will use ongoing application and spiral-based learning, and students will longitudinally explore the application of core content to clinical cases and practice board examination preparation questions (2 credits).

DERM 1400 - Dermatology

An in-depth introduction to the basic structure, integrative physiological functions, and regulation of the integumentary system, as well as the basic science concepts underlying disorders of the integumentary system, will be reinforced and expanded upon throughout the curriculum. This course encompasses material from multiple disciplines, including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, and Pharmacology. Team-based learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content (2 credits).

HEME 1410 - Hematology/Oncology

This foundational course introduces hematologic and oncologic principles and practices, including anatomy, physiology, and pharmacology. Key topics include the normal and abnormal hematopoietic functions of the bone marrow, the lympho-reticular system, a basic understanding of hematology, the biology of neoplasia, blood disorders, hereditary cancers, genetics, and their management. Emphasis is placed on understanding the pathology of various anemias, bleeding disorders, leukemias, and solid tumors. Ongoing application and spiral-based learning will be used in this course and students will longitudinally develop a comprehensive understanding of hematology and oncology. This course encompasses material from multiple disciplines, including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, Genetics, Diagnostic Imaging, Pharmacology, Immuno-biologicals, and Radiation and Surgical Oncology. Team-based learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content (2 credits).

ORTH 1420 - Orthopedics & Rheumatology

This multidisciplinary course incorporates foundational aspects of embryology, histology, cell-molecular biology, clinical anatomy, biochemistry, and physiology related to the orthopedic and rheumatology systems. This course introduces a comprehensive understanding of the musculoskeletal system's structure, properties, and functions, as well as the processes that may lead to injury and influence recovery of the musculoskeletal system. In addition, there will be clinical correlation incorporating the history and physical examination of common orthopedic and rheumatological conditions. The course will use holographic anatomy, histological images, X-rays, and CT-scan images to introduce major anatomic structures and their relations with other components of the

musculoskeletal system, as well as primary pathology and physiology. Case-based learning, self-directed learning assignments, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content (4 credits).

ID 1430 - Infectious Disease

This foundational course comprehensively introduces essential microbiology, including the most common and clinically relevant bacterial, viral, fungal, and parasitic infections. Emphasis is placed on recognizing clinical patterns, generating differential diagnoses, diagnostic approaches, and evidence-based treatment strategies. Key topics include emerging diseases, antimicrobial resistance, and rational antimicrobial use. These concepts are reinforced and expanded upon throughout the pre-clinical curriculum. This course encompasses material from multiple disciplines including Anatomy, Physiology, Pathology, Biochemistry, Histology, and Pharmacology. Team-based learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content (2 credits).

ENDO 1440 Endocrinology

This foundational course comprehensively introduces the endocrine system, including its anatomy and physiology, hormone regulation, and medical and surgical management. Key topics include the function of major endocrine glands, hormone signaling pathways, and their impact on various body processes. Emphasis is placed on understanding the role of hormones in maintaining homeostasis and their relevance in health and disease. Ongoing application and spiral-based learning will be used in this course and students will longitudinally develop a comprehensive understanding of the endocrine system. This course encompasses material from multiple disciplines including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, and Pharmacology. Team-based learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content (3 credits).

OPP 1600 - Osteopathic Principles & Practice II

Prerequisite: Successful completion of OPP 1100

This course series will advance the foundational concepts of osteopathic medicine and further development of diagnosis and palpatory skills as part of the longitudinal OPP curriculum. Additionally, this course will teach the Osteopathic Structural Examination (OSE) of the cervical spine, extremities, and sacrum, combined with the execution of the Osteopathic Manipulative Treatment (OMT) technique in those areas. The Osteopathic Principles and Practices II course builds upon the fundamental understanding of osteopathic medicine principles, philosophies, and practices developed in OPP 1100. Expanding more advanced osteopathic knowledge prepares the student to provide patients with an integrated approach to medical care while advancing the foundation for continued education and development within osteopathic medicine. The course comprises didactic and laboratory components (2 credits).

CARE 1700 - Caring & Patient-Centered Professional Physician

Prerequisite: Successful completion of CARE 1200

This course series integrates selected areas of practice-based learning and improvement, systems-based practice, professionalism, interpersonal communication skills, and the scientific method relating to osteopathic medicine as needed for a caring and competent osteopathic physician. It includes taking a patient history, performing a physical examination, using clinical reasoning to develop a differential diagnosis and identify a likely diagnosis, documenting the clinical encounter, verbally presenting a patient case, performing basic clinical procedures, and demonstrating excellent communication and professionalism (5 credits).

LEAR 1800 - Learning Consolidation II

Prerequisite: Successful completion of LEAR 1300

This course series integrates selected areas of the curriculum covering all seven core competencies of an osteopathic physician. It employs active retrieval and assessment to achieve sustainable learning and comprehension of the interleaved curriculum (3 credits).

EENT 1900 - Otolaryngology, Ophthalmology, & Surgical Specialties

This course provides an in-depth introduction to the basic structure, integrative physiological functions, regulation, and management of surgical systems, focusing on otolaryngology, ophthalmology, general surgical principles, and anesthesiology. Basic science concepts underlying otolaryngology, ophthalmology, and general surgery disorders will be reinforced and expanded upon throughout the course. This course encompasses material from multiple disciplines including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, and Pharmacology. The course content will be delivered by team-based learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions. The course will also contain a survey of the surgical specialties. (2 credits).

PULM 1910- Pulmonology

This foundational course comprehensively introduces the basic anatomy, physiology, and pathophysiology of the lungs and airways. The course will focus on common respiratory diseases, diagnostic approaches, and evidence-based treatment strategies. Emphasis will be placed on recognizing clinical patterns and generating differential diagnoses. These concepts will be reinforced and expanded upon throughout the pre-clinical curriculum. This course encompasses material from multiple disciplines, including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, and Pharmacology. Team-based learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content (3 credits).

CARD 1920 - Cardiology

This course provides an in-depth introduction to the basic structure, integrative physiological functions, and regulation of the cardiovascular system, as well as the basic science concepts underlying disorders of the cardiovascular system, which will be reinforced and expanded upon throughout the curriculum. This course encompasses material from multiple disciplines including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, and Pharmacology. Team-based

learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content (4 credits).

PSYCH 1930 - Psychiatry & Behavioral Health

This course is arranged into four *Threads*, under which are *Topic Areas*. Students will be responsible for the following:

- (1) *Basic Clinical Skills*, including (a) History-Taking, Examination, and Medical Interviewing; (b) Documentation and Communication; (c) Clinical Reasoning and Differential Diagnosis; and (d) Assessment of Psychiatric Emergencies;
- (2) *Psychopathology and Psychiatric Disorders*, including (a) Neurocognitive Disorders; (b) Substance-Related & Addictive Disorders; (c) Schizophrenia-Spectrum Disorders; (d) Depressive Disorders; (e) Bipolar Disorders; (f) Anxiety Disorders; (g) Obsessive-Compulsive Disorders; (h) Trauma-and Stressor-Related Disorders; (i) Somatic Symptom and Related Disorders; (j) Dissociative Disorders; (k) Feeding and Eating Disorders; (l) Elimination Disorders; (m) Sexual Dysfunctions and Gender Dysphoria; (n) (o) Paraphilic Disorders; (p) Sleep-Wake Disorders; (q) Personality Disorders; and (r) Neurodevelopmental Disorders;
- (3) *Disease Prevention, Therapeutics, and Management*, including (a) Prevention, (b) Pharmacological Therapies, (c) Brain Stimulation Therapies, (d) Psychotherapies, (e) Multidisciplinary Treatment Planning and Collaborative Management, and (f) Complementary and Alternative Treatments Related to Psychiatry;
- (4) *Professionalism, Ethics, Osteopathic Principles, and the Law*, including (a) Professionalism, (b) Medical Ethics, (c) Medical-Legal Issues in Psychiatry, (d) Osteopathic Principles Related to Psychiatry; and (d) Cultural Competence and Mental Health Disparities (2 credits).

Master of Science in Medical Sciences (MSMS)

Program Description

The **Master of Science in Medical Sciences** prepares students for entrance into the Doctor of Osteopathic Medicine or other health professional programs. Students will be immersed in a 12-month rigorous program alongside osteopathic medical students, learning the foundations of osteopathic medicine and the fundamental aspects of being a health professional. It also includes a systems-based approach that integrates anatomy, physiology, pharmacology, pathology, and other biomedical sciences with the clinical sciences using a patient-centered approach. This program does not lead to any eligibility for any licensure or certification. The Preclinical Sciences program is a residential program. Didactic and practical lab assignments will be completed on campus.

Academic Schedule

The official semester schedule is published at OCOM on or before the first day of classes each semester. Remediation schedules will be reflected in the official semester schedules. Registration Deadlines each year for the Fall and Spring Semesters are the last business day of June and the last business day of December, respectively.

University Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day

Master Schedule:

MSPS - Fall Semester Classes Start: Last Monday in July

MSPS II - Thanksgiving Break: 5 pm Friday before Thanksgiving until 8 am Monday following Thanksgiving.

MSPS II - Winter Break: 8 am Monday before Christmas until Friday at 5 pm following New Year's Day

Graduation - (for Graduating Class): Mother's Day

MSPS I and II - Last Day of Classes: Last Friday in May

MSMS Admissions Process

The Office of Admissions ensures qualified students will be selected for enrollment to the MSMS.

The MSMS Admissions Committee, under the direction of the Associate Dean for Student Services, considers the applicant's academic background, achievements, personal statement, test scores (optional), letters of recommendation (2 in total), health-related work or research, and volunteer experiences (if any).

In addition to academic performance, the Admissions Committee emphasizes the demonstration of personal merit, compassion, community involvement, communication skills, teamwork, leadership, professionalism, integrity, and dedication to professional goals.

Non-Discrimination Admission Policy

The policy does not discriminate based on race, ethnicity, color, sex, sexual orientation, gender, gender identity, religion, national origin, age, or disabilities.

The Admissions Office will recruit students from diverse backgrounds to foster cultural richness and meet its mission, goals, and objectives.

Minimum Requirements for Admission

In order to be considered for an interview, OCOM MSMS applicants for admission will be required to complete a minimum of 75 percent of the credits needed for a bachelor's degree in a college accredited by an agency recognized by the United States Department of Education.

Applicants must earn a baccalaureate degree before enrollment. To be considered, applicants should have achieved at least a 3.0 cumulative grade point average (GPA) on a 4.0 scale. The admissions process is competitive, and a higher GPA (above 3.0) improves the chances of acceptance. The most competitive applicants would have a science GPA of 2.5 or higher. OCOM MSMS Program also emphasizes the applicant's interview.

The required undergraduate courses for entry are:

- Biological Sciences: One year with laboratory (8 semester hours/12 quarter hours)
- Physics: One year (6 to 8 semester hours/9 to 12 quarter hours)
- Inorganic Chemistry: One year with laboratory (8 semester hours/12 quarter hours)
- Organic Chemistry: One year with laboratory (8 semester hours/12 quarter hours)
- English: One year (6 semester hours/8 quarter hours)
- Recommended: Two (2) additional science courses are recommended, but not required. OCOM recommends courses at the 300/400 level or beyond in subjects such as Anatomy, Physiology, Biochemistry, Genetics, Microbiology, and Immunology.

NOTE: Courses with equivalent content will be reviewed.

NOTE: To fulfill the pre-requisite course requirement, students must obtain a "C" or better grade in each required course above.

Applicants are required to meet the technical standards for admission and continued enrollment and affirm that they meet the standards. Any falsification or misinformation regarding the ability to meet technical standards is a reason for rescinding the offer of admission or, after enrollment, dismissal from the program.

Applicants must submit all required paperwork per deadlines. If paperwork is not submitted as required, an offer of admission may be retracted.

Transfer Applicants

The MSMS program is not accepting transfer students at this time.

International Student Applicants

OCOM does not accept applications from students requiring F-1 student visa status until such time approval is granted by the Department of Homeland Security (DHS) and US Immigration and Customs Enforcement (ICE). OCOM is currently not seeking approval to accept International Students.

OCOM requires applicants who have completed coursework at foreign institutions to be evaluated for U.S. equivalence. The US Department of Education, International Affairs Office recommends that foreign institutions must be evaluated for U.S. equivalence. The National Association of Credential Evaluation Services (NACES®) provides a list of recommended credentialing services: <https://naces.org/members/> The evaluation service must verify that coursework completed at an institution outside the US is comparable to a regionally accredited US college. OCOM requires verification of applicants' credentials from a college or university outside the United States that has met the equivalency for the minimum admission requirements.

MSMS Selection Process

To be considered for an interview, an applicant must meet all the preceding admissions requirements and technical standards and have a complete file, including the MSMS master's program admissions application, a recommendation form/letter from a pre-medical or pre-health committee or science faculty, and the processing fee. After the Office of Admissions receives these materials, the applicant's file is reviewed to determine eligibility for an interview based on the established criteria of the Admissions Committee.

The Admissions Committee will review each applicant who interviews with the MSMS Program. Based on academic performance, professional experience, and the interview, an admissions decision will be made in a timely manner, usually within 2-3 weeks of the interview date.

