OST—Osteopathic Medicine

College of Osteopathic Medicine

401  Selected Topics in Osteopathic Medicine
Fall, Spring. 1(1-0) RB: Student with academic interest and career focus toward medicine and the health sciences.

402  Introduction to Global Health
On Demand. 3(3-0)
Introductory topics in global health.

551  Osteopathic Patient Care I
Fall. 2(1-2) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Clinical assessment skills and evidence-based medicine to develop effective critical thinking in the doctor-patient relationship.

552  Osteopathic Patient Care II
Spring. 2(1-2) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Clinical assessment skills and evidence-based medicine to develop effective critical thinking in the care of patients, as it relates to neurology, orthopedics, physiatry, endocrine, female reproduction and genitourinary systems.

553  Osteopathic Patient Care III
Summer. 3(1-4) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Integration of components of the doctor-patient relationship, clinical assessment skills and evidence based medicine to develop effective critical thinking and assessment skills in the care of patients. Correlations to concurrent integumentary and gastrointestinal systems courses. Preparation for future role as physician educator.

554  Osteopathic Patient Care IV
Fall. 3(1-4) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Integration of components of the doctor-patient relationship, clinical assessment skills and evidence based medicine to develop effective critical thinking and assessment skills in the care of patients. Correlations to concurrent psychopathology, hematopoietic, and cardiovascular systems courses.

555  Osteopathic Patient Care V
Spring. 3(1-4) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Integration of components of the doctor-patient relationship, clinical assessment skills and evidence based medicine in the care of patients. Correlation to concurrent respiratory system course. Presentation skills.

556  Pediatrics I
Spring. 1(1-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Normal growth and development of children from birth to 18 years. Conditions of the nervous, musculoskeletal, endocrine and genitourinary systems that affect children.

557  Pediatrics II
Summer. 1(1-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Normal structure, function and pathologies of the integumentary, reproductive, and gastrointestinal systems as they relate to children.

558  Pediatrics III
Fall. 1(1-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Normal structure, function and pathologies of the behavioral, cardiovascular, hematopoietic and respiratory systems as they relate to the pediatric population. Ethical considerations in pediatrics.

566  Care for the Young and the Aging Adult I
Fall. 1(1-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Focus on children birth to 18 years, and the elderly greater than 65. Normal growth, development, and aging.

567  Care for the Young and the Aging Adult II
Spring. 1(1-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Focus on children birth to 18 and elderly greater than 65. Normal structure, function and pathologies focusing on the nervous, endocrine, reproductive and genitourinary systems.

568  Care for the Young and the Aging Adult III
Summer. 1(1-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Focus on children birth to 18 and elderly greater than 65. Normal structure, function and pathologies focusing on the integumentary and gastrointestinal systems.

569  Care for the Young and the Aging Adult IV
Fall. 1(1-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Focus on children birth to 18 and elderly greater than 65. Normal structure, function and pathologies focusing on behavioral, cardiovascular and hematopoietic systems.

570  Care for the Young and the Aging Adult V
Spring. 1(1-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Focus on children birth to 18 and elderly greater than 65. Normal structure, function and pathologies focusing on the respiratory system.

571  Neuromusculoskeletal System
Spring. 10(8-4) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Systems Neuromusculoskeletal Medicine from basic science through clinical neurology, orthopedics, rheumatology, physiatry and ophthalmology. Neuro-anatomy, orthopedic anatomy, integration with clinical neurology, orthopedics, physiatry and ophthalmology.

572  Genitourinary System
Spring. 3(3-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Normal urinary and male reproductive structure and function; principles of diagnosis and management of urinary and male reproductive disorders. Integration of basic science and clinical information related to the urinary and male reproductive systems.

573  Endocrine System
Spring. 3(3-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Multidisciplinary approach to endocrinology. Normal endocrine structure and function; principles of diagnosis and management of endocrine disorders. Integration of basic science and clinical information.

574  Female Reproductive System
Summer. 3(3-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Normal structure and function of related pathologies with the female reproductive system. Integration of basic science and clinical information in obstetrics and gynecology.

575  Gastrointestinal System
Summer. 6(5-2) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Systems biology approach to the entire digestive track, including accessory organs of digestion. Normal structure and function and pathologies. Integration of basic science and clinical information.

