Osteopathic Manipulative Medicine – OMM

590 Special Problems in Biomechanics
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 48 credits in all enrollments for this course. R: Open only to graduate and graduate-professional students in the College of Osteopathic Medicine. Approval of department. SA: BIM 590
Each student works under faculty direction on an experimental, theoretical, or applied problem.

601 Osteopathic Manipulative Medicine Clerkship
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II. SA: BIM 601, BIM 601
Advanced training in the diagnosis of musculoskeletal dysfunction and application of osteopathic manipulative techniques.

620 Directed Studies
Fall, Spring, Summer. 1 to 30 credits. A student may earn a maximum of 30 credits in all enrollments for this course. SA: BIM 620, BIM 620
Individual or group work on special problems related primarily to the biomechanics of the musculoskeletal system.

300 Special Topics
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course. SA: BIM 300
Directed study in topics of biomechanics.

830 Biomechanical Analysis of Physical Activity
Fall. 3(2-2) Interdepartmental with Kinesiology; Medicine; Obstetrics, Gynecology and Reproductive Biology; Pediatrics and Human Development; Surgery. Administered by Department of Kinesiology. SA: BIM 830, PES 830
Kinematic analysis of mechanical and anatomical characteristics in physical activity and sport skills.

831 Advanced Biomechanics of Physical Activity
Spring of even years. 3(2-2) Interdepartmental with Kinesiology; Medicine; Obstetrics, Gynecology and Reproductive Biology; Pediatrics and Human Development; Surgery. Administered by Department of Kinesiology. P:NM: (KIN 830) SA: BIM 831, KIN 831
Kinetic analyses of the performance of physical activity and sport.

930 Current Issues in Biomechanical Aspects of Physical Activity
Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. Interdepartmental with Kinesiology; Medicine; Obstetrics, Gynecology and Reproductive Biology; Pediatrics and Human Development; Romance Languages. Administered by Department of Kinesiology. P:NM: (KIN 830) SA: BIM 930, PES 930
Selected issues of biomechanical analyses of sport and physical activity.

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. 3(1-4) R: Graduated-professional students in College of Osteopathic Medicine. Introduction to osteopathic physical examination.

502 Clinical Skills II

504 Doctor/Patient Relationship I
Fall. 1(0-2) R: Graduate-professional students in College of Osteopathic Medicine. Basics of interpersonal communication related to physician interaction with patients.

505 Doctor/Patient Relationship II
Spring. 1(0-2) P:NM: (OST 504) R: Graduate-professional students in 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:NM: (ANT 551 and ANT 552 and OST 501 and OST 502 and PSL 501) R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college. A multidisciplinary approach to the peripheral neuromusculoskeletal system. Integration of basic science and clinical information with osteopathic manual medicine.

512 Systems Biology: Neuromusculoskeletal II
Fall. 6(4-4) P:NM: (OST 511) R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college. A multidisciplinary approach to the neuromusculoskeletal system. Emphasis on the central nervous system. Integration of basic science and clinical information with osteopathic manual medicine.

513 Systems Biology: Neuromusculoskeletal III
Spring. 5(3-4) P:NM: (OST 512) R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college. Multidisciplinary approach to the neuromusculoskeletal system. Emphasis on ophthalmology, rheumatology, and orthopedics. Integration of basic science and clinical information with osteopathic manual medicine.

517 Systems Biology: Behavior II
Spring. 2(2-0) P:NM: (OST 516) R: Open only to graduate-professional students in College of Osteopathic Medicine. A multidisciplinary approach to behavior. Focus on psychopathology, chronic illness and disability, health policy and terminal care.

519 Ethics, Policy and Jurisprudence
Spring. 2(2-0) R: Open only to graduate and graduate-professional students in the colleges of Osteopathic Medicine, Human Medicine and Nursing or approval of department. Key issues in ethics, policy and law encountered in the practice of medicine.

520 Behavioral Medicine System
Fall, Spring. 4(4-0) R: Open only to graduate-professional students in the College of Osteopathic Medicine. SA: OST 516 Not open to students with credit in OST 517. Health promotion models, health behavior, stress and coping, models of substance abuse, substance abuse screening and interventions, human sexuality, psychosocial aspects of chronic illness, understanding and treating pain.

521 Systems Biology: Hematopoietic
Fall. 6(6-0) P:NM: (ANT 551 and ANT 552 and BMB 521 and MIC 522 and PSL 501 and PSL 502 and PHM 563 and PTH 542) R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college. A multidisciplinary approach to the hematopoietic system. Emphasis on hematopoiesis, clotting, and hematopoietic pathologies. Integration of clinical and basic science information.

522 Systems Biology: Gastrointestinal
Fall. 6(6-0) P:NM: (ANT 551 and ANT 562 and BMB 521 and MIC 522 and PHM 563 and PSL 501 and PTH 542) R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college. A multidisciplinary approach to the gastrointestinal system emphasizing normal structure and function, and pathologies. Integration of basic science and clinical information.

523 Systems Biology: Genitourinary
Summer. 5(5-0) P:NM: (ANT 551 and ANT 562 and BMB 521 and MIC 522 and PHM 563 and PSL 501 and PTH 542) R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college. A multidisciplinary approach to the urinary system. Emphasis on normal structure and function, and pathologies, of the urinary and male reproductive systems. Integration of basic science and clinical information.