Intentional misrepresentation or omission of information on any form relevant to admissions or records subjects the student to a retraction of an offer for admissions or dismissal if the misrepresentation/omission is discovered after admissions. The MSMS program reserves the right to deny admission to any applicant for any reason it deems sufficient. Enrollment may be denied to applicants who have failed to maintain a good record of academic performance or a good record of personal conduct between the time of their acceptance and enrollment at the MSPS program.

The inability to maintain compliance with educational training technical standards may also result in the revocation of acceptance or matriculation. Additionally, applicants found to have screening tests positive for alcohol, prescription medications without a valid prescription, or substances that are illegal in the state of Florida may result in the revocation of an offer of acceptance or matriculation. Controlled substance screening results are viewed in light of Florida and federal laws governing illegal substances.

For example, although the use of marijuana is legal in some states, the US Federal Drug Enforcement Agency lists it as an illegal drug. Its use or abuse impairs a healthcare professional's ability to provide optimal patient care. As such, the use of marijuana in any form is a violation of policy.

Tuition and Fees

Master of Science in Medical Sciences Program:

Program Costs (AY 2026-2027):

Tuition Per Year: \$50,000.00

Estimated Total Program Tuition: \$31,000

Estimated Cost of Books and Supplies: \$300/year

Estimated Annual Fees: \$5,000

Other Expected Costs (not including cost of living): None

Program Objectives

Upon graduation from the **Master of Science in Medical Sciences (MSMS)**, graduates will be able to:

Osteopathic Principles & Practice

1. Understand the integration of the four tenets of osteopathic medicine into patient care.

Biomedical Sciences Knowledge

1. Identify foundational biomedical science concepts related to medical conditions in the select systems.
2. Demonstrate a foundational understanding of cell biology and medical genetics, biochemistry, physiology, pharmacology, immunology, microbiology, research biostatistics, and epidemiology.
3. Utilize epidemiological science to identify processes and practices to prevent diseases and improve community health outcomes.
4. Apply the scientific method when appraising biomedical literature.
5. Integrate biomedical science with the psychosocial factors that relate to patient conditions.
6. Utilize ethical and legal practices when conducting research.

Interpersonal and Communication Skills

1. Apply foundational communication strategies to effectively convey complex scientific and clinical concepts in peer collaborations, presentations, and academic discussions, including but not limited to case-based discussions, and team-based learning activities
2. Use effective communication in all activities, including classroom sessions, peer interactions, and health care activities.
3. Develop interpersonal communication skills that apply to conflict management, skills in negotiation, and leadership in team-based academic settings.

Professionalism

1. Demonstrate behaviors of respect, compassion, probity, honesty, and trustworthiness.

2. Commit to using ethical principles during all activities.
3. Express awareness of and proper attention to issues of culture, religion, age, gender, sexual orientation, and mental and physical disabilities.
4. Utilize self-care, including principles of physical and psychosocial wellness.
5. Demonstrate life-long learning skills.
6. Demonstrate accountability to future patients, society, and the profession, including the duty to act in response to the knowledge of the professional behavior of others.
7. Utilize Learning Communities to develop peer, advisor, and mentor relationships, which promote compassion for and understanding of oneself and others.

Practice-Based Learning

1. Apply the scientific method to evaluate biomedical literature for application to patient care.
2. Evaluate the relevance and validity of clinical research.
3. Identify methods to improve population health, predominantly rural and underserved medical populations.
4. Describe the research continuum that translates scientific discoveries into clinical applications.

Systems-Based Practice

1. Compare various healthcare delivery systems, including their effect on patient care, from the perspectives of healthcare team members and patients.
2. Identify the impact of various healthcare delivery systems and services on patient populations, including rural and medically underserved populations.
3. Collaborate effectively in health care teams, identifying best practices to deliver appropriate patient care.
4. Identify social determinants of health and how healthcare systems and practices address

Curriculum

Course Number	Course Title	Credit Hours
<i>Fall Semester</i>		
CBH 5000	Cell Biology and Histology	3
ANPI 5100	Anatomy and Physiology I	3
BHM 5200	Medical Biochemistry	3
ANPII 5101	Anatomy and Physiology II	3
FBRI 5300	Fundamentals of Biomedical Research I	2
ICOMI 5400	Introduction to Clinical and Osteopathic Medicine I	2
	Credit hours per semester I	16

Spring Semester		
GEN 5500	Medical Genetics	3
MIM 5600	Microbiology & Immunology	3
PHM 5700	Pharmacology	3
PATH 5800	Pathophysiology	3
FBR II 5301	Fundamentals of Biomedical Research II	2
ICOM II 5401	Introduction to Clinical and Osteopathic Medicine II	2
	Credit hours per semester II	16
	Total	32

Course Descriptions

CBH 5000 – Cell Biology and Histology

Prerequisite: None

This course presents an integrated approach to understanding the structure and function of human cells and tissues, emphasizing their relationship to health and disease. Students will study cellular components, organelles, membranes, and major cellular processes such as proliferation, differentiation, and apoptosis. The histology component covers the microscopic anatomy of tissues and organs using virtual microscopy and includes clinical correlations to reinforce structure-function relationships in normal and pathological conditions. This course forms a foundational knowledge base critical for future courses in anatomy and physiology, pathology/pathophysiology, and pharmacology. (3 credits)

ANPI 5100 – Anatomy and Physiology I

Prerequisite: None

This course provides a systems-based approach to gross anatomy and human physiology, focusing on the musculoskeletal, cardiovascular, respiratory, and nervous systems. Instruction includes virtual cadaveric dissection, imaging studies, and case-based discussions to develop a clinically relevant understanding of anatomical structures and their physiological roles. Students will explore homeostatic mechanisms, control systems, and pathological alterations relevant to each body system. Emphasis is placed on applying anatomical and physiological knowledge in a clinical context. (3 credits)

ANPII 5101 – Anatomy and Physiology II

Prerequisite: ANPI 5100

This continuation of Anatomy and Physiology I focuses on the gastrointestinal, endocrine, renal, and reproductive systems. Students will analyze anatomical and physiological features through clinical case studies, imaging modalities, and laboratory activities. The course emphasizes systems

integration, homeostatic mechanisms, and clinical correlations to support comprehensive understanding of organ function and dysfunction. (3 credits)

BHM 5200 – Medical Biochemistry

Prerequisite: CBH 5000

Medical Biochemistry explores the molecular foundations of health and disease, emphasizing biochemical pathways, enzymatic regulation, metabolism, and the integration of macronutrient metabolism in human physiology. The course also covers the biochemical basis of genetic disorders, diagnostic biomarkers, and the molecular mechanisms of drug action. Case-based examples highlight the application of biochemical concepts to clinical practice, especially in understanding pathophysiological processes. This course provides a biochemical framework essential for advanced medical education. (3 credits)

FBRI 5300 – Fundamentals of Biomedical Research I

Prerequisite: None

This course introduces biomedical research principles, including scientific methodology, research design, hypothesis development, and critical analysis of literature. Students learn to interpret experimental data, understand statistical applications, and evaluate the validity of scientific conclusions. Emphasis is placed on research ethics, scientific writing, and critical appraisal of biomedical literature as preparation for evidence-based medical practice. (2 credits)

FBRII 5301 – Fundamentals of Biomedical Research II

Prerequisite: FBRI 5300

Building on Biomedical Research I, this course deepens understanding of advanced research methodologies, including translational and clinical research designs. Students will explore data analysis techniques, scientific presentation, and peer review processes. The course fosters skills in research literacy, scholarly writing, and the integration of evidence into clinical decision-making. (2 credits)

ICOMI 5400 – Introduction to Clinical and Osteopathic Medicine I

Prerequisite: ANPI 5100

This course introduces foundational concepts in clinical reasoning and osteopathic philosophy. Students will develop core skills in patient-centered communication, medical history taking, physical examination techniques, and documentation. Emphasis is placed on integrating the tenets of osteopathic medicine into early clinical experiences. (2 credits)

ICOMII 5401 – Introduction to Clinical and Osteopathic Medicine II

Prerequisite: ICOMI 5400, ANPI 5100, ANPII 5101

Continuing from ICOMI 5400, this course advances clinical skill development with a focus on diagnostic reasoning, interprofessional communication, and physical exam proficiency. Students refine osteopathic examination techniques and begin applying osteopathic principles to clinical scenarios.

Small-group learning and patient simulations enhance integration of biomedical and clinical knowledge. (2 credits)

GEN 5500 – Medical Genetics

Prerequisite: CBH 5000

This course provides foundational knowledge in human genetics with clinical application to health and disease. Topics include patterns of inheritance, molecular genetics, chromosomal abnormalities, population genetics, and genetic testing technologies. Students will examine case studies on genetic diseases, genetic counseling, and the ethical considerations of genetic testing. Emphasis is placed on interpreting genetic information and integrating it into patient care in a precision medicine context. (3 credits)

MIM 5600 – Microbiology & Immunology

Prerequisite: CBH 5000

This integrated course introduces principles of medical microbiology and immunology, focusing on host-pathogen interactions and immune mechanisms of defense. Students will study bacterial, viral, fungal, and parasitic pathogens along with the innate and adaptive immune responses. Clinical cases illustrate mechanisms of infection, immune evasion, vaccine development, hypersensitivities, and immunodeficiencies. Laboratory exercises and discussions prepare students to analyze microbiological and immunological data relevant to diagnosis and treatment. (3 credits)

PHM 5700 – Pharmacology

Prerequisite: ANPI 5100, ANPII 5101, BHM 5200, CBH 5000

This course introduces the principles of pharmacokinetics and pharmacodynamics with emphasis on clinically relevant drug classes. Topics include mechanisms of action, therapeutic uses, side effects, and interactions. Students will integrate knowledge of anatomy and physiology, biochemistry, and pathophysiology to understand the rational use of pharmacologic agents in medical treatment. (3 credits)

PATH 5800 – Pathophysiology

Prerequisite: CBH 5000, ANPI 5100, ANPII 5101

Pathophysiology provides an integrated study of disease mechanisms, including cellular injury, inflammation, neoplasia, and systemic disorders. Students will explore clinical presentations, diagnostic findings, and underlying pathophysiology across major organ systems. Emphasis is placed on understanding how disruptions in normal pathology and physiology lead to clinical disease and the implications for treatment. (3 credits)

Doctor of Osteopathic Medicine Program Description

The Orlando College of Osteopathic Medicine prepares students to become qualified osteopathic physicians, prepared for entry into the practice of medicine within postgraduate training programs. The program spans four academic years; the first two years in a pre-clinical phase and the last two years in a clinical phase. Students are assessed throughout the curriculum on their learning progress of the core competencies that are integrated into the programmatic learning objectives, students are required to demonstrate reasonable competence in the milestones as well as the Entrustable Professional Activities assessment at the completion of the program, which, upon successful completion will signify that the graduate demonstrates readiness for caring for patients in a postgraduate training program under adequate supervision.

Osteopathic Oath

I do hereby affirm my loyalty to the profession I am about to enter. I will be mindful always of my great responsibility to preserve the health and the life of my patients, to retain their confidence and respect both as a physician and a friend who will guard their secrets with scrupulous honor and fidelity, to perform faithfully my professional duties, to employ only those recognized methods of treatment consistent with good judgment and with my skill and ability, keeping in mind always nature's laws and the body's inherent capacity for recovery.

I will be ever vigilant in aiding in the general welfare of the community, sustaining its laws and institutions, not engaging in those practices which will, in any way, bring shame or discredit upon my profession or myself. I will give no drugs for deadly purposes to any person, though it be asked of me.

I will endeavor to work in accord with my colleagues in a spirit of progressive cooperation and never, by word or by act, cast imputations upon them or their rightful practices.

I will look with respect and esteem upon all those who have taught me my art. To my college, I will be loyal and strive always for its best interests and for the interests of the students who will come after me. I will be ever alert to further the application of basic biologic truths to the healing arts and to develop the principles of osteopathy, which were first enunciated by Andrew Taylor Still.

OCOM Licensure Information - Postgraduate Training

Completion of the Doctor of Osteopathic Medicine program leading to the degree of Doctor of Osteopathic Medicine (DO) depends on student performance and success. The requirements for licensure in the profession are established by the state where licensure is sought. Completion of the

educational program and obtaining a degree does not by itself guarantee licensure. Students are expected to remain current with other licensing requirements, including but not limited to the national COMLEX-USA licensure examination series and technical standards they may be required to meet in order to be licensed by the state in which they seek to practice.

Doctor of Osteopathic Admissions

OCOM Admissions Process

OCOM's Admissions policy D006 can be found by visiting <https://ocom.org/policies>

Technical Standards for Admission to OCOM

See OCOM Technical Standards Policy D004. This policy can be found at <ocom.org/policies>.

Non-Discrimination Admission Policy

It is the firm policy of OCOM not to discriminate based on race, ethnicity, color, sex, sexual orientation, gender, gender identity, national origin, age or disabilities, religion, or any other characteristic protected by law, except where appropriate and authorized by law.

