

# OSTEOPATHIC MEDICINE

# OST

## 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.

Classical, current and innovative osteopathic medical trends in patient treatment and care.

**501 Clinical Skills I**

Fall. 2(1-2) R: Open only to graduate-professional students in the College of Osteopathic Medicine.

Introduction to osteopathic physical examination.

**502 Clinical Skills II**

Spring. 2(1-2) P:M: (OST 501 or concurrently) and ANTR 551 R: Open only to graduate-professional students in the College of Osteopathic Medicine.

Continuation of OST 501.

**504 Doctor/Patient Relationship I**

Fall. 1(0-2) R: Open only to graduate-professional students in the College of Osteopathic Medicine.

Basics of interpersonal communication related to physician interaction with patients.

**505 Doctor/Patient Relationship II**

Spring. 1(0-2) P:M: OST 504 R: Open only to graduate-professional students in the College of Osteopathic Medicine.

Skills of interviewing patients for the purposes of gathering information, giving information, and patient motivation.

**511 Systems Biology: Neuromusculoskeletal I**

Summer. 7(5-4) P:M: ANTR 551 and OST 501 and HM 561 and BMB 514 and OMM 501 and OST 505 and BMB 526 and NOP 552 and OST 502 and PSL 534 R: Open only to graduate-professional students in the College of Osteopathic Medicine.

Multidisciplinary approach to the peripheral neuromusculoskeletal system. Integration of basic science and clinical information.

**512 Systems Biology: Neuromusculoskeletal II**

Fall. 5(4-2) P:M: OST 511 and PHM 563 and OMM 503 and RAD 553 R: Open only to graduate-professional students in the College of Osteopathic Medicine.

Multidisciplinary approach to the neuromusculoskeletal system. Central nervous system and ophthalmology. Integration of basic science and clinical information.

**519 Ethics, Policy and Jurisprudence**

Spring. 2(2-0) P:M: OST 512 and OST 529 and OST 530 and OST 527 and OMM 504 and FCM 640 and OST 522 R: Open only to graduate and graduate-professional students in the College of Osteopathic Medicine or College of Human Medicine or College of Nursing or approval of department.

Key issues in ethics, policy and law encountered in the practice of medicine.

**521 Systems Biology: Hematopoietic**

Spring. 2(2-0) P:M: OMM 504 and OST 527 and FCM 640 and OST 522 and OST 530 and OST 512 and OST 529 R: Open to graduate-professional students in the College of Osteopathic Medicine.

Multidisciplinary approach to the hematopoietic system. Hematopoiesis, clotting, and hematopoietic pathologies. Integration of clinical and basic science information.

**522 Systems Biology: Gastrointestinal**

Fall. 5(5-0) P:M: OST 511 and PHM 563 and RAD 553 and OMM 503 R: Open only to graduate-professional students in the College of Osteopathic Medicine.

Multidisciplinary approach to the gastrointestinal system. Normal structure and function, and pathologies. Integration of basic science and clinical information.

**523 Systems Biology: Genitourinary**

Spring. 3(3-0) P:M: OST 512 and OMM 504 and OST 522 and FCM 640 and OST 529 and OST 527 and OST 530 R: Open to graduate-professional students in the College of Osteopathic Medicine.

Multidisciplinary approach to the urinary system. Normal structure and function and pathologies of the urinary and male reproductive systems. Integration of basic science and clinical information.

**524 Systems Biology: Cardiovascular**

Spring. 8(7-2) P:M: OST 512 and OST 530 and OMM 504 and FCM 640 and OST 522 and OST 529 and OST 527 R: Open to graduate-professional students in the College of Osteopathic Medicine.

Multidisciplinary approach to the cardiovascular system. Normal structure and function and pathologies. Integration of basic science and clinical information.

**525 Systems Biology: Respiratory**

Spring. 5(4-2) P:M: OST 512 and OST 527 and OMM 504 and OST 530 and OST 522 and FCM 640 and OST 529 R: Open to graduate-professional students in the College of Osteopathic Medicine.

Multidisciplinary approach to the respiratory system. Normal structure and function and pathologies. Integration of basic science and clinical information.

**526 Systems Biology: Integumentary**

Summer. 2(2-0) P:M: OMM 505 and OST 525 and FCM 650 and OST 523 and OST 521 and OST 524 and OST 519 R: Open to graduate-professional students in the College of Osteopathic Medicine and approval of college.

