

690 Special Topics in the Health Professions (1-3) Independent study of a topic relevant to the health professions that is not otherwise covered in the curriculum. Prereq: Consent of the Health Services program director.

Nursing

570 Special Topics in Nursing (1-3) This course studies special topics in nursing and health care.

574 Perioperative Nursing (3) This course explores the advanced role of the perioperative nurse focusing primarily on intraoperative nursing care which includes traditional, endoscopic, and laser surgical procedures in specialty areas and same-day surgery preparation and post-anesthesia care. Critical thinking and decision-making skills in perioperative nursing will be enhanced through client teaching, management, and clinical research topics.

576 Cardiovascular Surgical Nursing (3) This course integrates advanced knowledge and research concerning the care of patients undergoing cardiac surgery for the professional critical care nurse. The course focus is on innovative management of cardiac surgery patients and critical thinking skills with emphasis on the collaborative role of nurses as they participate in the care of the critically ill cardiac surgery patient.

578 Rehabilitation Nursing (3) This course examines the scope of professional nursing practice in rehabilitation nursing. Emphasis on the diagnosis and treatment of individual and group responses to actual and potential health problems resulting from altered functional ability and altered lifestyle.

582 Oncology Nursing (3) This course examines the advanced knowledge of adult oncology nursing including the dimensions of prevention and early detection, diagnosis, treatment, palliation, rehabilitation, and survivorship are studied with diagnostic evaluation, classification, staging, and various treatment modalities for a selected range of malignancies.

612 Advanced Nursing Research (3) This course examines the significance of research to nursing and provides a foundation for conducting research. Quantitative and qualitative methodologies are included. Students critique published research on a selected topic through a review of the literature. Working within small groups or individually, students critique the evidence base for standards of practice. Pre-req: NURS 613 or taken concurrently. F

613 Theoretical Basis for Advanced Practice Nursing (3) This course is an introduction to the application of theory in nursing research and practice. Studies include philosophy and methods, pioneers in nursing theory, and selected non-nursing theories related to nursing practice and the nursing profession. F

614 Advanced Practice Nursing and Health Care Issues (3) This course examines issues relevant to advanced practice nursing and the health care delivery system including advanced practice roles, legal aspects of practice, scope of practice, credentialing, concepts of authority, power, and leadership, ethical aspects of practice, cultural sensitivity, continuous quality improvement, economics of health care delivery, legislative and policy-making activities, and allocation of health care resources. Sp, Su

615 Advanced Nursing Research II (3) Synthesis of scholarly concepts in nursing practice. Options include designing a research study or developing and implementing an innovative scholarly project. Projects may include participation in nursing research or other faculty-student directed activities. Prereq: NURS 612 and NURS 613. Sp

616 Management of the Client in the Health Care Systems (3) This course examines organizational behavior and role competencies related to advanced practice nursing in health care including managed care, case management, integrated care systems, professional leadership, change theory, conflict theory, practice management, and computer literacy. Emphasis will be placed on the different health care environments currently utilizing advanced practice nurses. Sp, Su

617 Advanced Concepts of Pathophysiology (3) This course explores the physiological and pathological base for the advanced practice nurse to provide care to children and adults with acute and/or chronic illness. Examines theories and concepts relevant to pathophysiologic processes. F, Su

618 Advanced Health Assessment for Advanced Practice Nurses (3) This course provides didactic instruction and clinical practice in physical assessment, developmental screening, history taking, nursing, and medical diagnosis. Teaching methods include lecture, independent study, laboratory, and clinical practice. Prereq: NURS 622. Su

621 Clinical Pharmacology for Nurse Educators (3) This course is designed to provide the graduate nursing education student with knowledge of pharmacological agents and herbal therapies used in the treatment of adults, adolescents, and young children. Emphasis is placed on indications, mechanism of action, adverse reactions, patient teaching, and appropriate dosages of drugs. Through the use of a variety of instructional methods, this course prepares students to implement, monitor, and evaluate effective patient pharmacological therapy. Prereq: NURS 617. F

622 Clinical Pharmacology for Advanced Practice Nurses (3) This course is designed to provide the advanced practice nursing student with knowledge of pharmacological agents and herbal therapies used in the treatment of adults, adolescents, and young children. Emphasis is placed on indications, mechanisms of actions, prescriptive drug protocols, adverse reactions, and appropriate dosages. Through the use of a variety of instructional methods, this course prepares students to design, implement, monitor, and alter effective patient pharmacological therapy. Prereq: NURS 617. Sp

624 Economic Policies in Nursing and Health Care (3) This course applies economic theories and analytic techniques to resource allocation in nursing and health care is discussed. Skill development to analyze health care issues from an economic perspective will be emphasized including three fundamental observations of the world that 1) resources are scarce relative to wants; 2) resources have alternative uses making choice (rationing) necessary and inevitable; and 3) there are significant variations in the relative importance that people attach to wants, making unique solutions unlikely. Sp

625 Marketing and Competitive Strategies in Nursing and Health Care (3) This course explores concepts of marketing and competitive strategies are applied to nursing and health care organizations. Emphasis is placed on methodologies for developing nursing and organizational strategic marketing plans. Su

627 Nursing Informatics (3) This course examines concepts and issues surrounding technology and information management are presented. Factors that influence information technology, database management, and information systems will be analyzed. Su

628 Advanced Health Assessment for Nurse Educators (3) This course provides didactic instruction and clinical practice in history taking and physical assessment with a focus on enhancing assessment skills required by nurse educators. Teaching methods include lecture, independent study, laboratory, and clinical practice. Prereq: NURS 621. Sp

