

## COURSES

- MSN 645G Principles of Public Health Informatics 3 CREDITS**  
The purpose of this course is to provide students with a basic understanding of "Informatics" and its application in a Public Health setting. The goal of Public Health Informatics is for students to understand the basic technological tools and building blocks needed to develop and manage Public Health data collection systems to meet analytical needs. Students will learn how show students how to take these systems and implement them successfully in Public Health environments.
- MSN 601 Role and Leadership in Advanced,Practice Nursing 2 CREDITS**  
Emphasizes exploration, analysis and evaluation of the role of the family nurse practitioner to ensure and monitor the quality of health care in the changing health care system. Provides macro to micro perspectives on effective leadership for the advanced practice nurse. National and local health policy, political activism, and economics are discussed. Development, maintenance, and evaluation of practice are examined.
- MSN 500 Advanced Health Assessment and,Diagnostic Reasoning 4 CREDITS**  
Focuses on the development of advanced communication, assessment, and diagnostic reasoning skills. These skills are used to analyze health and alterations in health of individuals and families across the life span.
- MSN 610 Masters Project 3 CREDITS**  
This class provides guidance and direction for the completion of a scholarly group project.
- MSN 501 Advanced Pathophysiology 3 CREDITS**  
A system-focused pathophysiology course. Covers physiologic and pathologic mechanisms of disease. Undergraduate pathophysiology course or equivalent is strongly recommended.
- MSN 639 Advanced Nursing Practicum/Clinical,Seminar 5 CREDITS**  
A culminating course taught in the final semester with emphasis on providing primary health care to clients across the lifespan and prescribing appropriate pharmacologic and non-pharmacologic therapies of common, acute, and chronic health concerns. Special emphasis is placed on the assumption of the role and responsibilities of an advanced practice nurse. As this is a capstone program with 240 hours spent in the clinical setting, the student is given the opportunity to synthesize the knowledge from all prior graduate courses in ordering appropriate labs, xrays, etc. to reach a correct medical diagnosis and evaluate the plan with the preceptor.
- MSN 532 Pharmacology for Advanced Practice 3 CREDITS**  
Designed to provide the required general knowledge for safe, for safe, effective prescriptive practice as defined by the State of Utah Nurse Practice Act. A variety of teaching/learning approaches assist the student to methodically analyze all aspects of the patient history and physical exam to appropriately prescribe for independent scripting practice.
- MSN 650 Advanced Practice Nursing, Continuing,Registration 0 CREDITS**  
This course is for the ongoing completion of clinical practice hours. This course is repeatable for credit.
- MSN 540 Theoretical Foundations of Advanced,Practice Nursing 2 CREDITS**  
Designed to provide a theoretical basis for advanced nursing practice. Concepts and principles of nursing and family theories are analyzed and applied to practice and nursing education. Prerequisite: undergraduate nursing theory course or equivalent; RN license.
- MSN 660 Special Topics Master of Science Nursing 1 to 4 CREDITS**  
Special topics are offered under this course number as opportunities for students to explore areas of interest. Prerequisites: consent of instructor, director and school dean.
- MSN 550 Health Care and Health Promotion of,Adults and Older Adults 4 CREDITS**  
Emphasizes the diagnosis and management of common acute illnesses and stable chronic disease states in the adult and older adult client. Attention is given to early detection and treatment of chronic disease, occupational and environmental hazards, common psychosocial problems, and changes in function related to aging.
- MSN 668 Directed Studies 1 to 4 CREDITS**  
Independent pursuit of topics/areas not covered by core or core of elective courses. Requires consent of instructor, director, and school dean. This course is repeatable for credit.
- MSN 570 Research in the Practice Setting 3 CREDITS**  
Provides opportunities for advancing knowledge and application of the research process for application of research findings. Students will develop critical thinking skills to appraise, integrate, and apply research findings in evidence-based clinical practice through a variety of teaching and learning pedagogies.
- MSN 670 Synthesis: Practice in Context 2 CREDITS**  
Designed to assist students to develop skills needed to effectively transition to the role of the Family Nurse Practitioner.
- MSN 581 Health Care and Health Promotion of,Young Adults/Clinical Seminar 4 CREDITS**  
Emphasizes the recognition and management of uncomplicated pregnancy and the diagnosis and management of acute and stable chronic health problems in the male and female young adult patient. Special emphasis is placed on health promotion and prevention issues in the young adult population. The clinical seminars utilize case studies to evaluate clinical decision-making and to identify pharmacologic and non- pharmacologic therapy for the young adult. Prerequisites: MSN 500, 501, 532, 540, 550, 570.
- MSN 699 Masters Project Continuing Registration 0 CREDITS**  
This course is for the ongoing work on the clinical research component of the Masters Program. This course is repeatable for credit.
- MSN 582 Health Care and Health Promotion of,Infants Through Adolescents/Clinical,Seminar 4 CREDITS**  
Emphasizes well child care, and the recognition and management of acute illnesses and stable chronic diseases common to the pediatric and adolescent client. Attention is given to infectious disease, anticipatory guidance, facilitation of individual growth and development, accident prevention, and family interactions. Appropriate pharmacologic and non-pharmacologic therapies for common health concerns are examined.
- MSN 584 Ambulatory Care Procedures 3 CREDITS**  
This class focuses on the development of ambulatory procedures skills necessary to manage health and alterations of health of individuals and families across the lifespan.