

NURSING

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.
 QA: NE 570

507*. **Research Methods in Health Care**
 Spring. 3(3-0)
 P: NUR 505. 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.
 QP: NE 570 QA: CEP 803

509*. **Research Analysis in Health Care**
 Fall. 3(2-2)
 P: NUR 507.
 Review and application of research analyses commonly used in health care.
 QP: CEP 803 QA: FMP 530

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.
 QA: NE 541

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.
 QA: NE 540

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.
 QP: NE 560 NE 561NE 540NE 580ANE 580B
 QA: NE 581 NE 582

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.
 QP: NE 581 NE 582 QA: NE 582 NE 583

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.
 QA: NE 543 NE 544

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.
 QP: NE 560 NE 561NE 543NE 544NE 580
 QA: NE 581 NE 582

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.
 QP: NE 581 NE 582 QA: NE 582 NE 583

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.
 QA: NE 511

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.
 QA: NE 545

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.
 QA: NE 520

590*. **Special Problems**
 Fall, Spring. 1 to 4 credits. May reenroll for a maximum of 12 credits.
 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.
 QA: NE 590

591*. **Selected Topics**
 Fall, Spring. 1 to 4 credits. May reenroll for a maximum of 12 credits.
 R: Open only to graduate students in College of Nursing. Approval of college.
 Selected issues, trends, programs, or theories in nursing.
 QA: NE 595

899*. **Master's Thesis Research**
 Fall, Spring. 1 to 6 credits. May reenroll for a maximum of 12 credits.
 R: Open only to graduate students in College of Nursing. Approval of college.
 QA: NE 899

OBSTETRICS, GYNECOLOGY AND REPRODUCTIVE

OGR

608*. **Obstetrics and Gynecology Required Clerkship**

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.
 QP: FMP 60 QA: OGR 608

609*. **Advanced Obstetrics and Gynecology Clerkship**
 Fall, Spring, Summer. 6(-)
 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
 QP: OGR 608 QA: OGR 609

610*. **Perinatology Clerkship**
 Fall, Spring, Summer. 6(-)
 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.
 QP: OGR 608 QA: OGR609

611*. **Reproductive Endocrinology and Infertility Clerkship**
 Fall, Spring, Summer. 6(-)
 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.
 QP: OGR 608 QA: OGR 609

612*. **Gynecologic Oncology Clerkship**
 Fall, Spring, Summer. 6(-)
 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.
 QP: OGR 608 QA: OGR 609

OSTEOPATHIC MEDICINE

OM

590*. **Special Problems**
 Fall, Spring, Summer. 1 to 8 credits. May reenroll for a maximum of 8 credits.
 R: Open only to graduate-professional students in the College of Osteopathic Medicine. Approval of department.
 Each student works under faculty direction on an experimental, theoretical, or applied problem.
 QA: OM 590

OSTEOPATHIC MEDICINE

620* Directed Studies
 Fall, Spring, Summer. 2 to 30 credits in increments of 2 credits. May reenroll for a maximum of 30 credits.
 R: Open only to graduate-professional students in the College of Osteopathic Medicine. Units I and II.
 Individual or group work on special problems in medicine.
 QA: OM 620

651* Obstetrics and Gynecology Clerkship
 Fall, Spring, Summer. 2 to 8 credits in increments of 2 credits. May reenroll for a maximum of 8 credits.
 R: Open only to graduate-professional students in the College of Osteopathic Medicine. Units I and II.
 Obstetric patient evaluation and management: motor skills, aptitudes, evaluation of postpartum patient and management of gynecologic problems.
 QA: OM 651

653* Surgery Clerkship
 Fall, Spring, Summer. 2 to 8 credits in increments of 2 credits. May reenroll for a maximum of 8 credits.
 R: Open only to graduate-professional students in the College of Osteopathic Medicine. Units I and II.
 Surgical diagnosis, management, and treatment. Structure developed to achieve proficiency in motor skills, aptitudes, comprehension of concepts and principles, patient evaluation, diagnosis, management, therapy.
 QA: OM 653

654* Anesthesiology Clerkship
 Fall, Spring, Summer. 2 to 4 credits in increments of 2 credits. May reenroll for a maximum of 4 credits.
 R: Open only to graduate-professional students in the College of Osteopathic Medicine. Units I and II.
 Motor skills, concepts and principles, patient evaluation, management and therapy.
 QA: OM 654

656* Orthopedic Clerkship
 Fall, Spring, Summer. 4 to 10 credits in increments of 2 credits. May reenroll for a maximum of 30 credits.
 R: Open only to graduate-professional students in the College of Osteopathic Medicine. Units I and II.
 Program developed to achieve proficiency in motor skills, aptitudes, comprehension of concepts and principles, patient evaluation, diagnosis, management, and therapy.
 QA: OM 656

658* Otorhinolaryngology Clerkship
 Fall, Spring, Summer. 4 to 10 credits in increments of 2 credits. May reenroll for a maximum of 30 credits.
 R: Open only to graduate-professional students in the College of Osteopathic Medicine. Units I and II.
 Develop proficiency in motor skills, aptitudes, comprehension of concepts and principles, patient evaluation, diagnosis, management, and therapy.
 QA: OM 658

