

**Descriptions — Nursing
of
Courses**

501. Clinical Nurse Specialist in Primary Care
Fall. 2(2-0)

R: Open only to graduate students in College of Nursing. Practice concepts, role characteristics, and definitions critical to implementation of clinical nurse specialist role in primary care.

503. Primary Care: Organizational Structures, Policy and Change
Spring. 2(2-0)

P: NUR 501. R: Open only to graduate students in College of Nursing. Health care organizations in primary care. Roles of federal and state government in health care policy and their influence on health care organizations.

505. Theoretical Foundations of Nursing
Fall. 2(2-0)

R: Open only to graduate students in College of Nursing and to R.N.s with approval of department. Analysis and evaluation of nursing theories and conceptual models.

507. Research Methods in Health Care
Spring. 3(3-0)

R: Open only to graduate students in College of Nursing. Basic statistics course or concurrently. Research methods commonly used in health research. Critique of applicability of research findings to practice.

509. Research Analysis in Health Care
Fall. 3(2-2)

P: NUR 507. Review and application of research analyses commonly used in health care.

511. Primary Care Clinical Therapeutics for Advanced Nursing Practice
Fall. 3(3-0)

R: Open only to graduate students in College of Nursing and to R.N.s with approval of department. Concepts of pharmacology and pathophysiology applied to common primary health care problems.

513. Advanced Independent Nursing Interventions
Spring. 3(3-0)

R: Open only to graduate students in College of Nursing and to R.N.s with approval of department. Concepts underlying advanced nursing interventions in primary care.

521. Family Health Seminar for the Clinical Nurse Specialist
Fall. 3(3-0)

R: Open only to graduate students in College of Nursing. Family health and role of the clinical nurse specialist. Reciprocal influences of the client-family system, the health care delivery system, and other social systems in family health.

522. Family Clinical Nurse Specialist Practicum I
Fall. 4(2-8)

P: NUR 500, NUR 503, NUR 505, NUR 511, NUR 513, NUR 521. R: Open only to graduate students in College of Nursing Family Clinical Nurse Specialist program. Health and uncomplicated health problems in primary care. Collaborative practice model.

524. Family Clinical Nurse Specialist Practicum II
Spring. 4(2-8)

P: NUR 522. R: Open only to graduate students in College of Nursing Family Clinical Nurse Specialist program. Complex health problems in primary care. Collaborative practice model.

531. Aging, Environment and Health
Fall. 3(3-0)

R: Open only to graduate students. Process of aging in context of family, the community, and contemporary American society. Impact on health status.

532. Gerontological Clinical Nurse Specialist Practicum I
Fall. 4(2-8)

P: NUR 500, NUR 503, NUR 505, NUR 511, NUR 513, NUR 531. R: Open only to graduate students in College of Nursing Gerontological Clinical Nurse Specialist program. Care of aged clients with stable health and function. Collaborative practice model in primary care.

534. Gerontological Clinical Nurse Specialist Practicum II
Spring. 4(2-8)

P: NUR 532. R: Open only to graduate students in College of Nursing Gerontological Clinical Nurse Specialist program. Care of aged clients with complex health problems and functional losses. Collaborative practice model in primary care.

541. Women and Health in the United States: A Sociological and Nursing Perspective
Spring. 3(3-0)

R: Open only to seniors and graduate students. Health status of contemporary women. Role of women as consumers and providers of health care. Health care delivery in the U.S.

543. Human Sexuality and Health
Spring. 3(3-0)

R: Open only to seniors and graduate students. Physiological and psychosocial components of sexual function. Clinical assessment and interventions for sexual problems common in primary care.

551. Impact of Chronic Illness on Young Children
Fall. 3(3-0)

R: Open only to seniors and graduate students. Impact of chronic illness on growth and development of children from infancy through early childhood. Family and individual intervention strategies.

590. Special Problems
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 24 credits in all enrollments for this course.

R: Open only to graduate students in College of Nursing. Approval of college. Individual or group in-depth study of specific areas in nursing. Independent study.

591. Selected Topics
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

R: Open only to graduate students in College of Nursing. Approval of college. Selected issues, trends, programs, or theories in nursing.

898. Master's Scholarly Project
Fall, Spring. 1 to 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

P: NUR 507. R: Approval of college. A planning, implementing, and evaluating project that addresses a significant clinical nursing problem relevant to primary care and advanced practice.

899. Master's Thesis Research
Fall, Spring. 1 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course.
P: NUR 507. R: Open only to graduate students in College of Nursing. Approval of college.

