

**Descriptions — Nursing
of
Courses**

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.

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.

511. Women and Health in the U.S.
Winter. 3(3-0) Graduate students; advanced undergraduate students: approval of instructor.

Health status of women and women's roles as consumers and as providers of healthcare in the U.S. health care delivery system.

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

Conceptual frameworks of family. Assessment of family health behavior.

541. Facilitating Patient Participation
Winter. 3(3-0) 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 biophysiological 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.

545. Human Sexuality for Health Professionals
Spring. 3(3-0) FCE 445 or approval of instructor.

Focus on physiological and psychosocial components of sexual functioning, clinical assessment and diagnosis of common sexual problems and primary care treatment.

560. Primary Care Seminar I: Role of Clinical Nurse Specialist
Fall. 3(3-0) Admission to the graduate program or approval of instructor.

History of clinical nurse specialist role in primary care. Concepts of role including legal issues, future directions, and interdisciplinary functioning.

561. Primary Care II: Organization and Policy
Winter. 3(3-0) N E 560.

Organization of advanced nursing practice and primary care. Impact of technology and policy on health care delivery systems.

562. Primary Care Seminar III: Marketing and Strategies for Change
Spring. 3(3-0) Approval of instructor.

Managerial skills of Clinical Nurse Specialist in primary care. Adaptation to changing health care system. Influencing policies concerning primary care. Entrepreneurial and marketing methods for advanced nursing practice.

564. Primary Care Seminar I: Role of the Clinical Nurse Specialist
Fall. 2(2-0) Approval of instructor.

Role of nurse in advanced practice. Dimensions of primary care within the health care system. Approved through Fall 1988.

565. Primary Care Seminar II: Interdisciplinary Team Functioning
Winter. 2(2-0) Approval of instructor.

Theories of team functioning. Communication, consultation, collaboration, conflict and decision making. Role strategies. Approved through Fall 1988.

566. Primary Care Seminar III: Organizational Structure
Fall. 3(3-0) N E 564, N E 565 or approval of instructor.

Organization of nursing in primary care. Approved through Fall 1988.

567. Primary Care Seminar IV: Health Care Policy
Spring. 3(3-0) N E 564 or approval of instructor.

Policy influence on health care delivery systems. Approved through Fall 1988.

570. Nursing Theories and Conceptual Models
Fall. 3(3-0) Statistics course, research methods course or approval of instructor.

Issues, problems and processes of theory and concept development.

580A. Clinical Nurse Specialist Practicum I
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
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 564, N E 565, N E 570, N E 580B, CMS 521 or concurrently.

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
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. FMP 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 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. 8 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; evaluation of postpartum patient; management of gynecologic problems.

653. Surgery Clerkship

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

Clinical exposure in the area of anesthesiology. Motor skills; concepts and principles; patient evaluation, management, and therapy.

656. Orthopedics Clerkship

Fall, Winter, Spring, Summer. 6 to 8 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 to 8 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.

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 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.

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 preceptorship and appropriate systems biology clinical experiences.

552. Systems Biology - Integumentary

Summer. 2 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 521, PTH 502.

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, PTH 502, BCH 502, PHM 521, MPH 521.

A multidisciplinary approach to the nervous system providing a functional integration of basic science and clinical information.

554. Systems Biology - Cardiovascular

Spring. 15 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 521, PTH 502.

A multidisciplinary approach to the cardiovascular system providing functional integration of basic science and clinical information.

555. Systems Biology - Respiratory

Summer. 8 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 521, PTH 502.

A multidisciplinary approach to the respiratory system providing functional integration of basic science and clinical information.

556. Systems Biology - Urinary

Fall. 7 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 521, PTH 502.

A multidisciplinary approach to the urinary system providing functional integration of basic science and clinical information.

557. Systems Biology - Gastrointestinal

Winter. 13 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 520, PTH 502.

A multidisciplinary approach to the gastrointestinal system providing functional integration of basic science and clinical information.

558. Systems Biology - Growth and Development

Fall. 5 credits. ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PTH 502.

A multidisciplinary approach to growth and development within the field of pediatrics providing functional integration of biological, behavioral and clinical sciences.

559. Systems Biology - Reproductive

Fall. 7 credits. ANT 560, ANT 565; PSL 500A; MPH 521; BCH 502; PTH 502.

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

Summer. 6 credits. ANT 560, ANT 565; PSL 500A; MPH 521; BCH 502; PHM 521; PTH 502.

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.

610. Subspecialty Clerkship: Child Psychiatry

Fall, Winter, Spring, Summer. 4 to 16 credits. PSC 608. Interdepartmental with and administered by the Department of Psychiatry.

Subspecialty experiences in psychiatry in clinical settings with child patients and their families.

614. The Osteopathic Examination I

Winter, Spring. 1(0-4) OST 533 or approval of instructor.

Emphasizes continuing development of palpatory diagnostic skills, neuromusculoskeletal patient assessment, selection and utilization of appropriate osteopathic manipulative treatment.

615. The Osteopathic Examination II

Spring, Summer. 1(0-4) OST 614 or approval of instructor.

Introductory clinical course in the application of neuromusculoskeletal assessment, palpatory diagnosis and osteopathic manipulative treatment in ambulatory clinics.

616. The Osteopathic Examination III

Fall, Summer. 1(0-4) OST 615 or approval of instructor.

Introductory clinical course in the application of neuromusculoskeletal assessment, palpatory diagnosis and osteopathic manipulative treatment in the hospital setting.

**OSTEOPATHIC MEDICINE OST
(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.