Osteopathic Medicine — Descriptions of Courses

520. Normal Endocrine Structure and Function
Spring. 3 credits. BCH 502.
An introductory 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.

557. Systems Biology - Gastrointestinal
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).

OSTEOPATHIC MEDICINE OST
(COLLEGE OF)

500. Basic Concepts in Biomechanics
Winter. 2/3-0. 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.

555. Systems Biology - Respiratory
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.

506. Systems Biology - Musculoskeletal
Summer. 6 credits. ANT 560, ANT 565; PSL 500A; MPH 521; BCH 502; PTH 502.
A multidisciplinary approach to the musculoskeletal system providing functional integration of basic science and clinical information.

560. Systems Biology - Musculoskeletal
Summer. 6 credits. ANT 560, ANT 565; PSL 500A; MPH 521; BCH 502; PTH 502.
A multidisciplinary approach to the musculoskeletal system providing functional integration of basic science and clinical information.

501. Osteopathic Examination
A multidisciplinary approach to the osteopathic examination providing functional integration of basic science and clinical information.

551. Osteopathic Examination II
Winter. 2 to 6 credits. OST 530, ANT 565.
Continuation of OST 530.

552. Osteopathic Examination 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.

553. Osteopathic Examination 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.

564. 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.

565. 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.

566. 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.

567. Systems Biology - Gastrointestinal
A multidisciplinary approach to the gastrointestinal system providing functional integration of basic science and clinical information.

570. Special Problems
Fall, Winter, Spring. 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.

571. Subspecialty Clerkship: Child Psychiatry
Fall, Winter, Spring. 4 to 16 credits. PSC 606, Interdepartmental with and administered by the Department of Psychiatry.
Subspecialty experiences in psychiatry in clinical settings with child patients and their families.

572. The Osteopathic Examination I
Winter, Spring. 1(0-4) OST 533 or approval of instructor.

573. 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.

574. The Osteopathic Examination III
Fall, Summer. 1(0-4) OST 615 or approval of instructor.
Introductory clinical course in the application of neuromusculoskeletal assessment, palpatory diagnosis and osteopathic manipulative treatment in the hospital setting.