Americans with Disabilities Act

OCOM complies with Section 504 of the Rehabilitation Act of 1973, Title II Americans with Disabilities Act of 1990 (ADA), and the ADA Amendments Act of 2008 (ADAAA) to ensure its facilities, programs, and student policies are accessible to individuals with disabilities. Applicants and students with specific needs who request or plan to request an accommodation under the ADA should contact the Office of Student Services. The OCOM Student Disability Accommodations and Access Policy D055 can be found at <ocom.org/policies>.

Matriculation and Enrollment Policies

The Matriculation and Enrollment Policy including the [Health and Vaccination requirements](#) can be found at <ocom.org/policies>.

Health Insurance

The OCOM Health Insurance policy can be found at <ocom.org/policies>.

DO Tuition, Fees, and Refunds

Tuition, Fees, and Costs for Doctor of Osteopathic Medicine Program (AY 2026-2027):

- Tuition Per Year: \$57,500.00*

- Estimated Total Program Tuition: \$230,000*
- Estimated Cost of Books and Supplies: \$1000/year
- Estimated Annual Fees: \$5,000
- Other Expected Costs (not including the cost of living): None

*The University reserves the right to increase tuition by up to five (5) percent annually each academic year from the initial tuition

Terms of Payment

Tuition and fees, as indicated above, can be found at the website ocom.org. Tuition and fee payments are due in full per term on the first day of orientation for admitted students and the first day of classes for current students. Payment may be made by check or bank transfer by the student or on behalf of the student.

Refund Policy

The student is entitled to a refund of all monies paid if the student withdraws their admissions acceptance within seven (7) calendar days of signing the Enrollment Agreement. A student may withdraw from the program prior to taking any classes or within seven (7) days of enrollment. The student will be refunded all tuition paid within thirty (30) days after proper withdrawal. Withdrawal must be made in person, via electronic mail, or via certified mail to the Office of the Registrar. The Office of the Registrar will notify the Associate Dean for Student Services.

The Cancellation and Refund policy will be applied if a student is terminated. Students may be terminated from the program by OCOM for just cause, as described in the Student Catalog. Refunds, in this case, will be the same as for student withdrawals.

Any textbooks, equipment, and supplies purchased by the student are the sole property of the student and are not subject to refund by OCOM.

Drop/Add Period

Should a student enrollment be terminated or canceled for any reason, all refunds will be made according to the following refund schedule:

- Cancellation can be made in person, by electronic mail, or by Certified Mail.
- All acceptance fees will be refunded if the school does not accept the applicant or if the student cancels within seven (7) calendar days after signing the enrollment agreement and making the initial payment.

- Cancellation after seven (7) calendar days, but before the first class, results in a refund of all monies paid.
- If the student withdraws before the end of the Drop/Add period (1st week of each semester), the student will be refunded all tuition and fees. Refunds of tuition will not be issued if a student withdraws after the Drop/Add period of Week 1 of each semester.
- Termination Date: In calculating the refund due to a student, the last date of actual attendance by the student is used in the calculation unless an earlier written notice is received.
- Refunds will be issued within 30 days of termination of students' enrollment or receipt of a Cancellation Notice from the student.

Statement on Financial Aid

OCOM is a private for-profit school and as such is not currently eligible for Title IV federal funding. OCOM students are encouraged to work with the Office of Financial Aid for any questions regarding financial assistance and loan services.

Doctor of Osteopathic Medicine Curriculum

Academic Schedule

Official semester schedules are published on OCOM website and can be found using the following link.
[Academic Calendar](#)

Holidays

OCOM Observed holidays can be found in the [OCOM Attendance Policy D083](#)

Student Academic Calendars

An example of the weekly OMS-I and OMS-II schedule, which is subject to change, is available at ocom.org/curriculum.

OCOM Programmatic Level Educational Objectives

The OCOM Programmatic Level Educational Objectives are based upon the seven American Osteopathic Association (AOA) Osteopathic Core Competencies and the OCOM Strategic Plan. Details of OCOM Programmatic Level Educational Objectives can be found on [OCOM website](#).

Curriculum Requirements

Below are the curriculum requirements by semester—for year 1 and year 2 (OMS-I and OMS-II, with fall and spring semesters) and year 3 (OMS-III) and year 4 (OMS-IV) (year-long)—along with the associated credits for each unit of instruction.

OMS-I Fall Courses:

Course Code	Course Name	Credit Hours
FOUN 1000	Foundations of Medical School Sciences	5
INFD 1430	Infectious Disease	4
HEME 1440	Hematology/Oncology	2
DERM 1450	Dermatology	1.5
OPP 1100	Osteopathic Principles & Practice I	3
CSKI 1210	Clinical Skills I	2
MHUM 1220	Medical Humanities I	0.5

CSIM 1230	Clinical Simulations I	0.5
RSCF 1240	Research Fundamentals I	1
LEAR 1300	Learning Consolidation I	3
Semester Total		22.5

OMS-I Spring Courses:

Course Code	Course Name	Credit Hours
CARD 1920	Cardiology	2.5
PULM 1930	Pulmonology	2.5
ENDO 1940	Endocrinology	2
EENT 1950	Otolaryngology, Ophthalmology, & Surgical Specialties	1
ORTH 1960	Orthopedics & Rheumatology	3
OPP 1600	Osteopathic Principles & Practice II	3
CSKI 1710	Clinical Skills II	2
MHUM 1720	Medical Humanities II	1
CSIM 1730	Clinical Simulations II	0.5
RSCF 1740	Research Fundamentals II	1
LEAR 1800	Learning Consolidation II	4
Semester Total		22.5
Year 1 Total		45

OMS-II Fall Courses:

Course Code	Course Name	Credit Hours
NEUR 2430	Neurology	3.5
PSYC 2450	Psychiatry & Behavioral Health	3
NEPH 2460	Nephrology/Urology/Men's Health	3.5
GAST 2470	Gastroenterology	3

GERI 2480	Geriatrics	1
OPP 2100	Osteopathic Principles & Practice III	3
CSKI 2210	Clinical Skills III	2
MHUM 2220	Medical Humanities III	1
CSIM 2230	Clinical Simulations III	0.5
RSCF 2240	Research Fundamentals III	1
LEAR 2300	Learning Consolidation III	2.5
Semester Total		24

OMS-II Spring Courses:

Course Code	Course Name	Credit Hours
WOME 2820	Obstetrics & Gynecology	3.5
EMER 2930	Emergency Medicine	2.5
CRIT 2940	Critical Care & Hospital Medicine	1.5
PEDS 2950	Pediatrics	2.5
OPP 2600	Osteopathic Principles & Practice IV	2
CSKI 2710	Clinical Skills IV	2
MHUM 2720	Medical Humanities IV	1
CSIM 2730	Clinical Simulations IV	0.5
RSCF 2740	Research Fundamentals IV	1
LEAR 2800	Learning Consolidation IV	2
Semester Total		18.5
Year 2 Total		42.5

OMS-III Courses (*may be assigned at any time in Year 3):

Course Code	Course Name	Credit Hours
MILE 3000	Milestone I	2.5

ELEC 3990	Elective I*	4
FMPC 3200	Family Medicine/Primary Care Rotation*	4
IMHO 3300	Internal Medicine/Hospitalist Rotation*	4
IMSS 3400	Internal Medicine/Subspecialty Rotation*	4
GENS 3500	General Surgery Rotation*	4
SXSS 3600	Surgical Subspecialty Rotation*	4
OBGY 3700	Obstetrics and Gynecology Rotation*	4
PSYC 3950	Psychiatry Rotation*	4
PEDI 3650	Pediatrics Rotation*	4
OPP 3800	Osteopathic Principles & Practice V	1.5
LEAR 3900	Learning Consolidation V (2 months-end of Yr 3)	3.5
RESI 3960	Residency Planning and Preparation I	1.5
RECH 3999	Research	1.5
Year 3 Total		46.5

OMS-IV Courses (*may be assigned at any time in Year 4):

Course Code	Course Name	Credit Hours
EMME 4150	Emergency Medicine Rotation*	4
ELEC 4100	Elective II*	4
ELEC 4200	Elective III*	4
ELEC 4300	Elective IV*	4
ELEC 4400	Elective V*	4
ELEC 4500	Elective VI*	4
ELEC 4600	Elective VII*	4
OPP 4700	Osteopathic Principles & Practice VI	1.5
LEAR 4800	Learning Consolidation VI (2 months-end of Yr 4)	3.5
RESI 4950	Residency Planning and Preparation II	1.5

MILE 4999	Milestone II/Entrustable Professional Activities	2.5
Year 4 Total		37

Total Credits, Doctor of Osteopathic Medicine Program:	171 credit hours
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Doctor of Osteopathic Medicine Course Descriptions Years 1 & 2

OMS-I Fall Courses

FOUN 1000 - Foundations of Medical School Sciences (5.0 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

This course provides the foundation for medical students to learn human anatomy using virtual technology, use evidence-based techniques for literature searches and review, integrate biomedical sciences into clinical applications, and other selected aspects of which will form the foundation of medical school learning. Topics include the following five "themes" which are integrated throughout the course: (1) Anatomy, Radiology, and Embryology Thread; (2) Immunology Thread; (3) Physiology, Histology, and Pathology/Pathophysiology Thread; (4) Pharmacology Thread; and (5) Biochemistry, Immunology and Genetics Thread. This course is a clinically-relevant approach to biomedical science and concepts which students will need foundationally to succeed in the subsequent systems-based courses.

OPP 1100 - Osteopathic Principles & Practice I (3.0 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

This course is the first in a series that will introduce the history of osteopathic medicine, the foundational concepts of Osteopathic Principles and Practices and develop diagnostic and palpatory skills as the first part of the longitudinal OPP curriculum. Additionally, this course will teach the Osteopathic Structural Examination (OSE) of the thorax, ribs, lumbar spine and innominates combined with the introduction of Osteopathic Manipulative Treatment (OMT) techniques in these areas. The Osteopathic Principles and Practices I course is designed to provide the student with a fundamental understanding of the principles, philosophies, and practices of osteopathic medicine. This builds a foundation of osteopathic knowledge and prepares the student to provide patients with an integrated approach to medical care. It begins the process for continued education and development within the field of osteopathic medicine. The course is composed of both didactic and laboratory/skills components.

CSKI 1210 - Clinical Skills I (2.0 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

This course integrates selected areas of practice-based learning and improvement, systems-based practice, professionalism, interpersonal communication skills, and the scientific method relating to the practice of osteopathic medicine to develop the student into a caring and competent osteopathic physician. It includes the foundational aspects of taking a patient history, performing a physical examination, using clinical reasoning to develop a differential diagnosis and identify a leading diagnosis, documenting the clinical encounter, verbally presenting a patient case and demonstrating excellent communication skills and professionalism.

MHUM 1220 - Medical Humanities I (0.5 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

This course is the first in a series of courses that explores the intersection of medicine, patient care, and illness within the study of medical humanities. We will delve into human experiences in medicine as they relate to professionalism, caring, empathy, doctor-patient communication, ethical decision making, public health, and medical jurisprudence. Learning sessions include interactive laboratories that focus on physician wellness and a space to process clinical reflections, assigned readings, and short informational recordings. In this course, the student will gain a fundamental understanding of the cultural, social, ethical, legal and and personal dimensions of health and disease.

CSIM 1230 - Clinical Simulations I (0.5 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

This course series integrates selected areas of practice-based learning and improvement, systems-based practice, professionalism, interpersonal communication skills, leadership skills, team dynamics, and the scientific method relating to the practice of osteopathic medicine as needed to develop the student into a caring and competent osteopathic physician. It includes the foundational aspects of taking a patient history, performing a physical examination, using clinical reasoning to develop a differential diagnosis and identify a leading diagnosis, documenting the clinical encounter, verbally presenting a patient case, performing basic clinical procedures, and demonstrating excellent communication skills and professionalism.

RSCF 1240 - Research Fundamentals I (1.0 Credit Hr.)

Co-requisite: First-Year Medical Student at OCOM

This course series integrates Research/scholarly activity/evidence-based practice and quality improvement into the OCOM curriculum longitudinally over 4 years. The topics are based on the NBOME's Practice-Based Learning and Improvement in Osteopathic Medical Practice, and integrates biostatistics, research methods, interpreting the medical literature, and quality improvement.

LEAR 1300 - Learning Consolidation I (3.0 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

This course series integrates selected areas of the curriculum covering all seven core competencies of an osteopathic physician. This course uses active retrieval process and assessment to achieve sustainable learning and comprehension of the interleaved curriculum and employs active learning techniques. Ongoing application and spiral-based learning will be used in this course and students will

longitudinally explore the application of core content to clinical cases and practice board examination preparation questions.

INFD 1430 - Infectious Disease (4.0 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

This foundational course provides a comprehensive introduction to basic microbiology, including the most common and clinically-relevant bacterial, viral, fungal, and parasitic infections. Emphasis is placed on recognizing clinical patterns, generating differential diagnoses, diagnostic approaches, and evidenced-based treatment strategies. Key topics include emerging diseases, antimicrobial resistance, and rational antimicrobial use. These concepts are reinforced and expanded upon throughout the preclinical curriculum. This course encompasses material from multiple disciplines including Anatomy, Physiology, Pathology, Biochemistry, Histology, and Pharmacology. Team-based learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content.