576  Integumentary System
Summer. 2(2-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Systems biology approach to the integumentary system, to include the skin and its epidermal derivatives. Normal structure and function and pathologies. Integration of basic science and clinical information.

577  Psychopathology
Fall. 2(2-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Systems biology approach to the behavioral system. Normal structure and function and pathologies of the mind to include integration of basic science and clinical information.

578  Hematopoietic System
Fall. 2(2-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Systems biology approach to the hematopoietic system including normal structure and function, hematopoiesis, clotting and hematopoietic pathologies. Integration of basic science and clinical information.

579  Cardiovascular System
Fall. 9(8-2) R: Open to graduate-professional students in the College of Osteopathic Medicine.
Systems biology approach to the cardiovascular system, including the heart and vasculature throughout the body. Normal structure and function and pathologies. Integration of basic science and clinical information.
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580  Respiratory System
Spring, 7(5-4) R: Open to graduate-professional students in the College of Osteopathic Medicine.

Systems biology approach to the entire respiratory system.

581  Ethics, Professionalism and Law
Spring, 2(2-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.

Introduction to the legal principles and ethical standards relevant to the practice of medicine including a variety of applicable legal theories such as negligence, liability and fraud. Topics of professional responsibility, confidentiality, consent, end-of-life issues, and reproductive rights are also included.

582  Transitions I: Board Preparation
Summer, 6 credits. R: Open to graduate-professional students in the College of Osteopathic Medicine.

Selected topics in preparation for licensure board exams.

583  Geriatrics
Spring, 1(1-0) R: Open to graduate students in the College of Osteopathic Medicine.

Normal aging, structure, function and pathologies of older persons greater than 65.

590  Special Problems
Fall, Spring, Summer, 1 to 24 credits. A student may earn a maximum of 60 credits in all enrollments for this course. R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college.

Individual study directed by a faculty member on an experimental, theoretical, or applied problem.

591  Medical Case Study Journal Review
Fall, Spring, Summer, 1(2-0) A student may earn a maximum of 4 credits in all enrollments for this course. R: Open to graduate-professional students in the College of Osteopathic Medicine.

Analysis and presentation of published clinical case reports in the context of basic science principles and biomedical concepts.

592  Self-Directed Integration of Medical Knowledge
Summer, 6(2-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.

Self-directed review and integration of basic science and systems medical knowledge content and clinical correlations using coaching and workshops.

593  Scholarly Activity Seminar
Fall, Summer, 1(1-0) R: Open to students in the College of Osteopathic Medicine.

Survey of scholarly activity in medicine.

597  Biomedical Research Structure and Methods
Spring, 2(2-0) P: OST 598

Intensive review of biomedical research methods and statistical analyses for mentored clinical research projects.

598  Evidence-Based Health Science
Summer, 1(1-0) R: Open to graduate-professional students in the College of Osteopathic Medicine.

Evidence-based approach to osteopathic basic science and clinical education and application to health science, critical review of literature, and research design.

599  Biomedical Research
Fall, Spring, Summer, 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. R: Open to graduate-professional students in the College of Osteopathic Medicine. Approval of college.

Basic, applied, or translational medical research under the direction of a mentor. Research topic is arranged with the research director or clinician researcher.

601  Transitions II: Classroom to Bedside
Summer, 5 credits. R: Open to graduate-professional students in the College of Osteopathic Medicine.

Selected topics designed to assist the COM student in transitioning from the classroom to the clinical learning environment.

602  Primary Care Ambulatory Clerkship
Fall, Spring, Summer, 1 to 36 credits. A student may earn a maximum of 36 credits in all enrollments for this course. Interdepartmental with Family and Community Medicine and Internal Medicine and Osteopathic Surgical Specialties and Pediatrics and Psychiatry. Administered by Osteopathic Medicine.

A 24-week ambulatory care continuity experience involving 12 weeks in a multidisciplinary environment (family medicine, pediatrics, and internal medicine), 4 weeks in family medicine and 8 weeks in specialty areas (internal medicine, surgery, pediatrics, and obstetrics and gynecology). Didactic sessions are scheduled concurrently.

603  Core Clinical Concepts
Fall, Summer, 1 to 9 credits. A student may earn a maximum of 9 credits in all enrollments for this course. Interdepartmental with Family and Community Medicine and Internal Medicine and Neurology and Ophthalmology and Osteopathic Surgical Specialties and Pediatrics and Psychiatry. Administered by Osteopathic Medicine. R: Open to graduate-professional students in the College of Osteopathic Medicine.