**OBSTETRICS,
GYNECOLOGY AND
REPRODUCTIVE BIOLOGY OGR**

**Department of Obstetrics,
Gynecology and Reproductive
Biology
College of Human Medicine**

608. Obstetrics and Gynecology Required Clerkship
Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

P: FMP 602. R: Open only to graduate-professional students in College of Human Medicine. Obstetrics and gynecology in inpatient and ambulatory settings. Clinical experiences, didactic sessions, hospital rounds discussions. Case writeups and presentations.

609. Advanced Obstetrics and Gynecology Clerkship
Fall, Spring, Summer. 4 to 6 credits.

P: OGR 608. R: Open only to graduate-professional students in College of Human Medicine. Additional exposure to obstetrics or gynecology in the preceptor mode. Participation in ambulatory and inpatient care including surgery. May include maternal and fetal medicine

610. Perinatology Clerkship
Fall, Spring, Summer. 4 to 6 credits.

P: OGR 608. R: Open only to graduate-professional students in College of Human Medicine. Additional exposure to high risk obstetrics including prenatal diagnosis and counseling, antepartum evaluation, and care of the high risk patient. Management of the intrapartum high risk patient.

611. Reproductive Endocrinology and Infertility Clerkship
Fall, Spring, Summer. 4 to 6 credits.

P: OGR 608. R: Open only to graduate-professional students in College of Human Medicine. Added exposure to clinical problems in reproductive endocrinology and female infertility primarily in ambulatory setting. Occasional participation in inpatient experiences. Assisted reproductive technologies.

612. Gynecologic Oncology Clerkship
Fall, Spring, Summer. 4 to 6 credits.

P: OGR 608. R: Open only to graduate-professional students in College of Human Medicine. Added clinical experience in inpatient and ambulatory gynecologic oncology, breast disease, and complicated benign gynecology in the preceptor mode. Pre-treatment evaluation and cancer management, including surgery.

637. Core Competencies III
Spring, Summer. 2 credits. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Human Medicine, Medicine, Pediatrics and Human Development, Family Practice, and Surgery. Administered by Human Medicine.

P: FMP 602. R: Open only to graduate-professional students in College of Human Medicine. A weekly seminar addressing core knowledge and skills from an interdisciplinary perspective.

640. Advanced Comprehensive Care
Fall, Spring, Summer. 6 credits. A student may earn a maximum of 18 credits in all enrollments for this course. Interdepartmental with Human Medicine, Pediatrics and Human Development, Medicine, and Family Practice. Administered by Human Medicine.
P: FMP 608, PHD 600, MED 608. R: Open only to graduate-professional students in College of Human Medicine.
Clinical experience in community-oriented primary care. Emphasis on urban and rural underserved populations.

OSTEOPATHIC MEDICINE OST

College of Osteopathic Medicine

501. Clinical Skills I
Fall. 3(1-4)
R: Graduate-professional students in College of Osteopathic Medicine.
Introduction to osteopathic physical examination.

502. Clinical Skills II
Spring. 3(1-4)
P: OST 501. R: Graduate-professional students in College of Osteopathic Medicine.
Continuation of OST 501.

504. Doctor/Patient Relationship I
Fall. 1(0-2)
R: Graduate-professional students in College of Osteopathic Medicine.
Basics of interpersonal communication related to physician interaction with patients.

505. Doctor/Patient Relationship II
Spring. 1(0-2)
P: OST 504. R: Graduate-professional students in College of Osteopathic Medicine.
Skills of interviewing patients for the purposes of gathering information, giving information, and patient motivation.

511. Systems Biology: Neuromusculoskeletal I
Summer. 7(5-4)
P: ANT 551, ANT 552, OST 501, OST 502, PSL 501. R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college.
A multidisciplinary approach to the peripheral neuromusculoskeletal system. Integration of basic science and clinical information with osteopathic manual medicine.

512. Systems Biology: Neuromusculoskeletal II
Fall. 6(4-4)
P: OST 511. R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college.
A multidisciplinary approach to the neuromusculoskeletal system. Emphasis on the central nervous system. Integration of basic science and clinical information with osteopathic manual medicine.

513. Systems Biology: Neuromusculoskeletal III
Spring. 5(3-4)
P: OST 512. R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college.
A multidisciplinary approach to the neuromusculoskeletal system. Emphasis on ophthalmology, rheumatology, and orthopedics. Integration of basic science and clinical information with osteopathic manual medicine.

516. Systems Biology: Behavior I
Fall. 3(3-0)
P: OST 511, PHM 563. R: Open only to graduate-professional students in College of Osteopathic Medicine.
A multidisciplinary approach to behavior. Focus on normal human development, behavioral and cultural medicine, and medical ethics.