HEME 1440 - Hematology/Oncology (2.0 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

This foundational course provides an introduction to hematologic and oncologic principles and practices including anatomy, physiology, and pharmacology. Key topics include the normal and abnormal hematopoietic functions of the bone marrow, the lympho-reticular system, a basic understanding of hematology, the biology of neoplasia, blood disorders, hereditary cancers, genetics, and their management. Emphasis is placed on an understanding of the pathology of various anemias, bleeding disorders, and leukemias, and solid tumors. Ongoing application and spiral-based learning will be used in this course and students will longitudinally develop a comprehensive understanding of hematology and oncology. This course encompasses material from multiple disciplines including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, Genetics, Diagnostic Imaging, Pharmacology, Immuno-biologicals, and Radiation and Surgical Oncology. Team-based learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content.

DERM 1450 - Dermatology (1.5 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

in-depth introduction to the basic structure, integrative physiological functions, and regulation of the integumentary system as well as the basic science concepts underlying disorders of the integumentary system which will be reinforced and expanded upon throughout the curriculum. This course encompasses material from multiple disciplines including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, and Pharmacology. Team-based learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content.

OMS-I Spring Courses

CARD 1920 - Cardiology (2.5 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

This course provides an in-depth introduction to the basic structure, integrative physiological functions, and regulation of the cardiovascular system as well as the basic science concepts underlying disorders of the cardiovascular system which will be reinforced and expanded upon throughout the curriculum. This course encompasses material from multiple disciplines including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, and Pharmacology. Team-based learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content.

PULM 1930- Pulmonology (2.5 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

This foundational course provides a comprehensive introduction to the basic anatomy, physiology, and pathophysiology of the lungs and airway. The course will focus on common respiratory diseases, diagnostic approaches, and evidenced-based treatment strategies. Emphasis will be placed on recognizing clinical patterns and generating differential diagnoses. These concepts will be reinforced and expanded upon throughout the preclinical curriculum. This course encompasses material from multiple disciplines including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, and Pharmacology. Team-based learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content.

ENDO 1940 Endocrinology (2.0 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

This foundational course provides a comprehensive introduction to the endocrine system, including its anatomy and physiology, hormone regulation, and medical and/or surgical management. Key topics include the function of major endocrine glands, hormone signaling pathways, and their impact on various body processes. Emphasis is placed on understanding the role of hormones in maintaining homeostasis and their relevance in health and disease. Ongoing application and spiral-based learning will be used in this course and students will longitudinally develop a comprehensive understanding of the endocrine system. This course encompasses material from multiple disciplines including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, and Pharmacology. Team-based learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content.

EENT 1950 - Otolaryngology, Ophthalmology, & Surgical Specialties (1.0 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

This course provides an in-depth introduction to the basic structure, integrative physiological functions, regulation and management of surgical systems with a focus on otolaryngology, ophthalmology and general surgical principles, including anesthesiology. Basic science concepts underlying disorders of otolaryngology, ophthalmology and general surgery will be reinforced and expanded upon throughout the course. This course encompasses material from multiple disciplines including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, and Pharmacology.

Team-based learning, study assignments, immersive learning sessions, simulated patient scenarios and clinically integrated sessions will deliver the course content. The course will also contain a survey of the surgical specialties.

ORTH 1960 - Orthopedics & Rheumatology (3.0 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

This is a multidisciplinary course that incorporates foundational aspects of embryology, histology, cell-molecular biology, clinical anatomy, biochemistry, and physiology related to the orthopedic and rheumatology system. This course introduces a comprehensive understanding of the structure, properties, and functions of the musculoskeletal system, as well as the processes that may lead to injury and influence recovery of the musculoskeletal system. In addition, there will be clinical correlation incorporating the history and physical examination of common orthopedic and rheumatological conditions. The course will use holographic anatomy, histological images, X-rays, and CT-scan images to introduce major anatomic structures, and their relations with other components of the musculoskeletal system, as well as basic pathology and physiology. Case-based learning, self-directed learning assignments, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content.

OPP 1600 - Osteopathic Principles & Practice II (3.0 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

Prerequisite: Successful completion of OPP 1100

This course series will advance the foundational concepts of osteopathic medicine and further development of diagnosis and palpatory skills as part of the longitudinal OPP curriculum. Additionally, this course will teach the Osteopathic Structural Examination (OSE) of the cervical spine, extremities and sacrum combined with the execution of Osteopathic Manipulative Treatment (OMT) technique to those areas. The Osteopathic Principles and Practices II course is designed to build upon the fundamental understanding of the principles, philosophies, and practices of osteopathic medicine developed in OPP 1100. Expansion of more advanced osteopathic knowledge further prepares the student to provide patients with an integrated approach to medical care, while advancing the established foundation for continued education and development within the field of osteopathic medicine. The course is composed of both didactic and laboratory components.

CSKI 1710 - Clinical Skills II (2.0 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

Prerequisite: Successful completion of CSKI 1210

This course is the second in a series that integrates selected areas of practice-based learning and improvement, systems-based practice, professionalism, interpersonal communication skills, and the scientific method relating to the practice of osteopathic medicine to develop the student into a caring and competent osteopathic physician. It includes the foundational aspects of taking a patient history, performing a physical examination, using clinical reasoning to develop a differential diagnosis and identify a leading diagnosis, documenting the clinical encounter, verbally presenting a patient case and demonstrating excellent communication skills and professionalism.

MHUM 1720 - Medical Humanities II (1.0 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

Prerequisite: Successful completion of MHUM 1220

This course is the second course in a series that explores the intersection of medicine, patient care, and illness within the study of medical humanities. We will delve into human experiences in medicine as they relate to professionalism, caring, empathy, doctor-patient communication, ethical decision making, public health, and medical jurisprudence. Learning sessions include interactive laboratories that focus on physician wellness and a space to process clinical reflections, assigned readings, and short informational recordings. In this course, the student will gain a fundamental understanding of the cultural, social, ethical, legal and and personal dimensions of health and disease.

CSIM 1730 - Clinical Simulations II (0.5 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

Prerequisite: Successful completion of CSIM 1230

This course series integrates selected areas of practice-based learning and improvement, systems-based practice, professionalism, interpersonal communication skills, and the scientific method relating to the practice of osteopathic medicine as needed to develop the student into a caring and competent osteopathic physician. It includes all elements of CSIM I and successful completion of OMS I in order to be successful in CSIM II and subsequently OMS II.

RSCF 1740 - Research Fundamentals II (1.0 Credit Hr.)

Co-requisite: First-Year Medical Student at OCOM

Prerequisite: Successful completion of RSCF 1240

This course builds on what was learned in RSCF 1240 and integrates research, scholarly activity, evidence-based practice, and quality improvement into the OCOM curriculum longitudinally over four years. The topics are based on the NBOME's Practice-Based Learning and Improvement in Osteopathic Medical Practice, and integrates biostatistics, research methods, interpreting the medical literature, and quality improvement.

LEAR 1800 - Learning Consolidation II (4.0 Credit Hrs.)

Co-requisite: First-Year Medical Student at OCOM

Prerequisite: Successful completion of LEAR 1300

This course series integrates selected areas of the curriculum covering all seven core competencies of an osteopathic physician. This course uses active retrieval process and assessment to achieve sustainable learning and comprehension of the interleaved curriculum and employs active learning techniques.

OMS-II Fall Courses

OPP 2100 - Osteopathic Principles & Practice III (3.0 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

Prerequisite: Successful completion of OPP 1600

This course series will introduce the foundational concepts of osteopathic medicine and develop diagnosis and palpatory skills as part of a longitudinal OPP curriculum. Additionally, these courses will teach the Osteopathic Structural Examination (OSE) of different body regions combined with the introduction of Osteopathic Manipulative Treatment (OMT) technique modalities. The Osteopathic Principles and Practices III course is designed to provide the student with a cumulative, fundamental understanding of the principles, philosophies, and practices of osteopathic medicine. Utilizes foundational concepts to enable students to comprehend advanced topics including the neuro-endocrine-immune axis, osteopathic reflexes, osteopathy in the cranial field, biodynamics, visceral techniques and osteopathic considerations in visceral disease (e.g., cardiology, pulmonary, nephrology, gastroenterology and HEENT). The course is composed of both didactic and laboratory components.

CSKI 2210 - Clinical Skills III (2.0 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

Prerequisite: Successful completion of 1710

This course is the third in a series that integrates selected areas of practice-based learning and improvement, systems-based practice, professionalism, interpersonal communication skills, and the scientific method relating to the practice of osteopathic medicine to develop the student into a caring and competent osteopathic physician. It includes the foundational aspects of taking a patient history, performing a physical examination, using clinical reasoning to develop a differential diagnosis and identify a leading diagnosis, documenting the clinical encounter, verbally presenting a patient case and demonstrating excellent communication skills and professionalism.

MHUM 2220 - Medical Humanities III (1.0 Credit Hr.)

Co-requisite: Second-Year Medical Student at OCOM

Prerequisite: Successful completion of 1720

This course is the third course in a series that explores the intersection of medicine, patient care, and illness within the study of medical humanities. We will delve into human experiences in medicine as they relate to professionalism, caring, empathy, doctor-patient communication, ethical decision making, public health, and medical jurisprudence. Learning sessions include interactive laboratories that focus on physician wellness and a space to process clinical reflections, assigned readings, and short informational recordings. In this course, the student will gain a fundamental understanding of the cultural, social, ethical, legal and personal dimensions of health and disease.

CSIM 2230 - Clinical Simulations III (0.5 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

Prerequisite: Successful completion of 1730

This course is the third in a series that utilizes medical simulation to provide a safe and controlled environment for developing clinical skills, improving teamwork and communication, and enhancing patient care. Through a variety of clinical scenarios that utilize standardized patient encounters,

high-fidelity mannequins, and ultrasonography students will gain practical experience in managing patient care situations and refine their clinical patient care abilities.

RSCF 2240 - Research Fundamentals III (1.0 Credit Hr.)

Co-requisite: Second-Year Medical Student at OCOM

Prerequisite: Successful completion of 1740

This course builds on what was learned in RSCF 1740 and integrates research/scholarly activity/evidence-based practice and quality improvement into the OCOM curriculum longitudinally over four years. The topics are based on the NBOME's Practice-Based Learning and Improvement in Osteopathic Medical Practice, and integrates biostatistics, research methods, interpreting the medical literature, and quality improvement.

LEAR 2300 - Learning Consolidation III (2.5 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

Prerequisite: Successful completion of LEAR 1800

This course series integrates selected areas of the curriculum covering all seven core competencies of an osteopathic physician. This course uses active retrieval process and assessment to achieve sustainable learning and comprehension of the interleaved curriculum and employs active learning techniques. Ongoing application and spiral-based learning will be used in this course and students will longitudinally explore the application of core content to clinical cases and practice board examination preparation questions.

NEUR 2430 - Neurology (3.5 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

This is a multidisciplinary course that incorporates foundational aspects of embryology, histology, cell-molecular biology, clinical anatomy, biochemistry, and physiology of the nervous system. This course provides osteopathic medical students with a comprehensive understanding of the structure, hierarchical organization, and functions of the nervous system, as well as basic pathologic processes. The course will use holographic anatomy, histological images, MRI, and CT-scan images to introduce major anatomic structures, their relations with other components of the nervous system, as well as basic pathology. All topics are delivered via active learning sessions including team-based learning, designated study assignments, clinically integrated sessions, augmented reality sessions, and simulation-based activities.

PSYC 2450 - Psychiatry & Behavioral Health (3.0 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

This course is arranged into four *Threads*, under which are *Topic Areas*. Students will survey all core areas of psychiatric practice, including the integration of psychiatric care into primary care medicine. Students will be responsible for the following:

(1) *Basic Clinical Skills*, including (a) History-Taking, Examination, and Medical Interviewing, (b) Documentation and Communication, (c) Clinical Reasoning and Differential Diagnosis, and (d) Assessment of Psychiatric Emergencies;

- (2) *Psychopathology and Psychiatric Disorders*, including (a) Neurocognitive Disorders; (b) Substance-Related & Addictive Disorders; (c) Schizophrenia-Spectrum Disorders; (d) Depressive Disorders; (e) Bipolar Disorders; (f) Anxiety Disorders; (g) Obsessive-Compulsive Disorders; (h) Trauma-and Stressor-Related Disorders; (i) Somatic Symptom and Related Disorders; (j) Dissociative Disorders; (k) Feeding and Eating Disorders; (l) Elimination Disorders; (m) Sexual Dysfunctions and Gender Dysphoria; (n) (o) Paraphilic Disorders; (p) Sleep-Wake Disorders; (q) Personality Disorders; and (r) Neurodevelopmental Disorders;
- (3) *Disease Prevention, Therapeutics, and Management*, including (a) Prevention; (b) Pharmacological Therapies; (c) Brain Stimulation Therapies; (d) Psychotherapies; (e) Multidisciplinary Treatment Planning and Collaborative Management; and (f) Complementary and Alternative Treatments Related to Psychiatry;
- (4) *Professionalism, Ethics, Osteopathic Principles, and the Law*, including (a) Professionalism; (b) Medical Ethics; (c) Medical-Legal Issues in Psychiatry; (d) Osteopathic Principles Related to Psychiatry; and (e) Cultural Competence and Mental Health Disparities.

