

**Descriptions – Nursing
of
Courses**

408. Nursing Issues and Trends
(404.) Fall, Winter, Spring. 2(2-0)
Seniors.
Covers current issues; past present and future trends in nursing through lectures, seminars, group discussions, special projects.

440. Clinical Problems in Adaptation I
Fall, Summer. 5(5-0) PSL 241 and approval of school.
Homeostasis; range of physiological alterations to stress. Man's adaptive-maladaptive responses.

441. Clinical Problems in Adaptation II
Fall, Winter. 5(5-0) N E 440 and approval of school.
Continuation of N E 440.

490. Special Problems in Nursing
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 12 credits. Approval of school.
Exploration of certain 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. 2 to 6 credits. May reenroll for a maximum of 6 credits if different topic is taken. Approval of school.
Allows exploration of unique issues in nursing. Topics to be selected from current issues.

550. Interdisciplinary Health Care Seminar I
Fall. 2(2-0) Approval of school.
Discusses issues, problems and theories related to interdisciplinary cooperation, collaboration, conflict and negotiation. Analysis of situations in practice will be a part of course. Focus on nurse's role and relationships in interdisciplinary provided system.

551. Interdisciplinary Health Care Seminar II
Spring. 2(2-0) Approval of school.
Application of methods of using health care evaluation to bring about changes in health care practice. Concepts of change and evaluation will be an important component. Students will design a plan of change based on evaluation from clinic practice.

552. Interdisciplinary Health Care Seminar III
Summer. 2(2-0) Approval of school.
Application of analysis of the organizational components of family practice. Identification of components of third-party payer activities, data and information systems, and analysis of classification systems, as well as patient management protocols will be included.

560. Ambulatory Nursing Seminar I
Fall. 3(3-0) Approval of school.
Introductory principles of care in family practice setting. Assists nurse in beginning to identify and develop own specialty role in setting with focus on wellness and prevention of illness.

561. Ambulatory Nursing Seminar II
Winter. 3(3-0) N E 560.
Implications of illness on cognitive, psychosocial, cultural, emotional status of family. Importance of nursing role in family care is stressed. Beginning discussion of caseload determination, compliance and evaluation of care.

562. Ambulatory Nursing Seminar III
Spring. 3(3-0) Approval of school.
Nursing intervention and caseload management techniques. Development of referral to and utilization of other professionals, community agencies, secondary services. Emphasis on compliance and evaluation, interdisciplinary relationships.

563. Ambulatory Nursing Seminar IV
Summer. 3(3-0) Approval of school.
Theory and research development and application in ambulatory care. Patient education, change mechanisms, role identification and financial implications of clinical nursing in various ambulatory settings. Goal setting for complex problems and evaluation.

570. Research Methods for Nursing
Winter. 3(3-0) Statistics course and approval of school.
Identification of researchable clinical nursing problems, selection of appropriate methodology, tools, responsibility of the nurse clinician, use of results in clinical practice. Issues, problems and process of theory development, analysis of present state of theory development.

580. Nursing Clinician Practicum I
Fall. 5(1-12) N E 560 or concurrently, approval of school.
Beginning skill development in physical assessment, interviewing, history taking and health assessment of adult and child. Limited clinical experience with selected patients.

581. Nursing Clinician Practicum II
Winter. 4(1-9) N E 580.
More detailed family nurse clinician assessment of complex patients stressed. Integration of assessment data into therapeutic plan with beginning emphasis on education, compliance and evaluation. Joint planning done with other team members.

582. Nursing Clinician Practicum III
Spring. 4(1-9) N E 581.
Comprehensive management of complex patient caseload. Development of referral patterns, interdisciplinary functioning. Major focus on compliance and evaluation of care and peers. Identification of research and theory related to ambulatory care.

583. Nursing Clinician Practicum IV
Summer. 4(1-9) N E 582.
Comprehensive management of complex patient caseload. Identification and application of research and theory related to ambulatory care. Goal setting and evaluation of effectiveness of therapeutic plan. Delivery of care in variety of ambulatory settings.

590. Special Problems in Nursing
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 12 credits. Approval of school.
Allows exploration of certain areas and issues in nursing in greater depth and/or from different perspective than possible within limits of required courses.

595. Special Topics in Nursing
Fall, Winter, Spring. 2 to 6 credits. May reenroll for a maximum of 6 credits. Approval of school.
Allows exploration of unique issues in nursing and/or one health care system. Topics to be selected from current issues but not repeated more than once.

599. Research for Thesis
Fall, Winter, Spring. 1 to 3 credits. May reenroll for a maximum of 10 credits. Approval of school.
Thesis for completion of the master's degree in nursing. Must have a clinical orientation and must relate directly to the patient's disease process or the delivery of ambulatory care to the patient as it affects the management of the disease process. The research process must apply to nursing and solution of nursing problems and include the development of a theoretical rationale for selection of appropriate methodology.

**OBSTETRICS, GYNECOLOGY
AND REPRODUCTIVE
BIOLOGY OGR**

College of Human Medicine

533. Introduction to Obstetrics and Gynecology
Winter. 1(1-0) Admission to a college of medicine or approval of department; H M 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 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.

OSTEOPATHIC MEDICINE O M

College of Osteopathic Medicine

530. Clinical Science I
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.

531. Clinical Science II

Fall. 2(2-0)

Techniques, concepts and skills required for competent history taking and physical examination 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 physical examination 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.

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.

537. Clinical Science VIII

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

Continuation of O M 536.

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.

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 Services.

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 16 credits. May reenroll for a maximum of 16 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. 8 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.

652. Pediatrics Clerkship

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

Practical clinical exposure in the area of pediatrics. Program developed to achieve proficiency in motor skills and aptitudes; comprehension of concepts and principles; patient evaluation, diagnosis, management and therapy.

653. Surgery 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 1 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.

655. Emergency Medicine Clerkship

Fall, Winter, Spring, Summer. 4 credits. Grade P in all courses offered in terms 1 through 8 or approval of department.

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. 4 credits. Grade P in all courses offered in terms 1 through 8 or approval of department.

Clinical exposure in area of orthopedics. Program structure developed to achieve proficiency in motor skill, aptitudes; comprehension of concepts and principles; patient evaluation, diagnosis, management, and therapy.

657. Neurology Clerkship

Fall, Winter, Spring, Summer. 4 credits. Grade P in all courses offered in terms 1 through 8 or approval of department.

Clinical exposure in area of neurology. 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. 4 credits. Grade P in all courses offered in terms 1 through 8 or approval of department.

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 OST
(COLLEGE OF)**

500. Historical and Biological Foundations of Osteopathic Medicine

Summer. 2(3-0) Admission to a professional medical program.

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

520. Normal Endocrine Structure and Function

Winter. 2(2-0) PSL 500A, BCH 502 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.

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.

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

Summer. 2 to 6 credits. OST 533.

Interdepartmental course in 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. 2 to 6 credits. OST 533.

Continuation of OST 534.

536. Comprehensive Patient Evaluation and Management III

Winter. 2 to 6 credits. OST 533.

Continuation of OST 535.

537. Comprehensive Patient Evaluation and Management IV

Spring. 2 to 6 credits. OST 533.

Continuation of OST 536.