

**Descriptions – Nursing  
of  
Courses**

**405. Nursing VII**

Spring, 10(3-21) N E 401.

Nursing of individuals and families with depleted health. Analysis of community health issues. Integration of theory and research from nursing and related sciences. Interdependent clinical practice within health care systems.

**407. Introduction to Nursing Research**

Spring, 2(2-0) N E 301 or concurrently, approval of college.

Lecture and independent activities are used to facilitate an understanding of the research process, terminology, and types of investigations undertaken in nursing. Findings relevant to practice are discussed.

**440. Clinical Problems in Adaptation I**

Fall, 5(5-0) ANT 316, PSL 240, PSL 241, MPH 234, PHM 350; approval of college. Theoretical concepts necessary to understanding of individual's adaptive-maladaptive responses to stress. Emphasis on pathophysiology.

**441. Clinical Problems in Adaptation II**

Winter, 5(5-0) N E 440.

Emphasis placed upon individual's adaptive-maladaptive responses. Use of clinical case presentations.

**490. Special Problems in Nursing**

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

Exploration of particular areas in nursing in greater depth and/or from a different perspective than possible within the limits of required courses.

**490H. Honors Work**

(400H.) Fall, Winter, Spring, Summer, 1 to 12 credits. Honors College students or approval of college.

**495. Selected Topics in Nursing**

Fall, Winter, Spring, Summer, 2 to 6 credits. May reenroll for a maximum of 6 credits if different topic is taken. Approval of college.

Allows exploration of unique issues in nursing. Topics to be selected from current issues.

**521. Evaluation of Health Services**

Spring, 2 to 4 credits. Approval of instructor. Interdepartmental with and administered by the Department of Community Health Science.

Use of experimental and quasi-experimental designs. Cost benefit and efficiency models. Assessment of health services delivery.

**540. Family Health Seminar for the Clinical Nurse Specialist**

(561.) Fall, 3(3-0) Majors or approval of instructor.

Conceptual frameworks of family. Assessment of family health behavior.

**541. Facilitating Patient Participation**

(552.) Winter, 2(2-0) N E 564 or approval of instructor.

Learning theories and methods to promote patient self care.

**543. Health and Adaptation of the Elderly**

Fall, 3(3-0) Baccalaureate degree in health science; approval of instructor. Interdepartmental with the Department of Community Health Science.

Health and adaptation of the aged individual experiencing the normative biophysiologic and psychodevelopmental changes related to the aging process.

**544. Aging, Environment, and Health: An Interactional Approach**

Winter, 3(3-0) Baccalaureate degree in health science; approval of instructor.

Quality and quantity of interaction between the aged and their environment as an index of the health status of the older individual.

**564. Primary Care Seminar I: Role of the Clinical Nurse Specialist**

(560.) Fall, 2(2-0) Approval of instructor.

Role of nurse in advanced practice. Dimensions of primary care within the health care system.

**565. Primary Care Seminar II: Interdisciplinary Team Functioning**

(550.) Winter, 2(2-0) Approval of instructor.

Theories of team functioning. Communication, consultation, collaboration, conflict and decision making. Role strategies.

**566. Primary Care Seminar III: Organizational Structure**

(562.) Fall, 3(3-0) N E 564, N E 565 or approval of instructor.

Organization of nursing in primary care.

**567. Primary Care Seminar IV: Health Care Policy**

(563.) Spring, 3(3-0) N E 564 or approval of instructor.

Policy influence on health care delivery systems.

**570. Nursing Theories and Conceptual Models**

Fall, 3(3-0) STT 421 or approval of instructor.

Issues, problems and processes of theory and concept development.

**580A. Clinical Nurse Specialist Practicum I**

(580.) Winter, 2(1-3) N E 564, approval of college.

Beginning skill development in physical assessment and interviewing, history taking.

**580B. Clinical Nurse Specialist Practicum I**

(580.) Spring, 3(1-6) N E 580A, approval of college.

Completion of physical examination and patient history, interpreting data. Health assessment of adult.

**581. Clinical Nurse Specialist Practicum II**

Fall, 5(2-9) N E 580B, CMS 521 or concurrently, approval of college.

Nursing management of clients in primary care. Focus on health maintenance, health promotion and self care. Single acute problems. Longitudinal study of a family.

**582. Clinical Nurse Specialist Practicum III**

Winter, 5(2-9) N E 581, approval of college.

Primary care management of clients with chronic health problems. Utilizes stress-adaptation framework. Longitudinal study of a family.

**583. Clinical Nurse Specialist Practicum IV**

Spring, 5(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 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.

**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.

**899. Master's Thesis Research**

(599.) 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.

**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 Pap smear, 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.

**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.

**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 of the patient. Includes preceptorship and appropriate systems biology clinical experiences.

**534. Comprehensive Patient Evaluation and Management I**

Fall, Summer. 2 to 6 credits. OST 533. Physical examination skills, diagnosis and patient management. Stresses comprehensive, osteopathic evaluation and management of the patient. Includes preceptor assignment and appropriate systems biology clinical experiences.

**535. Comprehensive Patient Evaluation and Management II**

Fall, Winter. 2 to 6 credits. OST 533. Continuation of OST 534.

**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**

Summer. 2 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 521B, PTH 502. A multidisciplinary approach to the integumentary system providing a functional integration of basic science and clinical information.

**553. Systems Biology - Nervous System**

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

**554. Systems Biology - Cardiovascular**

Fall. 15 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 521B, PTH 502. A multidisciplinary approach to the cardiovascular system providing functional integration of basic science and clinical information.

**555. Systems Biology - Respiratory**

Winter. 8 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 521B, PTH 502. A multidisciplinary approach to the respiratory system providing functional integration of basic science and clinical information.

**OSTEOPATHIC MEDICINE O M**

**College of Osteopathic Medicine**

**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. 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 48 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 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. 12 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.

**OSTEOPATHIC MEDICINE OST  
(COLLEGE OF)**

**500. Historical and Biological Foundations of Osteopathic Medicine**

Fall. 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, parentalism, 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**

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.