NEPH 2460 - Nephrology/Urology/Men's Health (3.5 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

This course will explore the anatomy, biochemistry, nutrition, pathology and physiology of the renal system and its role in urine formation and maintaining homeostasis (e.g., acid/base balance, electrolyte balance, hormonal regulation, and volume regulation). Clinical scenarios commonly encountered in the fields of nephrology, urology, and Men's Health will be emphasized. Topics in this course are delivered via active learning sessions including Team-Based Learning, Designated Study Assignments, Immersive learning sessions, Clinically Integrated Sessions, and simulated patient scenarios.

GAST 2470 - Gastroenterology (3.0 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

This course provides the underlying concepts of the role of the gastrointestinal system in normal bodily functions. As such, it will provide the learner with clinically-relevant foundational knowledge in areas that include, but are not limited to anatomy, physiology, biochemistry, immunology, and nutrition. Anatomical concepts will be presented, and topics are delivered via active learning sessions including Team-Based Learning, Designated Study Assignments, Immersive learning sessions, Clinically Integrated Sessions, simulation-based activities, and the use of standardized patients.

GERI 2480 - Geriatrics (1.0 Credit Hr.)

Co-requisite: Second-Year Medical Student at OCOM

This course provides an in-depth introduction to the basic structure, integrative physiological functions, and regulation pertaining to geriatrics as well as the basic science concepts underlying disorders pertaining to geriatrics which will be reinforced and expanded upon throughout the curriculum. This course encompasses material from multiple disciplines including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, and Pharmacology. Team-based learning,

study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content.

OMS-II Spring Courses

WOME 2820 - Obstetrics & Gynecology (3.5 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

This course provides an in-depth introduction to the basic structure, integrative physiological functions, and regulation of the female reproductive system as well as the basic science concepts underlying the disorders of the reproductive system which will be reinforced and expanded upon throughout the curriculum. This course encompasses material from multiple disciplines including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, and Pharmacology, and will span both obstetrics and gynecology. The course will also discuss procedural and surgical treatments pertaining to the medical disorders affecting women. Team-based learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content.

OPP 2600 - Osteopathic Principles & Practice IV (2.0 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

Prerequisite: Successful completion of OPP 2100

This course series will introduce the foundational concepts of osteopathic medicine and develop diagnosis and palpatory skills as part of a longitudinal OPP curriculum. Additionally, these courses will teach the Osteopathic Structural Examination (OSE) of different body regions combined with the introduction of Osteopathic Manipulative Treatment (OMT) technique modalities. The Osteopathic Principles and Practices IV course is designed to provide the student with a cumulative, fundamental understanding of the principles, philosophies, and practice of osteopathic medicine. This builds a foundation of osteopathic knowledge and prepares the student to provide patients with an integrated approach to medical care. Utilizes foundational concepts to enable students to exercise the clinical application of osteopathic principles and practices and osteopathic manual medicine to obstetrics and gynecology, headaches, truncal pain syndromes, abnormalities of spinal curves, the hospitalized patient and special populations (pediatrics/geriatrics). The course is composed of both didactic and laboratory components.

CSKI 2710 - Clinical Skills IV (2.0 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

Prerequisite: Successful completion of CSKI 2210

This course is the fourth in a series that integrates selected areas of practice-based learning and improvement, systems-based practice, professionalism, interpersonal communication skills, and the scientific method relating to the practice of osteopathic medicine to develop the student into a caring and competent osteopathic physician. It includes the foundational aspects of taking a patient history, performing a physical examination, using clinical reasoning to develop a differential diagnosis and

identify a leading diagnosis, documenting the clinical encounter, verbally presenting a patient case and demonstrating excellent communication skills and professionalism.

MHUM 2720 - Medical Humanities IV (1.0 Credit Hr.)

Co-requisite: Second-Year Medical Student at OCOM

Prerequisite: Successful completion of 2220

This course is the fourth course in a series that explores the intersection of medicine, patient care, and illness within the study of medical humanities. We will delve into human experiences in medicine as they relate to professionalism, caring, empathy, doctor-patient communication, ethical decision making, public health, and medical jurisprudence. Learning sessions include interactive laboratories that focus on physician wellness and a space to process clinical reflections, assigned readings, and short informational recordings. In this course, the student will gain a fundamental understanding of the cultural, social, ethical, legal and and personal dimensions of health and disease.

CSIM 2730 - Clinical Simulations IV (0.5 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

Prerequisite: Successful completion of 2230

This course is the fourth in a series that utilizes medical simulation to provide a safe and controlled environment for developing clinical skills, improving teamwork and communication, and enhancing patient care. Through a variety of clinical scenarios that utilize standardized patient encounters, high-fidelity mannequins, and ultrasonography students will gain practical experience in managing patient care situations and refine their clinical patient care abilities.

RSCF 2740 - Research Fundamentals IV (1.0 Credit Hr.)

Co-requisite: Second-Year Medical Student at OCOM

Prerequisite: Successful completion of 2240

This course builds on what was learned in RSCF 2240 and integrates research/scholarly activity/evidence-based practice and quality improvement into the OCOM curriculum longitudinally over four years. The topics are based on the NBOME's Practice-Based Learning and Improvement in Osteopathic Medical Practice, and integrates biostatistics, research methods, interpreting the medical literature, and quality improvement.

LEAR 2800 - Learning Consolidation IV (2.0 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

Prerequisite: Successful completion of LEAR 2300

This course series integrates selected areas of the curriculum covering all seven core competencies of an osteopathic physician. This course uses active retrieval process and assessment to achieve sustainable learning and comprehension of the interleaved curriculum and employs active learning techniques. Ongoing application and spiral-based learning will be used in this course and students will longitudinally explore the application of core content to clinical cases and practice board examination preparation questions.

EMER 2930 - Emergency Medicine (2.5 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

This Emergency Medicine course provides a foundational understanding of the principles, skills, and knowledge required to assess, diagnose, and manage medical emergencies. Encompassing material from multiple disciplines including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, and Pharmacology, this course covers in-depth study of common medical and trauma emergencies. Team-based learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content.

CRIT 2940 - Critical Care & Hospital Medicine (1.5 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

The Critical Care and Hospital Medicine course serves as a foundational introduction to the structure/function relationships, pathophysiology, and clinical presentations which are essential for diagnosing and managing critically ill patients, while also emphasizing the basic science concepts that underlie critical care disorders. Drawing from various disciplines including Anatomy, Physiology, Pathology, Biochemistry, and Pharmacology, this course provides students with an integrated perspective of the field of critical care. Through methods such as team-based learning, study assignments, simulated patient scenarios, and immersive review sessions, students gain diverse learning experiences that deepen their understanding and expertise needed to care for patients in the hospital or ICU setting. Concepts covered will be reinforced and expanded upon throughout the subsequent curriculum.

PEDS 2950 - Pediatrics (2.5 Credit Hrs.)

Co-requisite: Second-Year Medical Student at OCOM

This course provides an in-depth introduction to the basic structure, integrative physiological functions, and regulation pertaining to pediatrics as well as the basic science concepts underlying disorders pertaining to pediatrics, which will be reinforced and expanded upon throughout the curriculum. This course encompasses material from multiple disciplines, including Anatomy, Embryology, Physiology, Pathology, Biochemistry, Histology, and Pharmacology. Team-based learning, study assignments, immersive learning sessions, simulated patient scenarios, and clinically integrated sessions will deliver the course content.

Doctor of Osteopathic Medicine Course Descriptions Years 3 & 4

Clinical Core Rotation Policy

The Clinical Core Rotation Policy outlines the required clinical rotations for the third-year clinical rotation experience at OCOM. The goals, objectives, and outcome measures (assessment methodologies) of clinical rotation rotations are based on the American Osteopathic Association's (AOA) seven core competencies, which are incorporated in the OCOM Programmatic Educational

Objectives. The overall goal of the third year at OCOM is to apply basic science and clinical knowledge gained in Years 1 and 2 to patient care settings in order to develop skills and attitudes within our students to ultimately train the osteopathic physician of the future for readiness in an environment of innovation, interprofessional interaction, and inclusiveness to positively impact healthcare in Florida as well as nationally and internationally.

Required Core Rotations

All students at the OCOM will complete the following 4-week rotations. In third-year, all students will complete a Milestone 1 course after which they will engage in eight (8) required core rotations, and three longitudinal courses; and in fourth-year, they will engage in a required emergency medicine core rotation and then complete six (6) electives, and three longitudinal courses. Students are able to complete additional elective rotations if they so choose provided they have time in their schedules.

Third-year core rotations are designed with the scope of community-based training and exposure to the wide variety of patient experiences outlined in Pre-Accreditation Submission 6.9-B, ensuring that all students develop basic competencies in patient care required by graduate medical education programs and medical licensing boards. All electives will be approved by the Department of Clinical Education before a student is allowed to schedule and attend these experiences.

Students are required to successfully complete each of the rotations and courses in Table 1 to fulfill the requirements for graduation. All core rotations must be taken and completed at OCOM core rotation sites. All physician preceptors will be credentialed by OCOM. All third-year students will complete a Milestone 1 course at the beginning of their third year, to prepare for clerkships. All third-year rotations must be successfully completed to progress to the fourth year. Finally, all students will receive vacation time, and in Year 4, reasonable time to travel to residency interviews, both of which are built into the above structure.

Table 1: OCOM Clinical Education Curriculum	
<u>Year 3</u>	<u>Year 4</u>
<i>Milestone 1 Course</i> (first experience of Yr. 3)	
<i>Clinical rotations</i>	<i>Clinical rotations</i>
Family Medicine/Primary Care	Emergency Medicine

Elective I	Elective II
Internal Medicine/Hospitalist	Elective III
Internal Medicine/Subspecialty*	Elective IV
General Surgery	Elective V
Surgical Subspecialty**	Elective VI
Women's Health	Elective VII
Pediatrics	
Psychiatry	<i>Milestone II/EPA Evaluation Course (last experience of Yr. 4)</i>
<i>Additional Courses</i>	<i>Additional Courses</i>
Osteopathic Principles and Practice V	Osteopathic Principles and Practice VI
Learning Consolidation V	Learning Consolidation VI
Residency Planning and Preparation I	Residency Planning and Preparation II
Research	

*Internal medicine specialties may include, but are not limited to, allergy/immunology, cardiology, critical care medicine, diagnostic imaging (radiology), dermatology, endocrinology, gastroenterology, geriatric medicine, hematology/oncology, infectious disease, ophthalmology, pulmonology, nephrology, neurology, rheumatology, and wound care.

**Surgical specialties may include, but are not limited to, orthopedic, cardiovascular, urological, neurological, plastic, pediatric, plastic/reconstructive, vascular, and otolaryngologic surgeries; and anesthesiology.

OMS-III Courses

MILE 3000 - Milestone I

Prerequisite: Students must have sat for/taken COMLEX-USA Level 1 before starting this course.

Co-requisite: Third-Year Medical Student at OCOM.

This capstone course incorporates practical clinical skills labs, simulation encounters, OPP hands-on practical examinations, competency-based OSCEs and other clinical assessments to ensure that students are ready to begin rotations to practice osteopathic medicine under direct supervision. This course takes what has been learned in Years 1 and 2 and applies it to high-stakes, active, hands-on,

clinical scenarios, assessing knowledge needed in order to practice medicine safely in a supervised setting. Basic Life Support (BLS) certification will be renewed, and Advanced Cardiac Life Support certification will be obtained during the course. (2.5 Credits)

ELEC 3990 - Elective rotation I

Co-requisite: Third-Year Medical Student at OCOM, and achievement of a passing score on COMLEX-USA Level 1

Elective rotations are required. These rotations are designed to provide the student with the opportunity to select a discipline and receive hands-on training through the integration of didactic knowledge and clinical experiences. Students will receive exposure to a diverse community of patients in both ambulatory and inpatient settings. This is the first of at least seven elective rotations a student will complete. Note: transcript will reflect the nature of the rotation; i.e., the word "elective" will be replaced by the discipline, such as *Pediatric Psychiatry rotation*. (4 credits). Part curriculum content is delivered to students via the learning management system website. During the rotation, students will access the learning website to review learning modules and questions on topics appropriate for a third-year rotation. (4.0 Credits)

FMPC 3200 - Family Medicine/Primary Care rotation

Co-requisite: Third-Year Medical Student at OCOM

Prerequisite: Successful completion of MILE 3000 and achievement of a passing score on COMLEX-USA Level 1

The clinical rotation in family medicine/primary care. This rotation is designed to provide the student with an understanding of Primary Care through the integration of didactic knowledge and clinical experiences. Students will receive exposure to a diverse community of patients in both ambulatory and/or inpatient settings. The curriculum content is delivered to students via the learning management system website. During the rotation, students will access the learning website to review learning modules and questions on topics appropriate for a third-year rotation. (4.0 Credits)

IMHO 3300 - Internal Medicine/Hospitalist rotation

Co-requisite: Third-Year Medical Student at OCOM

Prerequisite: Successful completion of MILE 3000 and achievement of a passing score on COMLEX-USA Level 1

