580. Nursing Clinician Practicum I Winter. 5(3-6) N E 564, N E 540, ap-

proval of school.

Beginning skill development in physical assessment, interviewing, history taking and health assessment of adult and child. Limited clinical experience with selected patients.

Nursing Clinician Practicum II Spring. 5(2-9) NE 580, approval of

school.

Nursing management of clients in primary care. Health maintenance and health promotion. Single acute problems. Continuity of care. Longitudinal study of a family.

Nursing Clinician Practicum III 582.Summer. 5(2-9) N E 581, approval of

Management skills for clients in diminishedunstable and compensated-decompensated health states in primary care. Longitudinal study of a family.

583. Nursing Clinician Practicum IV

Fall. 5(2-9) NE 582, approval of

school,

Management skills for clients in depleteddecompensated and depleted-compensated health states in primary care. Longitudinal study of a family.

Special Problems 590.

Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 12 credits. Approval of instructor.

Individual or group in-depth study of specific areas in nursing. Independent study.

Selected Topics 595.

Fall, Winter, Spring. 2 to 6 credits. May reenroll for a maximum of 6 credits if different topics are selected. Approval of instruc-

Selected issues, trends, programs or theories in nursing.

899. Master's Thesis Research

(599.) Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 15 credits. NE 570, approval of instructor.

Clinical problem related to primary health care.

OBSTETRICS, GYNECOLOGY AND REPRODUCTIVE **BIOLOGY OGR**

College of Human Medicine

533. Introduction to Obstetrics and Gunecologu

Winter. I(1-0) Admission to a college of medicine or approval of department; HM 514 concurrently.

Normal physiology and endocrinology of menstrual cycle, conception, pregnancy, and labor. Diagnosis of high risk pregnancy.

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.

610.Gynecology Ambulatory Clinic

Fall, Winter, Spring, Summer. 4 to 16 credits. May reenroll for a maximum of 16 credits. H M 602.

Contraception, management of abnormal Papsmear, pregnancy and abortion counseling, and general office gynecology.

611.Case Studies in Obstetrics and Gynecology

Fall, Winter, Spring, Summer. 8 to 16 credits. May reenroll for a maximum of 16 credits. H M 602.

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

OSTEOPATHIC MEDICINE OM

College of Osteopathic Medicine

Clinical Science I 530.

Fall. 2(1-3) Admission to a college of medicine.

Fundamental concepts and skills essential to the performance of a clinical history and physical examination.

Clinical Science II 53IFall. 2(2-0)

Techniques, concepts and skills required for competent history taking and physical examina-tion utilizing lectures, laboratory and films for instructional purposes.

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 physexamination by actual performance of the involved techniques on patients under physician supervision.

533. Clinical Science IV

Spring. 1(0-3) Admission to a college of medicine or approval of department. Continuation of O M 532.

Clinical Science V 534.

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.

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.

Continuation of O M 535,

537. Clinical Science VIII

Spring, 1(0-3) Admission to a college of medicine.

Continuation of O M 536.

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.

600. Clinical Science Practicum

Fall, Winter, Spring, Summer. 2 to 12 credits. May reenroll for a maximum of 60 credits. Grade P in all courses offered in terms 1 through 8 or approval of department.

A clinic oriented course covering the major areas of medical practice including involvement in Family Practice and Community Health Serv-

620. Directed Studies

Fall, Winter, Spring, Summer. 2 to 24 credits. May reenroll for a maximum of 48 credits. Admission to a college of medicine or approval of department.

Individual or group work on special problems in medicine.

650. Medicine Clerkship

Fall, Winter, Spring, Summer. 2 to 24credits. May reenroll for a maximum of 24 credits. Grade P in all courses offered in terms 1 through 8 or approval of department.

Clinical exposure in osteopathic medicine. Program developed to achieve proficiency in motor skills and aptitudes; comprehension of concepts and principles; patient evaluation, diagnosis, management, and therapy.

651.Obstetrics--Gynecology Clerkship

Fall, Winter, Spring, Summer. 12 credits. Grade P in all courses offered in terms 1 through 8 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.

653. Surgery/Anesthesiology Clerkship

Fall, Winter, Spring, Summer. 8 credits. Grade P in all courses offered in terms 1 through 8 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.

654.Anesthesiology Clerkship

Fall, Winter, Spring, Summer. 4 credits. Grade P in all courses offered in terms I through 8 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.