A 36-week didactic continuity experience.

604  Essential Clinical Skills for the Senior Medical Student
Fall, Spring, Summer, 1 to 2 credits. A student may earn a maximum of 3 credits in all enrollments for this course. Interdepartmental with Osteopathic Manipulative Medicine. Administered by Osteopathic Medicine. R: Open to seniors in the College of Osteopathic Medicine.

Longitudinal experience addressing essential skills for senior osteopathic medical students.

609  Laboratory Medicine Clerkship
Fall, Spring, Summer, 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. Interdepartmental with Human Medicine. Administered by Human Medicine. R: Open to graduate-professional students in the College of Human Medicine or in the College of Osteopathic Medicine. SA: PTH 608

Laboratory procedures. Correlation of laboratory data with morphologic abnormalities in patients with pathophysiology.

610  Pathology Clerkship
Fall, Spring, Summer, 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. Interdepartmental with Human Medicine. Administered by Human Medicine. R: Open to graduate-professional students in the College of Human Medicine or in the College of Osteopathic Medicine. SA: PTH 608

Anatomic and clinical pathology with emphasis on clinical-pathologic correlation. Conducted in pathology departments of affiliated hospitals.

615  Biomedical Research Clerkship
Fall, Spring, Summer, 3 to 18 credits. A student may earn a maximum of 18 credits in all enrollments for this course. R: Open to graduate-professional students in the College of Osteopathic Medicine. Approval of college.

Mentored exposure to either basic or clinical research and development of skills to perform clinical or basic science research. Research topic is arranged with the research director or clinician researcher.

685  International Clerkship Rotations
Fall, Spring, Summer, 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Approval of college; application required.

Faculty supervised international clerkship opportunities to immerse students into global healthcare institutions and communities with various healthcare delivery systems that will include student introduction to common diseases and treatment, and cultural sensitivity outside of the required clerkship experience in our affiliated hospital system.

686  Global Health: Mexico - Clinical Immersion
Fall, Spring, Summer, 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Approval of college; application required.

Observation of and supervised participation in host country’s healthcare delivery system. Etiology, treatment, and control of endemic disease. Exploration of local culture and history.
687 Global Health: Peru - Clinical Immersion  
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course.  
RB: Fluency in Spanish to interact with patients  
R: Open to graduate-professional students in the College of Osteopathic Medicine or approval of college.  
Observation of and supervised participation in host country’s healthcare delivery system.  
Etiology, treatment, and control of endemic disease.  
Exploration of local culture and history.  
Offered second half of semester.

688 Global Health: Cuba - Clinical Immersion  
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course.  
R: Open to graduate-professional students in the College of Osteopathic Medicine or approval of college.  
Observation of and supervised participation in host country’s healthcare delivery system.  
Etiology, treatment, and control of endemic disease.  
Exploration of local culture and history.

689 Global Health: Haiti - Clinical Immersion  
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course.  
R: Open to graduate-professional students in the College of Human Medicine or in the College of Osteopathic Medicine or in the College of Nursing or approval of college.  
Observation of and supervised participation in host country’s healthcare delivery system.  
Etiology, treatment, and control of endemic disease.  
Exploration of local culture and history.

690 Global Health: Dominican Republic - Clinical Immersion  
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course.  
R: Open to graduate-professional students in the College of Osteopathic Medicine or approval of college.  
Observation of and supervised participation in host country’s healthcare delivery system.  
Etiology, treatment, and control of endemic disease.  
Exploration of local culture and history.

691 Global Health: Guatemala - Clinical Immersion  
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course.  
RB: Fluency in Spanish to interact with patients  
R: Open to graduate-professional students in the College of Osteopathic Medicine or approval of college.  
Observation of and supervised participation in host country’s healthcare delivery system.  
Etiology, treatment, and control of endemic disease.  
Tropical disease.  
Exploration of local culture and history.

692 Global Health: Turkey - Clinical Immersion  
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course.  
R: Open to graduate-professional students in the College of Osteopathic Medicine or approval of college.  
Observation of and supervised participation in host country’s healthcare delivery system.  
Etiology, treatment, and control of endemic disease.  
Exploration of local culture and history.