Multidisciplinary approach to the integumentary system. Diagnosis and treatment of integumentary pathologies. Integration of basic science and clinical information.

**527 Systems Biology: Female Reproductive**

Fall. 4(4-0) P:M: OST 511 and PHM 563 and OMM 503 and RAD 553 R: Open only to graduate-professional students in the College of Osteopathic Medicine.

Multidisciplinary approach to the female reproductive system. Normal structure and function, and pathologies. Integration of basic science and clinical information in obstetrics and gynecology.

**528 Systems Biology: Growth and Development**

Summer. 3(3-0) P:M: OST 525 and OMM 505 and OST 524 and OST 523 and OST 521 and FCM 650 and OST 519 R: Open to graduate-professional students in the College of Osteopathic Medicine.

Multidisciplinary approach to growth and development. Normal structure and function, and pathologies. Integration of basic science and clinical information.

**529 Systems Biology: Endocrinology**

Fall. 2(2-0) P:M: OST 511 and PHM 563 and OMM 503 and RAD 553 R: Open only to graduate-professional students in the College of Osteopathic Medicine.

Multidisciplinary approach to endocrinology. Normal endocrine function and the principles of diagnosis and treatment of endocrine disorders. Integration of basic science and clinical information.

**530 Psychopathology**

Fall. 1(1-0) P:M: OST 511 and PHM 563 and OMM 503 and RAD 553 R: Open only to graduate-professional students in the College of Osteopathic Medicine.

Overview of psychopathology, Diagnostic and Statistical Manual of Mental Disorders, Edition IV (DSM-IV).

**531 Biostatistics and Epidemiology**

Fall. 2(2-0) R: Open to graduate-professional students in the College of Nursing or in the College of Human Medicine or in the College of Osteopathic Medicine or approval of department. SA: CMS 512, OM 512, IM 512

Exposure to the tools necessary to read and understand epidemiological and other medical research articles.

**535 Principles of Geriatrics**

Summer. 2(2-0) P:M: OMM 505 and OST 525 and FCM 650 and OST 523 and OST 521 and OST 524 and OST 519 R: Open to graduate-professional students in the College of Osteopathic Medicine or in the College of Human Medicine or approval of department. SA: CMS 522

Lectures, readings, tapes, small group seminars, and home visits related to normal aging epidemiology. Major chronic diseases and other issues of geriatric care.

**536 Behavioral System**

Fall. 2(2-0) P:M: OST 511 or PHM 563 or OMM 503 or RAD 553 Not open to students with credit in OST 520.

Health promotion models, health behavior, stress and coping, and human sexuality.

**538 Chronic Illness**

Spring. 1(1-0) P:M: OMM 504 and FCM 640 and OST 527 and OST 512 and OST 530 and OST 536 and OST 522 and OST 529 Not open to students with credit in OST 520.

Psychosocial aspects of chronic illness. Understanding and treating pain.

**540 Aspects of Clinical Medicine**

Summer. 2(1-1) P:M: (ANTR 551 and PSL 534 and NOP 552 and RAD 552 and PSL 535 and OMM 505 and OST 511 and BMB 514 and BMB 526 and OST 502) and (OST 512 and OST 522 and OST 527 and OST 520 and OST 530 and OST 524 and OST 525 and OST 523 and OST 521) R: Open only to graduate-professional students in the College of Osteopathic Medicine.

Correlation of information gathering and clinical decision-making related to common patient presenting symptoms.

**561 Basic Principles of Pathology**

Spring. 2 credits. Interdepartmental with Human Medicine. Administered by Human Medicine. R: Open only to graduate-professional students in the colleges of Human and Osteopathic Medicine. SA: PTH 542

Fundamental pathologic processes. Clinical applications.

**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.

**600 Spanish For Medical Terminology**

Fall, Spring. 1(1-0) A student may earn a maximum of 2 credits in all enrollments for this course. RB: Some basic Spanish experience/conversation.

Practicing patient interview skills in Spanish.

**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.

**609 Laboratory Medicine Clerkship**

Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 16 credits in all enrollments for this course. Interdepartmental with Human Medicine. Administered by Human Medicine. R: Open only to graduate-professional students in College of Human Medicine or Osteopathic Medicine. SA: PTH 609

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

**610 Pathology Clerkship**

Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 12 credits in all enrollments for this course. Interdepartmental with Human Medicine. Administered by Human Medicine. R: Open only to graduate-professional students in College of Human Medicine or Osteopathic Medicine. SA: PTH 608

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