6.50. Medicine Clerkship
Fall, Winter, Spring, 2 to 24 credits. Grade P in all courses offered in terms 1 through 5 or approval of department. Clinical exposure in obstetrics and gynecology. Program developed to achieve efficiency in obstetrical patient evaluation, management; motor skills, aptitudes; care of new born; evaluation of postpartum patient; management of gynecologic problems.

6.53. Surgery-Anesthesiology Clerkship
Fall, Winter, Spring, Summer, 8 credits. Grade P in all courses offered in terms 1 through 5 or approval of department. 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.

6.54. Anesthesiology Clerkship
Fall, Winter, Spring, Summer, 4 credits. Grade P in all courses offered in terms 1 through 5 or approval of department. Clinical exposure in area of anesthesiology. Program structure developed to achieve proficiency in motor skills, aptitudes; comprehension of concepts and principles; patient evaluation, diagnosis, management, and therapy.
655. Emergency Medicine Clerkship  
Fall, Winter, Spring, Summer. 4 credits. Grade P in all courses offered in terms 1 through 8 or approval of department. 
A clerkship organized to develop skills in the acute evaluation and management of patients in the hospital emergency room and other locations.

656. Orthopedics Clerkship  
Fall, Winter, Spring, Summer. 4 credits. Grade P in all courses offered in terms 1 through 8 or approval of department. 
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.

657. Neurology Clerkship  
Fall, Winter, Spring, Summer. 4 credits. Grade P in all courses offered in terms 1 through 8 or approval of department. 
Clinical exposure in area of neurology. 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. 4 credits. Grade P in all courses offered in terms 1 through 8 or approval of department. 
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 (COLLEGE OF)  

500. Historical and Biological Foundations of Osteopathic Medicine  
Summer. 2(3-0) Admission to a professional medical program. 
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.

520. Normal Endocrine Structure and Function  
Spring. 3(2-2) PSL 500A, BCH 502 or approval of department. 
A multidisciplinary approach to the hematopoietic systems providing a functional integration of basic science and clinical information.

530. Comprehensive Patient Evaluation I  
Summer. 2 to 6 credits. Admission to a college of medicine. 
An interdepartmental course in physical examination skills. Stresses comprehensive, osteopathic evaluation of the patient.

531. Comprehensive Patient Evaluation II  
Fall. 2 to 6 credits. OST 530. 
Continuation of OST 530.

532. Comprehensive Patient Evaluation III  
Winter. 2 to 6 credits.OST 531. 
Continuation of OST 530.

534. Comprehensive Patient Evaluation and Management I  
Summer. 2 to 6 credits. OST 533. 
Continuation of OST 534.

535. Comprehensive Patient Evaluation and Management II  
Fall. 2 to 6 credits. OST 533. 
Continuation of OST 535.

536. Comprehensive Patient Evaluation and Management III  
Winter. 2 to 6 credits. OST 533. 
Continuation of OST 536.

537. Comprehensive Patient Evaluation and Management IV  
Spring. 2 to 6 credits. OST 533. 
Continuation of OST 537.

551. Systems Biology I  
(O M 550.) Fall. 3 to 12 credits. ANT 560, BCH 502. 
A multidisciplinary approach to the hematopoietic systems providing a functional integration of basic science and clinical information.

552. Systems Biology II  
Spring. 3 to 6 credits. ANT 550, ANT 565, PSL 500A, MPH 501, BCH 502, PTH 502. 
A multidisciplinary approach to the integumentary system providing a functional integration of basic science and clinical information.

553. Systems Biology III  
(O M 551.) Spring. 5 to 15 credits. ANT 563, PSL 500A, PTH 502, BCH 502, MPH 502, MPH 501. 
A multidisciplinary approach to the nervous system providing a functional integration of basic science and clinical information.

554. Systems Biology IV  
(O M 552.) Fall. 5 to 15 credits. ANT 550, ANT 565, PSL 500A, MPH 501, BCH 502, PTH 502. 
Continuation of OST 553 with emphasis on multidisciplinary approach to the cardiovascular system.

555. Systems Biology V  
(O M 553.) Winter. 5 to 10 credits. ANT 550, ANT 565, PSL 500A, MPH 501, BCH 502, PTH 502. 
Continuation of OST 554 with emphasis on multidisciplinary approach to the respiratory system.

556. Systems Biology VI  
(O M 555.) Winter. 5 to 10 credits. ANT 560, ANT 565, PSL 500A, MPH 501, BCH 502, PTH 502. 
Continuation of OST 555. This system will represent a multidisciplinary approach to the urinary system.

557. Systems Biology VII  
(O M 554.) Spring. 5 to 15 credits. ANT 550, ANT 565, PSL 500A, MPH 501, BCH 502, PTH 502. 
Continuation of OST 556 with emphasis on multidisciplinary approach to the gastrointestinal system and metabolism.

558. Systems Biology VIII  
(O M 555.) Summer. 5 to 15 credits. ANT 560, ANT 565, PSL 500A, MPH 501, BCH 502, PTH 502. 
Continuation of OST 557 with emphasis on multidisciplinary approach to the growth and development within (but not limited to) the field of pediatrics, obstetrics and gynecology.

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. The Osteopathic Examination I  
(F M 630.) Fall. 1(0-4) Admission to a college of medicine or approval of instructor. 
Institution in the osteopathic examination.

611. The Osteopathic Examination II  
(F M 540.) Winter. 1(0-4) OST 610 or approval of instructor. 
Continuation of OST 610.

612. The Osteopathic Examination III  
(F M 650.) Spring. 1(0-4) OST 611 or approval of instructor. 
Continuation of OST 611.

613. The Osteopathic Examination IV  
(F M 660.) Summer. 1(0-4) OST 612 or approval of instructor. 
Continuation of OST 612.

614. The Osteopathic Examination V  
(F M 670.) Winter. 1(0-4) OST 612 or approval of instructor. 
Continuation of OST 613.

615. The Osteopathic Examination VI  
(F M 680.) Winter. 1(0-4) OST 612 or approval of instructor. 
Continuation of OST 614.

616. The Osteopathic Examination VII  
(F M 690.) Fall, Winter, Spring, Summer. 1(0-4) OST 613, OST 614, OST 615 or approval of instructor. 
Continuation of OST 615.

620. Systems Biology-Directed Studies  
Fall, Winter, Spring, Summer. 1 to 15 credits. Admission to a professional medical program or approval of coordinator. 
A directed study in systems biology for the continuing advanced student or remediation of any systems biology: hematopoietic, integumentary, nervous, cardiovascular, respiratory, urinary, gastrointestinal, growth and development.