

**Descriptions—Nursing
of
Courses**

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 561, NE 540, NE 580A, NE 580B, NE 570 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 561, NE 543, NE 544, NE 580, NE 580B, NE 570 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. 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.
QA: NE 590

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.
QA: NE 595

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.

QA: NE 899

**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.
QP: FMP 60 QA: OGR 608

609. Advanced Obstetrics and Gynecology Clerkship
Fall, Spring, Summer. 4 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
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. 4 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
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: OGR 609

611. Reproductive Endocrinology and Infertility Clerkship
Fall, Spring, Summer. 4 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
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. 4 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
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

**Department of Osteopathic
Medicine
College of Osteopathic Medicine**

590. Special Problems
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 48 credits in all enrollments for this course.
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

620. Directed Studies
Fall, Spring, Summer. 1 to 30 credits. A student may earn a maximum of 48 credits in all enrollments for this course.
R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.
Individual or group work on special problems in medicine.
QA: OM 620

651. Obstetrics and Gynecology Clerkship
Fall, Spring, Summer. 1 to 9 credits. A student may earn a maximum of 9 credits in all enrollments for this course.
R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of 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. 1 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course.
R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of 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. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course.
R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.
Motor skills, concepts and principles, patient evaluation, management and therapy.
QA: OM 654

656. Orthopedic Clerkship
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course.
R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of 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. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course.
R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.
Develop proficiency in motor skills, aptitudes, comprehension of concepts and principles, patient evaluation, diagnosis, management, and therapy.
QA: OM 658

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.
QA: PSC 520

517. Systems Biology: Behavior II
Spring. 3(3-0)
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.
QP: PSC 520 QA: PSC 521, PED 580

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.
QA: CMS 513

521. Systems Biology: Hematopoietic
Fall. 2(2-0)
P: ANT 551, ANT 563; BCH 521, MPH 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.
QA: PTH 540, OST 554

522. Systems Biology: Gastrointestinal
Fall. 6(6-0)
P: ANT 551, ANT 562, BCH 521, MPH 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.
QP: ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 520, PTH 502 QA: OST 557

523. Systems Biology: Genitourinary
Summer. 5(5-0)
P: ANT 551, ANT 562, MPH 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.
QP: ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 521, PTH 502 QA: OST 556

524. Systems Biology: Cardiovascular
Spring. 7(6-2)
P: ANT 551, ANT 553, BCH 551; MPH 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.
QA: OST 554

525. Systems Biology: Respiratory
Spring. 5(4-2)
P: ANT 551, BCH 521, MPH 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.
QP: ANT 565, PSL 500A, MPH 521, BCH 502, PHM 520, PTH 502, RAD 525 QA: OST 555

526. Systems Biology: Integumentary
Summer. 2(2-0)
P: ANT 551, ANT 562, MPH 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.
QP: ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PHM 521, PTH 502 QA: OST 552

527. Systems Biology: Female Reproductive
Summer. 5(5-0)
P: ANT 551, ANT 562, BCH 521, MPH 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.
QP: ANT 560, ANT 565, PSL 500A, MPH 521, BCH 502, PTH 502 QA: OST 559

528. Systems Biology: Growth and Development
Summer. 2(2-0)
P: ANT 551, ANT 562, BCH 521, MPH 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.
QP: ANT 590, ANT 565, MPH 521, BCH 502 QA: OST 558

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.
QA: OST 520

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(0-2)
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.

545. Integrative Clinical Correlations V
Spring. 1(0-2)
P: OST 544. 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.

546. Integrative Clinical Correlations VI
Summer. 1(0-2)
P: OST 545. 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.

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.
QP: OST 5300, ST 531

502. Clinical Skills II
Spring. 3(1-4)
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(0-2)
R: Graduate-professional students in College of Osteopathic Medicine.
Basics of interpersonal communication related to physician interaction with patients.
QP: OST 5300, ST 531

505. Doctor/Patient Relationship II
Spring. 1(0-12)
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 5310, ST 532

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.
QA: OST 560, OST 553, OST 614, OST 615, OST 616

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.
Multidisciplinary approach to the neuromusculoskeletal system. Emphasis on ophthalmology, rheumatology, and orthopedics. Integration of basic science and clinical information with osteopathic manual medicine.
QA: OST 560, OST 553, OST 614, OST 616