The clinical rotation in Internal Medicine/Hospitalist rotation. This rotation is designed to provide the student with an understanding of Internal Medicine/Hospitalist rotation through the integration of didactic knowledge and clinical experiences. Students will receive exposure to a diverse community of patients in inpatient settings. The curriculum content will be delivered to students via the learning management system website. During the rotation, students will access the learning website to review learning modules and questions on topics appropriate for a third-year rotation. (4.0 Credits)

IMSS 3400 - Internal Medicine/Subspecialty Care rotation

Co-requisite: Third-Year Medical Student at OCOM

Prerequisite: Successful completion of MILE 3000 and achievement of a passing score on COMLEX-USA Level 1

The clinical rotation in Internal Medicine/Subspecialty Care. This rotation is designed to provide the student with an understanding of Internal Medicine/Subspecialty Care through the integration of didactic knowledge and clinical experiences. Students will receive exposure to a diverse community of patients in both ambulatory and/or inpatient settings. The curriculum content is delivered to students via the learning management system website. During the rotation, students will access the learning website to review learning modules and questions on topics appropriate for a third-year rotation. (4.0 Credits)

GENS 3500 - General Surgery rotation

Co-requisite: Third-Year Medical Student at OCOM

Prerequisite: Successful completion of MILE 3000 and achievement of a passing score on COMLEX-USA Level 1

The clinical rotation in General Surgery. This rotation is designed to provide the student with an understanding of General Surgery through the integration of didactic knowledge and clinical experiences. Students will receive exposure to a diverse community of patients in both ambulatory and/or inpatient settings. The curriculum content is delivered to students via the learning management system website. During the rotation, students will access the learning website to review learning modules and questions on topics appropriate for a third-year rotation. (4.0 Credits)

SXSS 3600 - Surgical Subspecialty rotation

Co-requisite: Third-Year Medical Student at OCOM

Prerequisite: Successful completion of MILE 3000 and achievement of a passing score on COMLEX-USA Level 1

The clinical rotation in Surgical Subspecialty. This rotation is designed to provide the student with an understanding of the Surgical Subspecialty through the integration of didactic knowledge and clinical experiences. Students will receive exposure to a diverse community of patients in both ambulatory and/or inpatient settings. The curriculum content is delivered to students via the learning management system website. During the rotation, students will access the learning website to review learning modules and questions on topics appropriate for a third-year rotation. (4.0 Credits)

OBGY 3700 : Obstetrics and Gynecology rotation

Co-requisite: Third-Year Medical Student at OCOM

Prerequisite: Successful completion of MILE 3000, and achievement of a passing score on COMLEX-USA Level 1

The OB/GYN rotation consists of 4 weeks of rotation experiences that will expose the student to the discipline of Obstetrics and Gynecology. During the training, services exposed may include Night Float; Inpatient OB Service; Outpatient OB Service; Ambulatory Clinic Service; and Gynecology Surgery Service. The student will experience both inpatient and outpatient care delivery. Part of curriculum content is delivered to students via the learning management system website. During the rotation,

students will access the learning website to review learning modules and questions on topics appropriate for a third-year rotation. (4.0 Credits)

PSYC 3950: Psychiatry rotation

Co-requisite: Third-Year Medical Student at OCOM

Prerequisite: Successful completion of MILE 3000, and achievement of a passing score on COMLEX-USA Level 1

The goal of the Psychiatry rotation is to prepare medical students to recognize, diagnose, and care for patients with psychiatric disorders encountered in most medical practices. Students will be assigned to work with interdisciplinary teams which will aid the student in meeting course objectives. Students will be assigned patients and will follow in-hospital. Part of curriculum content is delivered to students via the learning management system website. During the rotation, students will access the learning website to review learning modules and questions on topics appropriate for a third-year rotation. (4.0 Credits)

PEDI 3650 Pediatrics Rotation

Co-requisite: Third-Year Medical Student at OCOM

Prerequisite: Successful completion of MILE 3000, and achievement of a passing score on COMLEX-USA Level 1

The clinical rotation in Pediatrics. This rotation is designed to provide the student with an understanding of pediatrics through the integration of didactic knowledge and clinical experiences. Students will receive exposure to a diverse community of patients in both ambulatory and/or inpatient settings. The curriculum content is delivered to students via the learning management system website. During the rotation, students will access the learning website to review learning modules and questions on topics appropriate for a third-year rotation. (4.0 Credits)

OPP 3800 - Osteopathic Principles & Practice V

Co-requisite: Third-Year Medical Student at OCOM

Prerequisite: Successful completion of OPP 2600 and MILE 3000, and achievement of a passing score on COMLEX-USA Level 1

The Osteopathic Principles and Practices V course is designed to provide the student with a longitudinal fundamental understanding of the principles, philosophies, and practice of osteopathic medicine as it is applied to direct patient care scenarios. This allows students to provide patients with an integrated approach to medical care. It lays the foundation for continued education and development within the field of osteopathic medicine. This course will spiral previously learned material into clinically-applicable scenarios and cases to ensure students longitudinally use OPP in the day-to-day care of patients. This course will include hands-on demonstrations and provisions of care relating to the application of osteopathic principles and practices by OCOM OPP department credentialed physicians, including student assessment. (1.5 Credits)

LEAR 3900 - Learning Consolidation V

Co-requisite: Third-Year Medical Student at OCOM

Prerequisite: Successful completion of LEAR 2800 and MILE 3000, and achievement of a passing score on COMLEX-USA Level 1

This course integrates selected areas of the curriculum covering all seven core competencies of an osteopathic physician. This course uses active retrieval process and assessment to achieve sustainable learning and comprehension of the interleaved curriculum and employs active learning techniques. This course will provide students a means to spiral their previously-learned knowledge to clinically-relevant scenarios, preparing them to sit for and successfully pass national board exams. (3.5 Credits)

RESI 3960: Residency Planning and Preparation I

Co-requisite: Third-Year Medical Student at OCOM

Prerequisite: Successful completion of MILE 3000, and achievement of a passing score on COMLEX-USA Level 1

This year-long, longitudinal course will provide students with resources and activities which are geared to assisting the student in planning and preparing for the transition from undergraduate to graduate medical education. This will include completion of *Careers in Medicine*; mock residency interviews, and related activities. (1.5 Credits)

RECH 3999: Research Co-requisite: Third-Year Medical Student at OCOM

Prerequisite: Successful completion of MILE 3000, and achievement of a passing score on COMLEX-USA Level 1

This year-long, longitudinal course provides the opportunity for students to complete a research project in a clinically-applicable area that they choose. Students must work with a mentor or principal investigator (PI) on the research project. The project PI can be a preceptor, physician, or scientist, either in the community or an OCOM faculty member. This course is an experience in research which may involve, but is not limited to, the following: clinical investigation, osteopathic manipulative medicine (OMM), osteopathic principles and practices (OPP), policy studies, disparities in healthcare, health services research and may be laboratory-based, practice-based, or a combination of several of the above. The project must culminate in a tangible outcome, such as a poster presentation, oral communication at a conference, or a publication. Clinically-appropriate research conducted while at OCOM in years 1 and 2 may count towards credit in this course, and that is at the discretion of the course director. (1.5 Credits)

OMS-IV Courses

EMME 4150 - Emergency Medicine rotation

Co-requisite: Fourth-Year Medical Student at OCOM

The clinical rotation in Emergency Medicine is designed to provide the student with an understanding of emergency medicine through the integration of didactic knowledge and clinical experiences. Students will receive exposure to a diverse community of patients in both ambulatory and inpatient settings. The curriculum content will be delivered to students via the learning management system website. During the rotation, students will access the learning website to review learning modules and questions on topics appropriate for a third-year rotation. (4.0 Credits)

ELEC 4100 - Elective Rotation II, ELEC 4200 - Elective Rotation III, ELEC 4300 - Elective Rotation IV, ELEC 4400 - Elective Rotation V, ELEC 4500 - Elective Rotation VI, ELEC 4600 - Elective Rotation VII
Co-requisite: Fourth-Year Medical Student at OCOM

Elective Rotations are required. These rotations are designed to provide the student with the opportunity to select a discipline and receive hands-on training through the integration of didactic knowledge and clinical experiences. Students will receive exposure to a diverse community of patients in both ambulatory and inpatient settings. Note: transcript will reflect the nature of the rotation; i.e., the word "elective" will be replaced by the discipline, such as *Pediatric Psychiatry Rotation*. (4.0 Credits Each)

OPP 4700 - Osteopathic Principles & Practice VI
Co-requisite: Fourth-Year Medical Student at OCOM
Prerequisite: Successful completion of OPP 3800

The Osteopathic Principles and Practices VI course is designed to provide the student with a longitudinal fundamental understanding of the principles, philosophies, and practice of osteopathic medicine as it is applied to direct patient care scenarios. This allows students to provide patients an integrated approach to medical care. It lays the foundation for continued education and development within the field of osteopathic medicine. This course will spiral previously learned material into clinically-applicable scenarios and cases to ensure students longitudinally use OPP in the day-to-day care of patients. This course will include hands-on demonstrations and provisions of care relating to the application of osteopathic principles and practices by OCOM OPP department credentialed physicians, including student assessment. (1.5 Credits)

LEAR 4800 - Learning Consolidation VI
Co-requisite: Fourth-Year Medical Student at OCOM
Prerequisite: Successful completion of LEAR 3900

This course integrates selected areas of the curriculum covering all seven core competencies of an osteopathic physician. This course uses active retrieval process and assessment to achieve sustainable learning and comprehension of the interleaved curriculum and employs active learning techniques. This course will provide students a means to spiral their previously-learned knowledge to clinically-relevant scenarios, preparing them to sit for and successfully pass national board exams. (3.5 Credits)

RESI 4950: Residency Planning and Preparation II
Co-requisite: Fourth-Year Medical Student at OCOM

This course will provide students with resources and activities which are geared to assisting the student in planning and preparing for the transition from undergraduate to graduate medical education. This will include a review of *Careers in Medicine*, mock residency interviews, and related activities. (1.5 Credits)

MILE 4999 - Milestone II/Entrustable Professional Activities

Co-requisite: Fourth-Year Medical Student at OCOM

Prerequisite: Successful completion of all required clinical rotations.

This capstone course incorporates practical clinical skills labs, simulation encounters, OPP hands-on practical examinations, competency-based OSCEs, and other clinical assessments to ensure that students are ready for graduation, where they will practice osteopathic medicine in supervised settings. This course takes what has been learned throughout the student's medical education and applies it to high-stakes, active, hands-on clinical scenarios, assessing knowledge needed in order to practice medicine safely in a supervised setting. This capstone course will incorporate Entrustable Professional Activities into the assessment process, against which students will be assessed in residency. (2.5 Credits)

Clinical Rotation Structure Policy

The Clinical Rotation Structure Policy clarifies the minimum requirements for the structure of clinical rotations. Formal clinical training will be initiated in the third year of education, although early clinical experiences (ECEs) will be available in Years 1 and 2. During the third and fourth years, students will be required to successfully complete their clinical rotations as prescribed by OCOM. Each of these rotations is defined as one clinical rotation. rotations are assigned by the Department of Clinical Education. The OCOM [Clinical Rotation Structure Policy](#) can be found at ocom.org/policies.

Clinical Rotation Structure

Each clinical rotation is four (4) weeks in duration, unless otherwise designated. A clinical rotation shall typically include a *minimum* of 128 hours of clinical training per four-week rotation and will typically include 160-180 hours of clinical training, with some required didactic components. Each clinical rotation will have a defined clinical curriculum, which will outline goals and objectives, recommended reading assignments, and adjunctive educational assignments, all of which will be found in the individual rotation *Syllabus*; each core rotation will have the same clinical curriculum; no matter at which site the student is assigned for their rotation. The OCOM [Clinical Core Rotation Policy](#) can be found at ocom.org/policies.

For additional information on Years 3 and 4, as well as detailed information on the rotations, please refer to the *Clinical Rotation Handbook*.

Assessment Protocol

Each clinical rotation will define the methods of student assessment, which can include but are not limited to preceptor evaluation, clinical logs, completion of educational assignments, and end-of-rotation assessment based on the AOA Core Competencies. While each site and rotation will be unique, all will be governed by core rotation syllabi, which outline the standard clinical curriculum that must be delivered at each site.

The assessment will determine one of the passing standards for the rotation. Each student will be required to take the subject-specific Comprehensive Osteopathic Medical Achievement Test (COMAT) on or near the last day of the designated core rotations and must achieve a passing score on this assessment, which will be defined in the rotation syllabus. Students also must satisfactorily pass the Preceptor's Evaluation of Medical Student Competency. Additionally students must complete all COMBANK mandatory assigned questions for each clinical rotation. Failure to achieve these three elements, or failure to comply with other rotation expectations, such as clinical log completion and OPP-specific patient presentation, will result in a meeting with the Associate Dean for Clinical Education and referral to the Student Progress and Professionalism Committee (SPPC).

