552. Clinical Nurse Specialist Practicum III
Fall, Winter, Spring. 3(2-9) N E 581, approval of college.

553. Clinical Nurse Specialist Practicum IV
Spring. 3(2-9) N E 582, approval of college.
Primary care management of clients with multiple health problems. Focus on loss theory. Longitudinal study of a family.

590. Special Problems
Fall, Winter, Spring. 1 to 8 credits.
May reenroll for a maximum of 12 credits. Approval of instructor.
Individual or group in-depth study of specific areas in nursing.

595. Selected Topics
Fall, Winter, Spring. 2 to 6 credits.
May reenroll for a maximum of 6 credits if different topics are selected. Approval of instructor. Selected issues, trends, programs or theories in nursing.

599. Master's Thesis Research
Fall, Winter, Spring. 1 to 6 credits.
May reenroll for a maximum of 15 credits. N E 570, approval of instructor.
Clinical research problem related to primary health care.

OBSTETRICS, GYNECOLOGY AND REPRODUCTIVE BIOLOGY

OGR

College of Human Medicine

608. Obstetrics/Gynecology Clerkship
Fall, Winter, Spring. Summer. 1 to 17 credits. May reenroll for a maximum of 43 credits. H M 602.
Experience with gynecologic and obstetrical patients, in in-patient and out-patient settings, under the direction of community practitioners and members of the MSU faculty.

609. Obstetrics and Gynecology Advanced Clerkship
Fall, Winter, Spring. Summer. 4 to 16 credits. May reenroll for a maximum of 16 credits. OGR 608, approval of department and approval of community coordinator.
Advanced clinical experience in gynecology and/or obstetrics.

OSTEOPATHIC MEDICINE

OM

College of Osteopathic Medicine

590. Special Problems in Osteopathic Medicine
Fall, Winter, Spring. Summer. 1 to 8 credits. May reenroll for a maximum of 35 credits. Approval of department.
Each student will work under direction of a faculty member on an experimental, theoretical or applied problem.

OSTEOPATHIC MEDICINE (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.

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, paternalism, confidentiality, biomedical research, and allocation of scarce resources.

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 disease 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 preceptship and appropriate systems biology clinical experiences.

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
Fall. 10 credits. ANT 563, PSL 500A, MPH 521, PTH 502, BCH 502, PHM 521.
A multidisciplinary approach to the nervous system providing a functional integration of basic science and clinical information.

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