693 Global Health: South Korea - Clinical Immersion  
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 30 credits in all enrollments for this course.  
R: Open to graduate-professional students in the College of Osteopathic Medicine or approval of college.  
Observation of and supervised participation in host country’s healthcare delivery system.  
Etiology, treatment, and control of endemic disease.  
Exploration of local culture and history.

694 Global Health: Nepal - Clinical Immersion  
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 30 credits in all enrollments for this course.  
R: Open to graduate-professional students in the College of Osteopathic Medicine or approval of college.  
Observation of and supervised participation in host country’s healthcare delivery system.  
Etiology, treatment, and control of endemic disease.  
One Health.  
Exploration of local culture and history.

695 Global Health: South Korea - Clinical Immersion  
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 30 credits in all enrollments for this course.  
R: Open to graduate-professional students in the College of Osteopathic Medicine or approval of college.  
Observation of and supervised participation in host country’s healthcare delivery system.  
Etiology, treatment, and control of endemic disease.  
Exploration of local culture and history.

696 Global Health: Peru - Clinical Immersion  
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course.  
R: Open to graduate-professional students in the College of Osteopathic Medicine or approval of college.  
Observation of and supervised participation in host country’s healthcare delivery system.  
Etiology, treatment, and control of endemic disease.  
Exploration of local culture and history.

821 One Health—Transdisciplinary Collaborations to Global Health  
Fall, Spring, Summer. 3 credits.  
R: Open to master’s students in the College of Osteopathic Medicine or approval of college.  
Transdisciplinary collaboration amongst different animal health, human health, and non-health specialists to solve problems at the interface of people, animals, and their environment.

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822 Introduction to Global Health Practice  
Fall, Spring, Summer. 3 credits.  
R: Open to master's students in the College of Osteopathic Medicine or approval of college.  
Differences in national models of healthcare delivery, issues of social justice and human rights principles, and strategies to engage marginalized and vulnerable populations.

823 Global Burden of Disease  
Fall, Spring, Summer. 3 credits.  
R: Open to master's students in the College of Osteopathic Medicine or approval of college.  
Major causes of, types of, and efforts to reduce morbidity and mortality around the world. Techniques for monitoring and validating the health status of populations.

824 Emerging Topics in Global Health  
Fall, Spring, Summer. 3 credits.  
R: Open to master's students in the College of Osteopathic Medicine or approval of college.  
Emerging topics in global health and connections to current issues.

825 Ethical Issues in Global Health  
Fall, Spring, Summer. 3 credits.  
R: Open to master's students in the College of Osteopathic Medicine or approval of college.  
International standards for protection of human subjects. Social justice and human rights principles within the global context.

826 Global Health Management  
Fall, Spring, Summer. 3 credits.  
R: Open to master's students in the College of Osteopathic Medicine or approval of college.  
Leadership and management within the context of global healthcare, including interprofessional and intercultural values and communication.

827 Global Health Assessment  
Fall, Spring, Summer. 3 credits.  
R: Open to master's students in the College of Osteopathic Medicine or approval of college.  
Integration of knowledge, skills and competencies acquired in global health.

829 Global Health Community Assessment  
Fall, Spring, Summer. 3 credits.  
A student may earn a maximum of 6 credits in all enrollments for this course.  
R: Open to master's students in the College of Osteopathic Medicine or approval of college.  
Assessment of community health scenarios. Techniques for collaboration and co-creation with community partners.

830 Independent Study in Global Health  
Fall, Spring. 1 to 3 credits.  
A student may earn a maximum of 6 credits in all enrollments for this course.  
R: Open to master's students in the College of Osteopathic Medicine or approval of college.  
Independent study in areas relevant to global health.
831  Evidence-Based Practice in Global Health
Fall, Spring, Summer. 3 credits.  R: Open to master's students in the College of Osteopathic Medicine or approval of college.
Critical appraisal of scientific studies of global health interventions.

832  Independent Study in United States Health Systems
On Demand. 1 to 3 credits.
Independent study in areas relevant to the United States Health Systems.

890  Independent Study
Fall, Spring, Summer. 3(3-0) RB: Enrolled in the Master of Arts in Health Professions Education R: Approval of college; application required.
Supervised individual study in an area of osteopathic medicine.

894  Field Study
Fall, Spring, Summer. 3(3-0) RB: Enrolled in the Master of Arts in Health Professions Education R: Approval of college; application required.
Supervised graduate practica and internships in Health Professions Education.