OST—Osteopathic Medicine

College of Osteopathic Medicine

OST

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

572 Genitourinary System
Spring. 3(3-0) R: Open to graduate-professional students in the College of Osteopathic Medicine. C: OST 573 concurrently.
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
Summer. 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. 8(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. 6(4-0) 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) R: Open to graduate-professional students in the College of Osteopathic Medicine. Analysis and presentation of clinical case reports in the criteria required to identify case reports published in reputable journals containing clinically consistent 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.

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, Spring, 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-pathological 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 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. RB: Fluency with host country language. 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. P: IM 618 or approval of college 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.

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.
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. R: Open to graduate-professional students 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.

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.

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 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.

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.

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.

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. Exploration of local culture and history.