Core Rotations Training Sites

Based on the Clinical Core Rotation Adequacy Policy, it is the responsibility of the Office of Clinical Education, led by the Associate Dean for Clinical Education, to ensure that each clinical training site to which OCOM students are sent is adequate for the educational needs of the student. OCOM will credential all clinical faculty/preceptors teaching in Years 3 and 4, and also those running preceptorships or shadowing experiences in Years 1 and 2, ensuring, in part, that all faculty are board-certified or board-eligible, and oversee the completion and maintenance of all Affiliation Agreements, ensuring that they are up-to-date and complete. Ongoing review of clinical sites via site visits, ensuring clinical training site adequacy, and continually revising and updating the assessment and curriculum are also essential functions of the Office of Clinical Education. Information about the Clinical Affiliated sites can be found at ocom.org/clinical-sites

Student Requirements

All students will be required to successfully pass all rotation requirements including, but not limited to, preceptor evaluation, completion of all educational assignments and pass COMAT end of rotation assessments, any required clinical logs, the OPP patient case report and presentation on each core rotation, and a student evaluation of the rotation.

All third-year OCOM students will be required to engage in and pass all core clinical rotations as defined in the Core Clinical Rotation Policy, as well as the *Milestone I* course (which must be passed before the student is allowed to start clinical rotations), and the longitudinal experiences (Osteopathic Principles and Practice V, Learning Consolidation V, Residency Planning and Preparation I, and Research), before they will be eligible for promotion to the fourth year.

All fourth-year OCOM students will be required to engage in and pass all elective rotations course codes ELEC I-VII), the core Emergency Medicine rotation, as well as the longitudinal experiences (Osteopathic Principles and Practice VI, Learning Consolidation VI, and Residency Planning and Preparation II), and the Milestone II/Entrustable Professional Activities course to be eligible for graduation.

Clinical Learning and Patient Care Policy

It is the policy of OCOM to ensure that osteopathic medical students in clinical learning situations involving patient care are under direct supervision by licensed healthcare professionals at all times to ensure safety. OCOM ensures that all supervised activities are within the scope of practice of the supervising healthcare professional. The [Patient Care Supervision Policy](#) can be found at ocom.org/policies.

DO Academic Policies and Procedures

Student Policies and Services

Student [Retention D079 Policy](#) and the Student Services offered to all OCOM students can be found at ocom.org/policies.

Academic Support and Development Policy

Academic advising and academic support services are available to all OCOM students. Academic skills, including time management, learning styles, study skills, utilizing educational resources, and test-taking skills, are all areas of focus toward improved student success.

Career Counseling and Graduate Medical Education Readiness Policy

Career counseling and Graduate Medical Education (GME) readiness counseling and support are available to all OCOM students. Various topics, including specialty options, curriculum vitae (CV) development, Electronic Residency Application Service (ERAS) and ERAS and related Match procedures, available resources, and residency opportunities, will be discussed with the students.

Various resources include assigned Faculty Advisors, Clinical Faculty, rotation Directors, Clinical Department Chairs, Associate Deans, and the OCOM Dean.

Osteopathic Medical students will be advised and counseled on professional opportunities and career development throughout all four (4) years of the curriculum to prepare for residency placement, with most of this counseling occurring in the Residency Planning and Preparation I & II courses in Years 3 and 4.

Academic Freedom

OCOM has a strong commitment to academic freedom, intellectual freedom, freedom of expression, and respect for intellectual property rights and to protect these freedoms and rights for all faculty, staff, and students. The Academic Freedom policy [B006](#) can be found at ocom.org/policies.

DO Assessment

Non-Academic Health Professionals/Recusals from Academic Assessment and Promotion

It is the policy of OCOM that any health professional who is currently or who has previously provided health services to any current student through a physician-patient relationship must recuse themselves from the academic assessment or promotion of the student receiving those services. The [Faculty Recusal Policy D032](#) can be found at [ocom.org/policies](#).

Credit Hours Assignment Policy

The OCOM [Credit Hour Assignment Policy D055](#) can be found at [ocom.org/policies](#), and the OCOM [Academic Credit Analysis](#), found at [ocom.org/curriculum](#), provides a breakdown of each OCOM course and how the course credit for each is calculated. Note that this is subject to change as the curriculum evolves.

Credit Hour Review Procedure

The assignment of credit hours to courses is reviewed and approved by the Curriculum Committee annually as the syllabi and schedule of courses are created and finalized.

Course Code & Numbering System

Details of OCOM's course code and numbering system can be found in the [Credit Hour Assignment D005 Policy](#).

Course Numbering	Year/Semester
1000 - 1499	OMS-I Fall Semester
1500 - 1999	OMS-I Spring Semester
2000 - 2499	OMS-II Fall Semester
2500 - 2999	OMS-II Spring Semester
3000 - 3999	OMS-III Year
4000 - 4999	OMS-IV Year

Grading System

Details of [OCOM Policy D044, OCOM Grading System](#) which can be found at [ocom.org/policies](#).

Summary of Grading System

Grade	Description
Pass (P)	Passing Grade in Course

Fail (F)	Failing Grade in Course
Honors (H)	Exceptional Grade in Course (<i>Yr. 3 and 4 only</i>)
Incomplete (IC)	Incomplete Grade in Course
Withdrawal (W)	Withdrawal from Course
Pass Remediation (P-REM)	Passing Grade in Course with remediation
Fail Remediation (F-REM)	Failing Grade in Course with remediation

OCOM Grading and Remediation Policy

The OCOM Grading System and Remediation Policy can be found in [D044](#) at ocom.org/policies.

Policy & Procedures Regarding Assessment & Academic Affairs

The policy and procedures regarding Assessment and Academic Affairs can be found in [D036](#) at ocom.org/policies.

Policy on Assessment Administration and Analysis

This policy details the way in which OCOM uses written exams within its semester curriculum, particularly in years one and two of the program. The policy [D054](#) can be found at ocom.org/policies.

Evaluation Requirements for Clinical Rotations in Years 3 & 4

The evaluations requirements for clinical rotations in years 3 & 4 can be found in the [D044](#) policy found at ocom.org/policies.

Student Recordkeeping Policy

In alignment with Board Policy B005: Confidentiality of Employment, Student, and Medical Records, it is the policy of OCOM to keep accurate, confidential official student records that include the following: admissions, advisement, academic and career counseling, evaluation, grading, credits, and the training of faculty and staff in the regulations surrounding these records. The OCOM Policy on Student Recordkeeping can be found at ocom.org/policies.

Educational Records

OCOM's FERPA policy can be found at ocom.org/policies.

DO Match-State Medical Education Verification

Once a student participates in the National Resident Matching Program (NRMP), the San Francisco Urology Match, or the Military Match and is placed in a residency training program, several forms must be completed and processed for licensing purposes in the state the student will be undertaking their residency training. State Medical Education Verification forms vary from state to state. Most verifications have specific information requested, and OCOM must provide complete, thorough answers. OCOM will be requested to complete and file additional medical school education verification forms with any residency program or residence moves that may occur.

DO Student Release of Information

All documents and other information concerning student discipline, including written reprimands, are securely maintained in a confidential file. Such actions become a part of the student's permanent education record but are only released at the written discretion of the Dean. However, all disciplinary actions, except Admonitions and Academic and Conduct Warnings, must be reported on the Medical Student Performance Evaluation (MSPE).

DO Student Attendance

OCOM's [Attendance Policy D083](#) can be found at ocom.org/policies

Student Dress Code

Students are required to dress professionally in business casual attire or scrubs for all clinical and pre-clinical learning or school-related activities. Examples of business casual clothing include pencil skirts, slacks, khakis, trousers, blouses, collared shirts, button-down shirts, sports coats, blazers, and sweaters. The individual course syllabi contain specific dress code requirements, such as for OPP/OMM labs, physical examination labs, and clinical assessments (e.g., OSCE, Simulation, standardized patient encounters, etc.). Students are permitted to wear scrubs in the following colors: pewter/dark gray and or black. This color has been selected to maintain a professional appearance, ensure consistency across the campus, and represent OCOM at affiliated sites.

DO Student Academic Standing and Academic Progress

Satisfactory Academic Progress

OCOM operates on a pass/fail grading system for Years 1 and 2 and an honors/pass/fail grading system for Years 3 and 4. The passing percentage is 70% and above. Individual assessment scores will be recorded and available to students through the Learning Management System (LMS), Leo. Class rank will not be published, but quartiles may be included in the Dean's Letter. Students will be required to remediate all courses where the student's grade falls below 70%. Students are required to remediate or complete a curriculum where the student's grade falls in IC (Incomplete) status.

Students who do not successfully complete or remediate these courses are awarded an F or failing grade. All courses have a pass (P) or fail (F) designation in all years and an additional honors (H) designation in Years 3 and 4. All clinical clerkships are graded on an Honors/Pass/Fail basis. The grading system consists of Honors (H), Pass (P), and Fail (F). OCOM employs a standard set of definitions for each grade. Criteria for each grade are OCOM's prerogative; the standard numerical system is not used for Pass/Fail courses.

Maximum Length of Completion

The OCOM policy D024 regarding the Maximum Length of Completion can be found at ocom.org/policies.

Transfer of Credits Policy

The OCOM [Transfer Policy D026](http://ocom.org/policies) can be found at ocom.org/policies.

OCOM COMLEX-USA Policy

The OCOM COMLEX-USA Policy D038 can be found at ocom.org/policies.

Accommodations on COMLEX-USA Exams

DO Student Modified Course of Study and Early Warning System

A Modified Course of Study is a curricular plan which is individualized to a student who has to deviate from the prescribed course of study at OCOM for any of a variety of reasons, be it health/medical-related, academic progress, COMLEX-USA based, maternity/parental, or other circumstances. All modified course-of-study plans must be approved both by the SPPC and the appropriate Associate Dean (Pre-Clinical or Clinical), and a student can be placed on a temporary modified course-of-study plan and subsequently removed from the plan. A student on a modified course of study plan will work with the assigned academic advisor and learning specialist to ensure that the plan is appropriate for the circumstances. Deficiencies in progress must be referred to the SPPC immediately for review and possible adjustment of the modified course of study plan. Refer to [OCOM Policy #D036](http://ocom.org/policies), Policy & Procedures Regarding Assessment & Academic Affairs, Section VII, found at ocom.org/policies.

The Early Warning System at OCOM attempts to identify students who are struggling and implement corrective actions to allow the student to regain academic success. Refer to OCOM Policy #D036, Policy & Procedures Regarding Assessment & Academic Affairs, Section VI, found at ocom.org/policies.

Graduation Requirements for the Doctor of Osteopathic Medicine Degree

In order to be eligible for recommendation to graduate from OCOM, students are required to satisfy all graduation requirements as outlined in [Policy D0XX](#) and this Student Catalog, based on the year of degree conferral. Graduation requirements may be subject to change following a student's matriculation. It is the student's responsibility to stay updated on current policies and procedures at OCOM.

OCOM Student Progress and Professionalism Committee (SPPC)

The Student Progress & Professionalism Committee (SPPC), in conjunction with the Offices of Pre-Clinical and Clinical Education, monitors the academic progress of all OCOM students throughout the academic program. Additionally, the SPPC is responsible for the review of situations where students are involved in academic misconduct (i.e., cheating or plagiarism) or non-professional conduct. The OCOM [Policy D084](#) can be found at ocom.org/policies.

SPPC Procedures for Academic Matters

The SPPC Committee meets at the end of any semester or clinical rotation after the Associate Dean for Pre-Clinical Education or the Associate Dean for Clinical Education have determined all grades: (i) to review students who have achieved a failing course or clinical rotation grade, or failed to successfully remediate a failed course, (ii) when a delay in a student's academic progress is identified, or (iii) when deemed necessary. Procedures surrounding academic matters can be found in policy [D084](#) at ocom.org/policies.

SPPC Procedures for Non-Academic Matters

The SPPC addresses cases related to allegations of misconduct, professionalism, or Honor Code violations. The OCOM Student Honor Code can be found in OCOM Policy [D002](#). Procedures surrounding non-academic matters can be found in policy [D084](#) at ocom.org/policies.

OCOM Student Honor Code

The student Honor Code can be found in policy [D002](#) at ocom.org/policies.

OCOM Grievance Processes

OCOM [Grievance Process D081](#) can be found at ocom.org/policies.

AOA Code of Ethics

The American Osteopathic Association (AOA) Code of Ethics is a document that applies to all physicians who practice osteopathically throughout the continuum of their careers, from enrollment in osteopathic medical college/school through post-graduate training and the practice of osteopathic medicine. It embodies principles that serve as a guide to the

prudent physician. It seeks to transcend the economic, political, and religious biases when dealing with patients, fellow physicians, and society. It is flexible in nature in order to permit the AOA to consider all circumstances, both anticipated and unanticipated. The physician/patient relationship and the professionalism of the physician are the basis for this document.

The AOA has formulated this Code to guide its member physicians in their professional lives. The standards presented are designed to address the osteopathic and allopathic physician's ethical and professional responsibilities to patients, to society, to the AOA, to others involved in health care, and to self.

Further, the AOA has adopted the position that physicians should play a major role in the development and instruction of medical ethics.

Section 1. The physician shall keep in confidence whatever she/he may learn about a patient in the discharge of professional duties. Information shall be divulged by the physician when required by law or when authorized by the patient.