OSTEOPATHIC MEDICINE OST

501. Clinical Skills I
 Fall. 3(01-04)
 R: Graduate-professional students in College of Osteopathic Medicine.
 Introduction to osteopathic physical examination.
 QP: OST 530OST 531

502. Clinical Skills II
 Spring. 3(01-04)
 P: OST 501 R: Graduate-professional students in College of Osteopathic Medicine.
 Continuation of OST 501.
 QP: OST 531

504. Doctor/Patient Relationship I
 Fall. 1(00-02)
 R: Graduate-professional students in College of Osteopathic Medicine.
 Basics of interpersonal communication related to physician interaction with patients.
 QP: OST 530OST 531

505. Doctor/Patient Relationship II
 Spring. 1(00-02)
 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.
 QP: OST 531OST 532

511*. Systems Biology: Neuromusculoskeletal I
 Summer. 8(05-06)
 P: ANT; PSL; OST; PTH; CMS R: GRAD.
PROFESS. STUD. IN COLLEGE OF OSTEOPATHIC MEDICINE
 A multidisciplinary approach to the neuromusculoskeletal system providing functional integration of basic science and clinical information along with osteopathic manual medicine.

512*. Systems Biology: Neuromusculoskeletal II
 Fall. 6(04-02)
 P: OST 511 R: College of Osteopathic Medicine students only
 A multidisciplinary approach to the neuromusculoskeletal system providing functional integration of basic science and clinical information along with osteopathic manual medicine.
 QA: OST 560 OST 553 OST 614 OST 615 OST 616

513*. Systems Biology: Neuromusculoskeletal III
 Spring. 5(04-01)
 P: OST 512 R: College of Osteopathic Medicine students only
 Multidisciplinary approach to the neuromusculoskeletal system providing functional integration of basic science and clinical information along with osteopathic manual medicine.
 QA: OST 560 OST 553 OST 614 OST 614 OST 616

516*. Systems Biology: Behavioral I
 Fall. 3(03-00)
 P: ANT 552; OST 501; OST 511, PHM 563 R: College of Osteopathic Medicine students only
 A multidisciplinary approach to behavior function on normal human development, behavioral and cultural medicine, and chronic illness and disability.
 QA: PST 520

517*. Systems Biology: Behavioral II
 Spring. 3(03-00)
 P: ANT 552; OST 501, 502, 511, 516; PHM 563 R: College of Osteopathic Medicine students only
 A multidisciplinary approach to behavior with focus on psychopathology and substance abuse.
 QP: PSC 520 QA: PSC 521 PED 580

521*. Systems Biology: Hematopoietic
 Fall. 2(02-00)
 P: BCH 521; MPH 522; ANT 551, 563; PTH 542; PHM 563 R: College of Osteopathic Medicine students only
 A multidisciplinary course to the hematopoietic system providing functional integration of the clinical and basic science information.
 QA: PTH 540 OST 554

522*. Systems Biology: Gastrointestinal
 Fall. 6(06-00)
 P: ANT 551, 562; PSL 501; MPH 522; BCH 521; PHM 563; PTH 542 C: Integrative Clinical Correlations IV R: College of Osteopathic Medicine students only
 A multidisciplinary approach to the gastrointestinal system providing functional integration of basic science and clinical information.
 QP: ANT 560 ANT 565PSL 500AMPH 521BCH 502 QA: OST 557

523*. Systems Biology: Genitourinary
 Fall. 6(05-02)
 P: ANT 551, 562; PSL 501; MPH 522; PTH 542; PHM 563 C: Integrative Clinical Correlations IV R: College of Osteopathic Medicine students only
 A multidisciplinary approach to the urinary system providing functional integration of basic science and clinical information.
 QP: ANT 560 ANT 565PSL 500AMPH 521BCH 502 QA: OST 556

526*. Systems Biology: Integumentary
 Summer. 2(02-00)
 P: ANT 551, 562; MPH 522; PTH 542; PHM 563 R: College of Osteopathic Medicine students only
 A multidisciplinary approach to the integumentary system providing a functional integration of basic science and clinical information.
 QP: ANT 560 ANT 565PSL 500AMPH 521BCH 502 QA: OST 552

527*. Systems Biology: Reproductive
 Summer. 7(07-00)
 P: ANT 551, 562; PSL 501; BCH 521; MPH 522; PHM 563 C: Integrative Clinical Correlations IV R: College of Osteopathic Medicine students only
 A multidisciplinary approach to the female reproductive system providing functional integration of basic science and clinical information in obstetrics and gynecology.
 QP: ANT 560 ANT 565PSL 500AMPH 521BCH 502 QA: OST 559

531*. Systems Biology: Endocrinology
 Fall. 2(02-00)
 P: PSL 501; ANT 553; BCH 551 R: College of Osteopathic Medicine students only
 A multidisciplinary approach to endocrinology providing functional integration of basic science and principles of clinical diagnosis and treatment.
 QA: OST 520

541. Integrative Clinical Correlations I
 Fall. 1(00-02)
 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(00-02)
 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(00-02)
 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.