

831. Primary Care Management of Older Adults I

Summer. 3(3-0) P: (NUR 801 and NUR 803 and NUR 807 and NUR 809 and NUR 811 and NUR 830)

Principles and issues of health care management for gerontological advanced practice nurses in primary care. Research based biological, pharmacological, and psychosocial factors and theories of aging. Health promotion. Evaluation, coordination, and treatment of infectious states. Care of chronic, stable conditions. Common age changes and social networks. Professional, legal, ethical, and political issues impacting the role of advanced practice nurses in primary care.

SA: NUR 532

832. Practicum I: Primary Care for Older Adults

Fall. 6(0-18) P: (NUR 813 and NUR 831)

Integration of assessment and applied theory in primary care management of older clients from a variety of ethnic and cultural groups. Collaborative model of primary care practice. Evaluation and treatment of infectious states. Care of chronic, stable conditions. Practice issues including the ethical, legal, and political aspects of the role of advanced practice nurses.

SA: NUR 532

833. Primary Care Management of Older Adults II

Fall. 2(2-0) P: (NUR 813 and NUR 831)

Principles and issues of health care management for gerontological advanced practice nurses in primary care. Management of the older client with complex health problems and functional losses. Research based biological, pharmacological, and psychosocial theories of aging. Coordination of care involving multiple health care agencies.

SA: NUR 534

834. Practicum II: Primary Care for Older Adults

Spring. 7(0-21) P: (NUR 832 and NUR 833)

Integration of assessment and applied theory in primary care management of older clients from a variety of ethnic and cultural groups. Health care management of clients with complex health problems and functional losses. Collaborative model of primary care practice. Development and evaluation of long term management plans. Coordinating care involving multiple agencies.

SA: NUR 534

841. Contemporary Issues Impacting Advanced Practice Nursing

Spring. 2(2-0) P: (NUR 822 and NUR 823) or (NUR 832 and NUR 833)

Economic, political, and organizational issues affecting day to day advanced practice nursing. Organizational systems and approaches directly impacting advanced practice nursing. Transition into the role of advanced practice nurses.

SA: NUR 503

843. Human Sexuality and Health

Spring. 3(3-0) R: Open only to seniors or graduate students.

Physiological and psychosocial components of sexual function. Clinical assessment and interventions for sexual problems common in primary care.

845. Women and Health in the United States: A Sociological and Nursing Perspective

Spring. 3(3-0) R: Open only to seniors or graduate students.

Health status of contemporary women. Role of women as consumers and providers of health care. Health care delivery in the U.S.

SA: NUR 541

890. 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 master's students in the College of Nursing or approval of college.

Individual or group in-depth study of specific areas in nursing. Independent study.

SA: NUR 590

891. 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 master's students in the College of Nursing or approval of college.

Selected issues, trends, programs, or theories in nursing.

SA: NUR 591

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:NM: 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.

Approved through Spring semester 2001

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 811) R: Open only to master's students in the College of Nursing. Approval of college.

901. Knowledge Development in Nursing

Spring. 3(3-0) R: Open only to doctoral students in the College of Nursing or approval of college.

Development and growth of substantive knowledge within nursing. Middle range theories. Strategies for concept development and theory testing in nursing research for understanding health status and health outcomes for individuals, families and community-based primary care.

910. Health Status Outcomes: The Individual and Family

Fall. 3(3-0) R: Open to all doctoral students or approval of college

Measurement and conceptual underpinnings of health status outcomes for individuals and families across the life span. Focus on well-being in health and illness within community based primary care.

911. Health Status Outcomes: Community/Primary Care

Spring. 3(3-0) R: Open to all doctoral students or approval of college.

Measurement of health status outcomes for populations across the life span within the community based primary care systems. This includes measurement and evaluation issues related to the costs of intervention to impact outcomes.

920. Translation of Research and Scientific Knowledge to a Community Setting

Spring. 3(2-3) R: Open only to doctoral students in the College of Nursing or approval of college.

The systematic application of scientific knowledge to inform clinical practice, policy and delivery system changes to enhance the health status and health outcomes of community populations. Translation strategies include dissemination, networking, program development and evaluation. Opportunities for translation will occur in primary health care, organizational and governmental systems.

930. Methods In Clinical Research

Fall. 3(2-3) R: Open to all doctoral students or approval of college.

Advanced research designs, measurement and data collection strategies. Draws on a broad range of behavioral and health disciplines relevant to nursing. Logic of statistical models used in the evaluation of research designs and measures.

940. Research Practicum

Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open only to doctoral students in the College of Nursing or approval of college.

Practical experiences as a researcher through participation in ongoing research of nursing faculty and as a member of an interdisciplinary research team.

999. Doctoral Dissertation Research

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 doctoral students in the College of Nursing or approval of college.

Original research of student under supervision of major advisor.

**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 write-ups and presentations.

Descriptions—Obstetrics, Gynecology, and Reproductive Biology of Courses

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.

633. Extended Clinical Experience

Fall, Spring, Summer. 6(6-0) P: (OGR 608)

Based in community hospitals and ambulatory sites, this is a 4 week clinical experience emphasizing interviewing skills, history, physical exam, problem solving and therapy.

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; Family Practice; Medicine; Pediatrics and Human Development; 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.

OSTEOPATHIC MANIPULATIVE MEDICINE

OMM

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

590. Special Problems in Biomechanics

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 and 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.

SA: BIM 590

601. Osteopathic Manipulative Medicine 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.

Advanced training in the diagnosis of musculoskeletal dysfunction and application of osteopathic manipulative techniques.

SA: BIM 601

620. Directed Studies

Fall, Spring, Summer. 1 to 30 credits. A student may earn a maximum of 30 credits in all enrollments for this course.

Individual or group work on special problems related primarily to the biomechanics of the musculoskeletal system.

SA: BIM 620

800. Special Topics

Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course.

Directed study in topics of biomechanics.

SA: BIM 800

830. Biomechanical Analysis of Physical Activity

Fall. 3(2-2) Interdepartmental with Kinesiology; Medicine; Obstetrics, Gynecology and Reproductive Biology; Pediatrics and Human Development; and Surgery. Administered by Kinesiology.

Kinematic analysis of mechanical and anatomical characteristics in physical activity and sport skills.

SA: BIM 830, PES 830

831. Advanced Biomechanics of Physical Activity

Spring of even years. 3(2-2) Interdepartmental with Kinesiology; Medicine; Obstetrics, Gynecology and Reproductive Biology; Pediatrics and Human Development; and Surgery. Administered by Kinesiology. P: PES 830.

Kinetic analyses of the performance of physical activity and sport.

SA: BIM 831, PES 831

841. Theory of Neuromuscular Mechanics

Fall of even years. 2(2-0)

Neurological control of joint mechanics.

SA: BIM 841

861. Clinical Biomechanics

Spring of odd years. 3(3-0)

Application of biomechanics to medicine.

SA: BIM 861

890. Independent Study

Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 22 credits in all enrollments for this course. R: Approval of department.

Individual or group work related to biomechanics and/or neuromuscular system.

SA: BIM 890

899. Master's Thesis Research

Fall, Spring, Summer. 0(2-2) A student may earn a maximum of 25 credits in all enrollments for this course.

SA: BIM 899

930. Current Issues in Biomechanical Aspects of Physical Activity

Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. Interdepartmental with Kinesiology. P: PES 830.

Selected issues of biomechanical analyses of sport and physical activity.

SA: BIM 930, PES 930

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.