

**MSUM Master of Science with a major in Nursing
Course Descriptions**

NURS 600: Theoretical Perspectives of the Discipline (3)

This core course is designed to help the student analyze, critique, and apply a variety of nursing theories, models and conceptual frameworks in advanced nursing practice.

NURS 604: Advanced Nursing Research (3)

This core course teaches research in nursing including an exploration of the research process and the methodologies appropriate to nursing. The analysis and critique of research studies and reports is a primary method for developing the knowledge and skills relevant to application and implementation of research studies *Prerequisite:* Undergraduate or graduate inferential Statistics course, N600.

NURS 606: Health Care Delivery Systems, Policy and Financing (3)

This core course is focused on how health care delivery systems are configured, how policies are developed, and how health care systems are financed. Students will learn how to interpret selected policies and systems to the general public and how to impact these processes. Budget development, planning personnel and resources from a fiscal perspective, outcome analysis, cost-effectiveness of services and parameters for seeking consultative fiscal advice will be highlighted.

NURS 608: Transcultural and Social Perspectives (3)

This course broadens understanding of diversities in races, cultures, individual, families, communities, populations, lifestyles, gender and age groups. It explores changing demographics, major health needs, health promotion and disease prevention, and mental health issues in all cultures.

NURS 610: Health Promotion and Disease Prevention (2)

This core course critically examines patterns of health behaviors, risk assessment, lifestyles, developmental stages, sociocultural, psychological and spiritual contributions to well-being. Includes data-based assessment and management of preventive health services and common acute and chronic conditions.

NURS 612: Advanced Health Assessment (3)

This course will focus on theory and research based assessment, health histories, complete physical/psychosocial assessments, and developmental assessments. It incorporates communication and interviewing skills.

NURS 614: Advanced Pathophysiology I: Concepts (2)

Theory and research-based findings are integrated in the presentation of information regarding pathophysiological responses of body systems to disease processes. Physiological developmental stage expectations are reviewed in relation to synergistic effects and total body responses to system alterations. Prevention of pathophysiological responses is emphasized.

NURS 616: Advanced Pathophysiology II: Systems (2)

This course builds on the knowledge of pathophysiological basis of common disease symptoms. It reviews pathological processes of all body systems with an emphasis on tertiary prevention and adaptation to altered physiological states

NURS 618: Family Theory in Nursing Practice (2)

This course teaches theory-based family dynamics and their influence on health behaviors, health promotion, and disease prevention. Patterns of health behaviors, lifestyles, developmental stages, and sociocultural, physiological and spiritual contributions to well-being within families.

NURS 621: Integrative Health Practice (3)

An overview of integrative therapies with a focus on selected systems of healing and specific modalities widely used by health care consumers. Addresses philosophical and spiritual paradigms, scientific foundation, and evidence of efficacy and safety of integrative health systems and modalities. Assessing use by patients and providers will be emphasized.

NURS 622: Teaching: Technology and Information Management (3)

Theoretical basis for information systems and teaching and learning enhanced through the use of technology. Exploration of sources of information including databases for health professions. Emphasis is on helping nurse educators to select appropriate instructional technology to enhance learning. An examination of environmental, social, political and financial factors influencing current technology on the delivery of nursing education.

NURS 623: The Nurse As Educator (3)

Provides an opportunity for analysis, synthesis and evaluation of the nurse educator's role and responsibilities incorporates patterns of nursing education, instructional design, and professional, social and political issues influencing nursing education.

NURS 627: Program/Curriculum Design and Evaluation (3)

Curriculum philosophies, methods and processes provide a framework for planning nursing education models that create a learner-centered environment; consideration given

to program evaluation, data collection methods, and the ethics and standards of evaluation practice; strategies for a relevant curriculum/program are influenced by current health profession issues and future societal trends. *Prerequisite:* N623

NURS 631: Pharmacology I (2)

Information relative to therapeutic management guidelines for treatment of selected disease processes will be presented. Drug information by classification and basic principles of pharmacodynamics and pharmacokinetics, clinical uses, mechanisms of action, contraindications, adverse reactions, drug interactions, and client education implications will be presented. Students will be instructed in how to best prescribe pharmacological modalities, how to monitor and manage prescribed treatments. Implications for uses with pediatric and geriatric populations will also be included.

NURS 632: Pharmacology II (2)

Continuation of content presented in Pharmacology I. Information relative to therapeutic management guidelines for treatment of selected disease processes will be presented. Drug information by classification and basic principles of pharmacodynamics and pharmacokinetics, clinical uses, mechanisms of action, contraindications, adverse reactions, drug interactions, and client education implications will be presented. Students will be instructed in how to best prescribe pharmacological modalities, how to monitor and manage prescribed treatments. Implications for uses with pediatric and geriatric populations will also be included. Guidelines for prescriptive privilege application will be presented. *Prerequisite:* NURS 631

NURS 640: Adult Nursing I (3)

Evaluation and synthesis of advanced pathophysiology concepts applied to nursing and health-related theories, and research related to client outcomes. Health and illness phenomena, symptom management, and nursing interventions will be studied. Clinical decision-making consultation/management and teaching/learning theories are emphasized. *Prerequisite:* NURS 614, 616

NURS 640P: Advanced Practicum I (3-6)

This course provides the student opportunities for application of knowledge and skills in self selected settings. Students will have the opportunity to observe and participate with a preceptor practicing in either the academic or clinical specialty area. The course focuses on the expanded role expectations for registered nurses prepared at the graduate level in nursing education and other specialized tracks. *Prerequisite:* NURS 623, or *Corequisite:* NURS 640

NURS 641: Adult Nursing II (3)

Continuation of Adult Nursing I. Focus on evaluation of client outcomes of symptom management. Pathophysiological concepts, nursing and health-related theories, and

research related to adult client health and illness phenomena are analyzed. Emphasis on clinical decision-making, teaching/learning theory and formulation of researchable questions for advanced nursing practice as a CNS for adults. *Prerequisite:* NURS 640.

NURS 641P: Advanced Practicum II (3-6)

Provides opportunities for a capstone experience in a client care setting. Extended practicum in the student's area or specialization allows a chance to more fully integrate skills and knowledge learned throughout the program. Emphasis is on consultation, program planning, education, health promotion, and prevention of disease. *Prerequisite:* NURS 640P.

NURS 690: Special Topics (1-3)

Special topics related to specific areas of study. The course may be interdisciplinary in nature, and may be repeated when the topic varies.

NURS 696: Master's Project (2)

A project is selected that will contribute to the student's preparation for advanced practice in nursing. The project is selected from one of three options: a critical literature review, a problem-solving project, or a practice improvement project. A written paper and final oral examination is required. *Prerequisite:* NURS 600 and 604.

NURS 697 Independent Study (1-4)

Seminar and/or individual study in an area not covered in regular coursework or in a topic which the student(s) wish to study in greater depth.

NURS 698: Continuing Registration (1)

Continuing enrollment in graduate studies. This option is used for registration after completion of all course requirements or when not otherwise actively enrolled. This course may not be used to meet any program or graduation requirement. *Prerequisite:* NURS 696 or 699.

NURS 699: Thesis for Nursing (4)

Major study in selected area with an emphasis in research. The thesis research is carried out under the supervision of a nursing faculty advisor. A written thesis and a final oral examination are required. *Prerequisite:* NURS 600 and 604