OBSTETRICS, GYNECOLOGY AND REPRODUCTIVE BIOLOGY

College of Human Medicine

508. Obstetrics/Gynecology Clerkship
Fall, Winter, Spring, Summer. 1 to 17 credits. May reenroll for a maximum of 43 credits. [OGR 508, approval of department and approval of coordinator.]

Advanced Clinical Clerkship
Fall, Winter, Spring, Summer. 4 to 15 credits. May reenroll for a maximum of 16 credits. H M 620.

Gynecology Ambulatory Clinic
Fall, Winter, Spring, Summer. 4 to 16 credits. May reenroll for a maximum of 16 credits. [OGR 508, approval of coordinator.]

Case Studies in Obstetrics and Gynecology
Fall, Winter, Spring, Summer. 8 to 16 credits. May reenroll for a maximum of 16 credits. H M 622.

The student will design, pretest and field test a simulation of a clinical problem in obstetrics and gynecology.

OSTEOPATHIC MEDICINE (COLLEGE OF)

532. Clinical Science III
Winter. 1(0-3) Admission to a college of medicine.

A clinical study program providing an opportunity to learn the skills of history-taking and physical examination by actual performance of the involved techniques on patients under physician supervision.

534. Clinical Science V
Summer. 1(0-3) Admission to a college of medicine.

A clinic-based program providing additional emphasis on history-taking and physical examination as well as developing fundamental abilities in diagnosis and problem solving in the clinic setting.

535. Clinical Science VI
Fall. 1(0-3) Admission to a college of medicine.

A continuation of O M 534.

536. Clinical Science VII
Winter. 1(0-3) Admission to a college of medicine.

A continuation of O M 535.

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 46 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. 12 credits. Grade P in all courses offered in terms 1 through 8.

Clinical exposure in obstetrics and gynecology. Program developed to achieve proficiency in obstetrical patient evaluation, management, motor skills, aptitudes, care of newborn, evaluation of postpartum patient, management of gynecologic problems.

653. Surgery-Anesthesiology Clerkship
Fall, Winter, Spring, Summer. 10 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 credits. Grade P in all courses offered in terms 1 through 8.

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. 6 credits. May reenroll for a maximum of 12 credits. Grade P in all courses offered in terms 1 through 8.

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. 6 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 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

500. Historical and Biological Foundations of Osteopathic Medicine
Summer. 2(2-0) Admission to a college of medicine or approval of department.

Historical development of the osteopathic profession. Integration of biological and osteopathic principles in the consideration of health and disease.

516. Medical Ethics
Winter. 3(3-0) Interdepartmental with and administered by the College of Human Medicine.

Analysis and evaluation of the ethical elements of medical decision making. Topics include: patient rights, physician responsibilities, euthanasia, informed consent, professionalism, confidentiality, biomedical research, and allocation of scarce resources.

520. Normal Endocrine Structure and Function
Winter. 2 to 6 credits. BCH 502, PSL 500A, ANT 560, ANT 565 or approval of department.

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
Summer. 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
Fall. 2 to 6 credits. OST 530, ANT 565.

Continuation of OST 530.

532. Comprehensive Patient Evaluation III
Winter. 2 to 6 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
Spring. 2 to 6 credits. OST 532.

Interdepartmental course in physical examination skills. Stresses comprehensive, osteopathic evaluation and management of the patient. Includes preceptorship and appropriate systems biology clinical experiences.

534. Comprehensive Patient Evaluation and Management I
Fall, Winter. 2 to 6 credits. OST 533.

Physical examination skills, diagnosis and patient management. Stresses comprehensive, osteopathic evaluation and management of the patient. Includes preceptorship and appropriate systems biology clinical experiences.

535. Comprehensive Patient Evaluation and Management II
Fall, Winter. 2 to 6 credits. OST 534.
536. Comprehensive Patient Evaluation and Management III
Winter, Spring. 2 to 6 credits. OST 535.
Continuation of OST 535.

537. Comprehensive Patient Evaluation and Management IV
Spring, Summer. 2 to 6 credits. OST 535.
Continuation of OST 536.

551. Introduction to Laboratory Medicine
Fall. 2 credits. ANT 560.
Introduction to laboratory medicine leading to proficiency in patient evaluation and diagnosis through understanding of common pathologies and basic laboratory procedures in blood, urine and feces analysis.

552. Systems Biology - Integumentary
A multidisciplinary approach to the integumentary system providing a functional integration of basic science and clinical information.

553. Systems Biology - Nervous System
A multidisciplinary approach to the nervous system providing a functional integration of basic science and clinical information.

554. Systems Biology - Cardiovascular System
A multidisciplinary approach to the cardiovascular system providing functional integration of basic science and clinical information.

555. Systems Biology - Respiratory System
Fall. 8 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PTH 521B, PTH 502.
A multidisciplinary approach to the respiratory system providing functional integration of basic science and clinical information.

556. Systems Biology - Urinary System
A multidisciplinary approach to the urinary system providing functional integration of basic science and clinical information.

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

558. Systems Biology - Growth and Aging
A multidisciplinary approach to growth, development, and aging within (but not limited to) the field of pediatrics and gerontology providing functional integration of basic science and clinical information.

559. Systems Biology - Reproductive System
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 System
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.

600. Ambulatory Care
Fall, Winter. Spring, Summer. 24 credits. Grade P in all courses offered in Terms 1-8 or approval of department.
A multidisciplinary approach in clinical settings to the ambulatory patient to achieve proficiency in motor skills, attitudes, comprehension of concepts and principles: patient evaluation, diagnosis, management, and therapy.

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

611. The Osteopathic Examination II
Fall. 1(0-4) OST 610 or approval of instructor.
Continuation of OST 610.

612. The Osteopathic Examination III
Fall. 1(0-4) OST 611 or approval of instructor.
Continuation of OST 611.

613. The Osteopathic Examination IV
Spring. 1(0-4) OST 612 or approval of instructor.
Continuation of OST 612.

614. The Osteopathic Examination V
Fall, Winter, Spring. Summer. 1(0-4) OST 613 or approval of instructor.
Continuation of OST 613.

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

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