

**Descriptions — Osteopathic Medicine  
of  
Courses**

**OSTEOPATHIC MEDICINE O M**

**College of Osteopathic Medicine**

- 590. Special Problems in Osteopathic Medicine**  
Fall, Winter, Spring, Summer. 1 to 8 credits. May reenroll for a maximum of 32 credits. Approval of department.  
Each student will work under direction of a faculty member on an experimental, theoretical or applied problem.
- 620. Directed Studies**  
Fall, Winter, Spring, Summer. 2 to 24 credits. May reenroll for a maximum of 48 credits. Admission to a college of medicine or approval of department.  
Individual or group work on special problems in medicine.
- 651. Obstetrics—Gynecology Clerkship**  
Fall, Winter, Spring, Summer. 8 credits. Grade P in all courses offered in terms 1 through 8.  
Clinical exposure in obstetrics and gynecology. Program developed to achieve efficiency in obstetrical patient evaluation, management; motor skills, aptitudes; evaluation of postpartum patient; management of gynecologic problems.
- 653. Surgery Clerkship**  
Fall, Winter, Spring, Summer. 8 credits. Grade P in all courses offered in terms 1 through 8.  
Clinical exposure in area of surgical diagnosis, management, treatment. Program structure developed to achieve proficiency in motor skills, aptitudes; comprehension of concepts and principles; patient evaluation, diagnosis, management, and therapy.
- 654. Anesthesiology Clerkship**  
Fall, Winter, Spring, Summer. 4 to 8 credits. Grade P in all courses offered in Terms 1 through 8.  
Clinical exposure in the area of anesthesiology. Motor skills; concepts and principles; patient evaluation, management, and therapy.
- 656. Orthopedics Clerkship**  
Fall, Winter, Spring, Summer. 6 to 8 credits. May reenroll for a maximum of 12 credits. Grade P in all courses offered in terms 1 through 8.  
Clinical exposure in area of orthopedics. Program structure developed to achieve proficiency in motor skills, aptitudes; comprehension of concepts and principles; patient evaluation, diagnosis, management, and therapy.
- 658. Otorhinolaryngology Clerkship**  
Fall, Winter, Spring, Summer. 6 to 8 credits. May reenroll for a maximum of 12 credits. Grade P in all courses offered in terms 1 through 8.  
Clinical exposure in area of otorhinolaryngology. Program structure developed to achieve proficiency in motor skills, aptitudes; comprehension of concepts and principles; patient evaluation, diagnosis, management, and therapy.

**OSTEOPATHIC MEDICINE OST  
(COLLEGE OF)**

- 500. Basic Concepts in Biomechanics**  
Winter. 2(2-0) Admission to a college of medicine or approval of department. Interdepartmental with and administered by the Department of Biomechanics.  
Basic concepts of biomechanics and their relationship to functional anatomy and osteopathic manipulative therapy.
- 520. Normal Endocrine Structure and Function**  
Spring. 3 credits. BCH 502.  
An integrated basic science course presenting a series of lectures and laboratories related to the normal structure and function of the endocrine organs. Prerequisite for studying endocrine diseases in systems biology.
- 530. Comprehensive Patient Evaluation I**  
Fall. 2 to 6 credits. Admission to a college of medicine. ANT 565 or concurrently.  
Interdepartmental course in physical examination skills. Stresses comprehensive, osteopathic evaluation of the patient.
- 531. Comprehensive Patient Evaluation II**  
Winter. 2 to 6 credits. OST 530, ANT 565.  
Continuation of OST 530.
- 532. Comprehensive Patient Evaluation III**  
Spring. 4 credits. OST 531.  
Interdepartmental course in physical examination skills. Stresses application of comprehensive, osteopathic evaluation of the patient. Introduction to office procedures and physical diagnosis.
- 533. Comprehensive Patient Evaluation IV**  
Fall. 2 to 6 credits. OST 532.  
Interdepartmental course in physical examination skills. Stresses comprehensive, osteopathic evaluation of the patient. Includes preceptorship and appropriate systems biology clinical experiences.
- 552. Systems Biology - Integumentary**  
Summer. 2 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 521, PTH 502.  
A multidisciplinary approach to the integumentary system providing a functional integration of basic science and clinical information.
- 553. Systems Biology - Nervous System**  
Fall. 10 credits. ANT 563, PSL 500A, PTH 502, BCH 502, PHM 521, MPH 521.  
A multidisciplinary approach to the nervous system providing a functional integration of basic science and clinical information.
- 554. Systems Biology - Cardiovascular**  
Spring. 15 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 521, PTH 502.  
A multidisciplinary approach to the cardiovascular system providing functional integration of basic science and clinical information.
- 555. Systems Biology - Respiratory**  
Summer. 8 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 521, PTH 502.  
A multidisciplinary approach to the respiratory system providing functional integration of basic science and clinical information.
- 556. Systems Biology - Urinary**  
Fall. 7 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 521, PTH 502.  
A multidisciplinary approach to the urinary system providing functional integration of basic science and clinical information.
- 557. Systems Biology - Gastrointestinal**  
Winter. 13 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 520, PTH 502.  
A multidisciplinary approach to the gastrointestinal system providing functional integration of basic science and clinical information.
- 558. Systems Biology - Growth and Development**  
Fall. 5 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PTH 502.  
A multidisciplinary approach to growth and development within the field of pediatrics providing functional integration of biological, behavioral and clinical sciences.
- 559. Systems Biology - Reproductive**  
Fall. 7 credits. ANT 560, ANT 565; PSL 500A; MPH 521; BCH 502; PTH 502.  
A multidisciplinary approach to the male and female reproductive system providing functional integration of basic science and clinical information (includes obstetrics and gynecology).
- 560. Systems Biology - Musculoskeletal**  
Summer. 6 credits. ANT 560, ANT 565; PSL 500A; MPH 521; BCH 502; PHM 521; PTH 502.  
A multidisciplinary approach to the musculoskeletal system providing functional integration of basic science and clinical information.
- 590. Special Problems**  
Fall, Winter, Spring, Summer. 1 to 8 credits. May reenroll for a maximum of 32 credits. Approval of department.  
Each student will work under direction of a faculty member on an experimental, theoretical or applied problem.
- 610. Subspecialty Clerkship: Child Psychiatry**  
Fall, Winter, Spring, Summer. 4 to 16 credits. PSC 608. Interdepartmental with and administered by the Department of Psychiatry.  
Subspecialty experiences in psychiatry in clinical settings with child patients and their families.
- 614. The Osteopathic Examination I**  
Winter, Spring. 1(0-4) OST 533 or approval of instructor.  
Emphasizes continuing development of palpatory diagnostic skills, neuromusculoskeletal patient assessment, selection and utilization of appropriate osteopathic manipulative treatment.
- 615. The Osteopathic Examination II**  
Spring, Summer. 1(0-4) OST 614 or approval of instructor.  
Introductory clinical course in the application of neuromusculoskeletal assessment, palpatory diagnosis and osteopathic manipulative treatment in ambulatory clinics.