631 Individual and Group Behavior in Nursing and Health Care Organizations (3) This course presents organizational behavior theories and effective management strategies to lead individuals and groups in health care organizations. Traditional and contemporary issues including power, conflict resolution, organizational development, decision-making and group dynamics will be discussed. F

632 Administration of Nursing and Health Care Organizations (3) This course examines and applies administrative theories to complex human relationships existing in nursing and health care. The course focuses on the nature and make up of organizations, structuring and coordinating work, and the influence of complex systems, community behavior, and internal leadership on the direction and decision-making capacity of health care organizations. F

633 Human Resources Management in Nursing and Health Care (3) This course explores concepts in human resources management as applied to nursing and health care organizations will be presented. Specific labor management issues related to nursing and health care organizations also will be incorporated. Sp

634 Financial Management in Nursing and Health Care Organizations (3) This course applies principles of financial management and reimbursement to nursing and health care organizations. Strategic financial planning, financial statement analysis, budgeting, and financial decision making strategies are presented. Prereq: completion of NURS 624 preferred. F

635 Business of Nursing (3) This course synthesizes the nurse leader/manager role in the organization through the completion of a major project is the focus of this course. Each student will assume the lead role in the development, implementation, and evaluation of an administrative/management project. Prereq: NURS 634. Sp

634 Primary Care Nursing of Families I (6) This course focuses on the clinical management of the health/illness status of children, adults, and elders within a family framework. Includes theoretical concepts related to individual development and family function. The clinical focus is on the role of the nurse practitioner in primary care management including health promotion, illness prevention, assessment, treatments for acute and chronic illnesses, and education. Emphasizes role development, including interdependent and independent practices. Prereq: NURS 613, NURS 614, NURS 617, NURS 618, and NURS 622. F

655 Primary Care Nursing of Families II (6) This course continues to expand the clinical management of children, adults, and elders within a family framework. Includes theoretical concepts related to the management of families with acute or chronic health care crises. The clinical focus is on the role of the nurse practitioner in primary care management including health promotion, illness prevention, assessment, treatments for acute and chronic illnesses, and education. Emphasizes role development, including interdependent and independent practices. Prereq: NURS 654. Sp

656 Family Nurse Practitioner Practicum (6) This course provides an intensive clinical experience in the family nurse practitioner role. Selected preceptorships are designed to maximize individual student learning needs and provide a comprehensive experience to develop expertise in caring for individuals and families. Prereq: NURS 655. Su

671 Curriculum Development for the Nurse Educator (5) This course focuses on curriculum development and the role of the nurse educator. The roles of faculty and health care facility educator specialists are studied. Curriculum development designs and models are evaluated. Current issues influencing curriculum development in higher education and health professions are analyzed. F

672 Teaching Strategies for the Nurse Educator (5) This course focuses on the assessment of learning needs and the development and implementation of learning experiences in the classroom and clinical setting. The theoretical foundations of teaching and learning, selection of appropriate teaching strategies for classroom, simulated laboratory and clinical instruction, use of multimedia learning resources, and the concept of distributive learning are emphasized. Experience in developing and implementing learning experiences for the education of nursing professionals is provided. Sp

673 Evaluation Strategies for the Nurse Educator (5) This course focuses on the process of evaluation in the education of nurses. Evaluation models and concepts related to the measurement of outcomes in classroom and clinical instruction are introduced, as well as those related to program evaluation. Legal and ethical issues related to student evaluation are discussed. Current issues related to the evaluation of outcomes in nursing education are emphasized. Su

674 Management of Acutely Ill Adults I (6) This course focuses on the management of adult clients who are acutely/critically ill or experiencing an exacerbation of a chronic health problem. The clinical focus is on the role of the acute care nurse practitioner working with a multidisciplinary team across settings to facilitate and accelerate the patient's return to optimal health. Prereq: NURS 613, NURS 614, NURS 617, NURS 618, and NURS 622. F

675 Management of Acutely Ill Adults II (6) This course continues the focus on the management of adult clients who are acutely/critically ill or experiencing an exacerbation of a chronic health problem. The clinical focus is on the role of the acute care nurse practitioner working with a multidisciplinary team across settings to facilitate and accelerate the patient's return to optimal health. Prereq: NURS 674. Sp

676 Management of Acutely Ill Adults III (6) This course continues the focus on the management of adult clients who are acutely/critically ill or experiencing an exacerbation of a chronic health problem. The clinical focus is on the role of the acute care nurse practitioner working with a multidisciplinary team across settings to facilitate and accelerate the patient's return to optimal health. Prereq: NURS 675. Su

Occupational Therapy

581 Occupational Therapy Research Fundamentals I (3) Students in this course first complete an introductory unit that covers the philosophical underpinnings of inquiry, the importance of research, the two traditions of research including process stages and essential components, basic versus applied research, and rigor in research. Students then utilize discovery learning (a) to develop foundations for evidence-based clinical reasoning: descriptive and nonparametric inferential statistics, critical reading and analysis of research papers, and information dissemination in various scholarly formats and (b) to apply three inquiry strategies: basis single system, quantitative focus groups, and survey research.

582 Occupational Therapy Research Fundamentals II (3) In this course students utilize discovery learning (a) to build on foundations of evidence-based clinical reasoning: advanced quantitative analysis with an emphasis on parametric inferential statistics, critical reading and analysis of research papers, and information dissemination in various scholarly formats (b) first complete an introductory unit that covers the philosophical underpinnings of inquiry, the importance of research, the two traditions of research including process stages and essential components, basic versus applied research, and rigor in research. Students then utilize discovery learning (a) to develop foundations for evidence-based clinical reasoning: descriptive and nonparametric inferential statistics, critical reading and analysis of research papers, and information