517. Systems Biology: Behavior II
Spring. 2(2-0)
P: OST 516. R: Open only to graduate-professional students in College of Osteopathic Medicine.
A multidisciplinary approach to behavior. Focus on psychopathology, chronic illness and disability, health policy and terminal care.

518. Systems Biology: Behavior III
Summer. 2(2-0)
P: OST 517. R: Open only to graduate-professional students in College of Osteopathic Medicine.
A multidisciplinary approach to behavior. Focus on substance abuse and child abuse.

521. Systems Biology: Hematopoietic
Fall. 2(2-0)
P: ANT 551, ANT 563; BCH 521, MIC 522, PHM 563, PTH 542. R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college.
A multidisciplinary approach to the hematopoietic system. Emphasis on hematopoiesis, clotting, and hematopoietic pathologies. Integration of clinical and basic science information.

522. Systems Biology: Gastrointestinal
Fall. 6(6-0)
P: ANT 551, ANT 562, BCH 521, MIC 522, PHM 563, PSL 501, PTH 542. R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college.
A multidisciplinary approach to the gastrointestinal system emphasizing normal structure and function, and pathologies. Integration of basic science and clinical information.

523. Systems Biology: Genitourinary
Summer. 5(5-0)
P: ANT 551, ANT 562, MIC 522, PHM 563, PSL 501, PTH 542. R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college.
A multidisciplinary approach to the urinary system. Emphasis on normal structure and function, and pathologies, of the urinary and male reproductive systems. Integration of basic science and clinical information.

524. Systems Biology: Cardiovascular
Spring. 7(6-2)
P: ANT 551, ANT 553, BCH 551; MIC 522, PHM 563, PSL 551, PTH 542. R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college.
A multidisciplinary approach to the cardiovascular system emphasizing normal structure and function, and pathologies. Integration of basic science and clinical information.

525. Systems Biology: Respiratory
Spring. 5(4-2)
P: ANT 551, BCH 521, MIC 522, PHM 563, PSL 501. R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college.
A multidisciplinary approach to the respiratory system emphasizing normal structure and function, and pathologies. Integration of basic science and clinical information.

526. Systems Biology: Integumentary
Summer. 2(2-0)
P: ANT 551, ANT 562, MIC 522, PHM 563, PTH 542. R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college.
A multidisciplinary approach to the integumentary system. Emphasis on diagnosis and treatment of integumentary pathologies. Integration of basic science and clinical information.

527. Systems Biology: Female Reproductive
Summer. 5(5-0)
P: ANT 551, ANT 562, BCH 521, MIC 522, PHM 563, PSL 501. R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college.
A multidisciplinary approach to the female reproductive system emphasizing normal structure and function, and pathologies. Integration of basic science and clinical information in obstetrics and gynecology.

528. Systems Biology: Growth and Development
Summer. 3(3-0)
P: ANT 551, ANT 562, BCH 521, MIC 522, PHM 563, PSL 501; C: OST 546. R: Open only to graduate-professional students in College of Osteopathic Medicine.
A multidisciplinary approach to growth and development. Emphasis on normal structure and function, and pathologies. Integration of basic science and clinical information.

529. Systems Biology: Endocrinology
Fall. 2(2-0)
P: PSL 501; ANT 553; BCH 551. R: Open only to graduate professional students in College of Osteopathic Medicine. Approval of college.
A multidisciplinary approach to endocrinology. Emphasis on normal endocrine function and the principles of diagnosis and treatment of endocrine disorders. Integration of basic science and clinical information.

535. Principles of Gerontology for Medical Practice
Spring. 3(3-0)
R: Open only to graduate-professional students in the Colleges of Osteopathic and Human Medicine or approval of department.
Lectures, readings, tapes, small group seminars, and home visits related to normal aging epidemiology. Major chronic diseases and other issues of geriatric care. SA: CMS 522

541. Integrative Clinical Correlations I
Fall. 1(0-2)
R: Graduate-professional students in College of Osteopathic Medicine.
Application of basic science information, problem-solving, and clinical skills in an integrated clinical case format. Case presentations by students and faculty.

542. Integrative Clinical Correlations II
Spring. 1(9-2)
P: OST 541.
Application of basic science information, problem-solving, and clinical skills in an integrated clinical case format. Case presentations by students and faculty.

543. Integrative Clinical Correlations III
Summer. 1(0-2)
P: OST 542.
Application of basic science information, problem-solving, and clinical skills in an integrated clinical case format. Case presentations by students and faculty.

544. Integrative Clinical Correlations IV
Fall. 1(0-2)
P: OST 543. R: Approval of college.
Application of systems biology information, problem-solving, and clinical skills in an integrated clinical case format. Case presentations by students and faculty.