Section 2. The physician shall give a candid account of the patient's condition to the patient or to those responsible for the patient's care.

Section 3. A physician-patient relationship must be founded on mutual trust, cooperation, and respect. The patient, therefore, must have complete freedom to choose her/his physician. The physician must have complete freedom to choose the patients whom she/he will serve. However, the physician should not refuse to accept patients for reasons of discrimination, including, but not limited to, the patient's race, creed, color, sex, national origin, sexual orientation, gender identity, or disability. In emergencies, a physician should make her/his services available. View further interpretation.

Section 4. A physician is never justified in abandoning a patient. The physician shall give due notice to a patient or to those responsible for the patient's care when she/he withdraws from the case so that another physician may be engaged.

Section 5. A physician should make a reasonable effort to partner with patients to promote their health and shall practice in accordance with the body of systematized and scientific knowledge related to the healing arts. A physician shall maintain competence in such systematized and scientific knowledge through study and clinical applications.

Section 6. The osteopathic medical profession has an obligation to society to maintain its high standards and, therefore, to continuously regulate itself. A substantial part of such regulation is due to the efforts and influence of the recognized local, state, and national associations

representing the osteopathic medical profession. A physician should maintain membership in and actively support such associations and abide by their rules and regulations.

Section 7. Under the law, a physician may advertise, but no physician shall advertise or solicit patients directly or indirectly through the use of matters or activities which are false or misleading. View further interpretation.

Section 8. A physician shall not hold forth or indicate possession of any degree recognized as the basis for licensure to practice the healing arts unless she/he is actually licensed on the basis of that degree in the state or other jurisdiction in which she/he practices. A physician shall designate her/his osteopathic or allopathic credentials in all professional uses of her/his name. Indications of specialty practice, membership in professional societies, and related matters shall be governed by rules promulgated by the American Osteopathic Association. View further interpretation.

Section 9. A physician should not hesitate to seek consultation whenever she/he believes it is in the best interest of the patient.

Section 10. In any dispute between or among physicians involving ethical or organizational matters, the matter in controversy should first be referred to the appropriate arbitrating bodies of the profession.

Section 11. In any dispute between or among physicians regarding the diagnosis and treatment of a patient, the attending physician has the responsibility for final decisions consistent with any applicable hospital rules or regulations.

Section 12. Any fee charged by a physician shall compensate the physician for services actually rendered. There shall be no division of professional fees for referrals of patients.

Section 13. A physician shall respect the law. When necessary, a physician shall attempt to help to formulate the law by all proper means in order to improve patient care and public health.

Section 14. In addition to adhering to the foregoing ethical standards, a physician shall recognize a responsibility to participate in community activities and services.

Section 15. It is considered sexual misconduct for a physician to have sexual contact with any patient with whom a physician-patient relationship currently exists.

Section 16. Sexual harassment by a physician is considered unethical. Sexual harassment is defined as a physical or verbal intimation of a sexual nature involving a colleague or subordinate in the workplace or academic setting when such conduct creates an unreasonable, intimidating, hostile, or offensive workplace or academic setting.

Section 17. From time to time, the industry may provide some AOA members with gifts as an inducement to use their products or services. Members who use these products and services as a result of these gifts rather than simply for the betterment of their patients and the improvement of the care rendered in their practices shall be considered to have acted in an unethical manner. View further interpretation.

Section 18. A physician shall not intentionally misrepresent himself/herself or his/her research work in any way.

Section 19. When participating in research, a physician shall follow the current laws, regulations, and standards of the United States or, if the research is conducted outside the United States, the laws, regulations, and standards applicable to research in the nation where the research is conducted. This standard shall apply for physician involvement in research at any level and degree of responsibility, including, but not limited to, research, design, funding, participation either as examining and/or treating provider, supervision of other staff in their research, analysis of data and publication of results in any form for any purpose.

OCOM Student Separation

There are five categories of separation from OCOM. **OCOM's policies in relation to the these categories can be found in OCOM [Leave of Absence Policy D060](#) and the [Student Pregnancy/New Parent Leave of Absence Policy D062](#)**

1. Leave of Absence
2. Withdrawal
3. Suspension
4. Dismissal

OCOM Student Death Policy

The purpose of the Student Death Policy is to provide guidelines to be followed to provide an orderly, effective, and caring response in the event of the death of a student.

OCOM Student Policies and Services

Financial Aid and Debt Management Counseling

The complete debt management counseling program can be found [here](#).

Financial Aid Policies

The OCOM Office of Financial Aid has several policies that impact the student financial aid process. These include

1. [Office of Financial Aid Leave of Absence Student Policy D069](#)
2. [Office of Financial Aid Professional Judgment Policy and Procedure D071](#)
3. [Office of Financial Aid Satisfactory Academic Progress for Financial Aid Eligibility Policy D070](#)
4. [Office of Financial Aid Withdrawal Student Policy D072](#)
5. [Office of Financial Aid Tuition and Fee Billing and Refund Policy D068](#)

OCOM Student Disability Accommodations and Access Policy

The [OCOM Student Disability Accommodations and Access Policy D055](#) can be found at ocom.org/policies.

Questions or comments about this policy should be directed to the Office of Student Services at disabilityservices@ocom.org.

OCOM Mental Health Services

[Policies & Procedures for Seeking Counseling and Mental Health Services D030](#) can be found at ocom.org/policies.

OCOM Physical Health Services

The OCOM [Policies & Procedures for Seeking Diagnostic, Preventive, and Therapeutic Health Services D031](#) can be found at ocom.org/policies.

OCOM Student Organizations

Detailed information regarding student organizations [OCOM Student Organizations Policy D066](#) can be found at ocom.org/policies.

OCOM Committee Representative Requirements

The [OCOM Student Committee Appointments Policy D057](#) can be found at ocom.org/policies.

Student Resources and Directory

Student resources and directory information can be found [here](#).

OCOM Alumni

The inaugural OCOM graduating class will be in 2028. The OCOM Alumni Association will offer opportunities for all OCOM alumni to remain engaged in professional learning as well as stay

connected with fellow graduates and the larger OCOM community throughout their professional careers.

Research and Scholarly Activity

The [Student Research and Scholarly Activity D010](#) policy can be found at ocom.org/policies. The [Budgetary Processes to Support Research and Scholarly Activity for Faculty and Students D013](#) policy can be found at ocom.org/policies.

OCOM Facilities

All OCOM facilities and campus policies can be found in their entirety on the OCOM website at ocom.org/policies.

Campus Safety and Emergency Services

All OCOM Safety and Security-related policies can be found in their entirety on the OCOM website at <https://ocom.org/security>.

Library Information

All students, faculty, and staff are eligible for library privileges. The OCOM Medical Library provides access to information resources including journals, books, databases, and audiovisual tools in both digital and physical formats. These resources are used to support the OCOM curricula, research, and clinical practice. The primary subject areas for collection are medicine, medical education, psychiatry, and any subjects adjacent to osteopathic medicine, and anesthesiology.

Library Personnel

Students will have the opportunity to find material from a variety of sources along with the assistance of our librarian. The librarian is available to help students with their research strategies and offers helpful tips for locating sources needed to complete projects. The librarian offers appointments and provides access to a wide range of resources and services, including instruction and training in such areas as information literacy and evidence-based medicine, in support of the university.

Accessing the Library

A link to the Library can be found on the OCOM homepage, located at ocom.org. The OCOM Medical Library, situated on the second floor of the OCOM building, comprises 3800 square feet of space which includes librarian offices, student study rooms, print/copy workspace, as well as casual and study carrel seating for 82 students. Hours of operation are posted on the Library's website. Electronic resources available for use are also provided on the Library's website.

Remote Access

The OCOM Medical Library's collections are online and available off-campus as well as on-campus. The OCOM Library purchases access to online resources whenever possible to provide 24/7 access from home, clinical sites, and anywhere on or off campus. Usage of these resources will be routinely evaluated to ensure that they meet the needs of the OCOM students, faculty, and staff. To access the Library's collections, go to the Library website and click on the needed resource. When prompted, enter your regular network credentials – your OCOM email (username) and password. Please contact the Librarian if you experience any difficulties in accessing resources so we can help resolve the issue.

Using the Library Homepage

On the OCOM Medical Library's homepage, use the search box to search for books, ebooks, articles, and journals or utilize the provided quick links to Databases A-Z, eBooks, eJournals, Library Guides, Library News & Events, Library Services, and Teaching & Learning Resources.

Library Resources

The OCOM Medical Library will provide access to biomedical and health sciences databases, eBook collections, electronic resources, and electronic journals that cover such topics as alternative and complementary therapies, case files, clinical and randomized controlled trials, diagnostic tools, drug information, evidence-based, point-of-care resources, systematic reviews, and test preparation. Click on Databases A-Z on the OCOM Library homepage to see the full list of current and trial databases to which the Library provides access. A small print collection of core medical books, reference sources, and a limited number of journals and magazines will also be maintained.

OCOM Information Technology Information

Any and all IT-related policies can be found in their entirety on the OCOM website at: ocom.org/policies.

CIE Required Disclosures

- The policy of this institution is to update the official school catalog annually, in January of each year.
- Annual updates may be made by the use of supplements or inserts accompanying the catalog. If changes in educational programs, educational services, procedures, or policies required to be included in the catalog by statute or regulation are implemented before the issuance of the annually updated catalog, those changes shall be reflected at the time they are made in supplements or inserts accompanying the catalog.
- This institution makes its current catalog and current program brochures available to the public at no charge. Individuals who wish to obtain a copy can make arrangements by simply calling the school's office.

- This institution is licensed by the Commission for Independent Education, Florida Department of Education. Additional Information regarding this institution may be obtained by contacting the Commission at 325 West Gaines Street, Suite 1414, Tallahassee, FL 32399-0400, toll-free telephone number (888)224-6684.
- This institution has not had a pending petition in bankruptcy, is not operating as a debtor in possession and has not filed a bankruptcy petition within the preceding five years nor has had a petition in bankruptcy filed against it within the preceding five years that resulted in reorganization under chapter 11 of the United States Bankruptcy Code.
- As a prospective student, you are required to receive and review this catalog prior to signing an enrollment agreement.
- The Institution does not guarantee job placement to graduates upon program completion or upon graduation.
- Any questions or additional information a student may have that have not been satisfactorily answered by the institution may be directed to the Commission for Independent Education at 325 W. Gaines Street, Suite 1414, Tallahassee, FL 32399-0400, (888) 224-6684.
- A student or any member of the public may file a complaint about this institution with the Commission for Independent Education at 325 W. Gaines Street, Suite 1414, Tallahassee, FL 32399-0400, (888) 224-6684 toll-free.
- This institution is not accredited by an accrediting agency recognized by the United States Department of Education. These programs do not lead to licensure in Florida or other states. A degree program that is unaccredited or from an unaccredited institution is not recognized for some employment positions, including but not limited to positions with the State of Florida. A student enrolled in an unaccredited institution is not eligible for federal financial aid.
- Drs. Kiran and Pallavi Patel Global University is a fictitious name of Orlando Health Sciences University, LLC., and has been approved by the state of Florida.
- Please note that Orlando Health Sciences University, LLC D/B/A Orlando College of Osteopathic Medicine (OCOM) is owned by Medical Impact Partners - Florida, LLC (MIP). While this LLC ownership structure makes MIP legally the "Manager" of OCOM, it has, through a signed resolution, given plenary authority to the Board of Trustees of OCOM to be the autonomously appointed and functioning governing body that defines the mission of the University and COM, approves strategic plans for the University and COM, provides financial oversight, and approves requisite policies and procedures for all accredited or applicant seeking accreditation units of the university with plenary authority to direct and administer those units including, but not limited to, OCOM. The signed resolution establishing this authority to the OCOM Board of Trustees is included at the end of the OCOM Bylaws for reference and has been previously reviewed by the COCA Executive Committee.

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Kassandra Mercado

Admission Coordinator

Ishvary Prasad

Admission Recruiter

Mackenzie O'Hara

Assistant Librarian

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Custodian

Joshua Kennedy

Custodian

Mary Rogers

Custodian

Edwin Torres

Executive Assistant to Dean & CAO

Mariln Hernandez

GME/Research Assistant

Ana Lipovetsky

Financial Aid Coordinator

Vacant position

Human Resources Assistant

Bethany Beck

Instructional Technologist

Hao Do

IT Support/Audiovisual Technician

Johnny Lai

Learning Specialist

Colleen Byrd, MS

Learning Specialist

Allison Scott, MS

Librarian

Katresa Gardner, MLIS

Media Engineer/IT Support Specialist

Edwin Gonzalez

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Erika Bellais

Medical Education Coordinator

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OMM Coordinator

Nehemiah Cornelius

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Research Coordinator

Nadiya (Amanda)Persaud

Research Coordinator/Grants Manager

Rohan Nakka

Security Officer

Agapito Guzman

Security Officer

Scot Hoover

Security Officer

Michael McCabe

Security Officer

Lawrence Sprandel

Simulation Operations Technologist & Material Management

Ryan Juman

Simulation Systems Manager & Standardized Patient Educator

Taliya Meyers

Staff Accountant

Walker Debus

Student Affairs Coordinator

Keymara Piquant

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