MASTER OF SCIENCE IN NURSING (MSN)

MSN-600 Orientation to MSN Program (0 credits)
Acceptance into the MSN Program. Student engage in on-line activates to become oriented to Alverno College and the MSN Program. Completion of CastleBranch requirements
Prerequisite(s): This class is offered fully online.

MSN-600A Orientation to Msn Program (0 credits)
Acceptance into the Post Master's FNP or MHNP or CNS Program.
Students engage in a three hour session to become oriented to Alverno College, Alverno's technology, and the post-master's program.
Prerequisite(s): Admissions to the Post Master's FNP, MHNP, CNS, AGPCNP or AGACNP Programs. This class is offered fully online.

MSN-602 Nursing Inquiry, Research & Scholarships (3 credits)
Students develop research skills to facilitate utilization of knowledge that promotes high-quality health care to clients, that initiates change, and that improves nursing education and advanced practice. These skills include the ability to critically evaluate the appropriateness and usefulness of research; to identify problems in practice settings through data review and to develop strategies to address the problems through either application of research findings or quality improvement processes; to evaluate the quality of practice guidelines; and to relate study findings to practice outcomes. Ethical principles and practices in the conduct of nursing research with human subjects are explored.
Prerequisite(s): MSN-615 completed or concurrent. Completion of undergraduate inferential statistics course completed within past 5 years of entering MSN program.

MSN-603 Health Care Sys: Org, Econ & Politics (3 credits)
Students comprehensively and systematically examine the interrelationships among health care policy and politics, delivery and access-to-care issues, and the financing of health care in order to make high-quality, cost-effective decisions related to the allocation of health care resources and to participate in formulating health care agendas for individuals and communities. Students become intimately knowledgeable about federal and state health care resources. They analyze the interaction and impact of politics, organizations, and economics on their areas of practice.
Prerequisite(s): MSN-615 completed or concurrent registration.

MSN-615 Adv Practice Roles & Nursing Theories (3 credits)
Students explore current and emerging roles of advanced practice nurses (APN) in various settings, including required competencies, scope of practice, and issues of specialization. You will examine the roles of the APN within an interdisciplinary health care system, with an emphasis on legal and professional issues, models of practice, and leadership. Students will also examine the evolving theoretical foundations of the nursing profession through the exploration of nursing and related disciplines' theories. You will learn to analyze, critique, and evaluate various theories to determine their utility to guide APN practice and education in select populations. Advanced practice nurses use multiple theories in their work with individuals, families, communities and organizations. This course provides you with a solid grounding in theoretical analysis and application within your specific roles.
Prerequisite(s): MSN-600 completed or concurrent.

MSN-616 Ethics for the Advanced Practice Nurse (1 credit)
Students start by examining their own moral decision making and are then introduced to ethical models and frameworks. Ethical decision-making processes are discussed as they relate to the role of the advanced practice nurse and are applied to practice situations, including informed consent and end-of-life issues. The role of ethics committees and consultations is also explored.
Prerequisite(s): MSN-600 completed or concurrent.

MSN-617 Population-Based Health (3 credits)
This course introduces students to health promotion fundamentals in advanced practice nursing. Basic epidemiological principles and international, national and local health promotion goals are examined with emphasis on cultural and environmental principles, individual assessment and evidence-based practice. Students will be introduced to concepts of interprofessionalism and patient centered care, while exploring the leadership role of the APN. Students will analyze and describe health information technologies and data sources that promote safe practice environments, patient safety, cost-effectiveness, and optimal population health outcomes.
Prerequisite(s): MSN-615 completed or concurrent. This section is offered as a hybrid learning course with on campus and online components.

MSN-621 Advanced Physiology & Pathophysiology (3 credits)
Students use theory and research to explore the etiology, pathogenesis, and clinical manifestations of common diseases for individuals across the lifespan, including adult and older-adult populations. They also study variations in physiological health and illness processes attributable to age, race, culture, ethnicity, gender, and socioeconomic status. The focus is on generalized stress response and how the body adapts to a variety of acute and chronic illnesses throughout the span of one's life. This course is the supporting foundation for advanced-practice clinical decision making, diagnosing, and managing a therapeutic approach across the lifespan. Prior knowledge of basic physiology and pathophysiology is required.
Prerequisite(s): MSN-600 completed or concurrent.

MSN-622 Advanced Health & Physical Assessment (3 credits)
Students examine and apply advanced health and physical assessment techniques and theories in the collaborative care of culturally diverse individuals and families with an emphasis on individuals across the lifespan, including adult and older-adult populations. They develop advanced physical assessment skills and use data and clinical decision making within the defined context of their professional practice. They use differential diagnoses to identify physical and/or psychological illness based on possible pathology, given the lifestyle practices of clients. Prior knowledge and experience of basic health and physical assessment techniques are required. Current CPR certification and updated immunization records required.
Prerequisite(s): MSN-621 completed. Current CPR certification required; Health requirements-see Graduate Nursing Handbook. 90 Practicum Hours required. Summer 2019: Section 1: No class May 27. Section 2: This class is offered as a hybrid class with on campus & online components. In person class dates: 5/22, 6/5, 6/19, 7/3, 7/10.
MSN-623 Advanced Pharmacotherapeutics & Clinical Decision Making (3 credits)
Students examine and apply principles of advanced pharmacology in the management of clients across the lifespan with an emphasis on the adult-gerontology population. The course emphasizes pharmacokinetics and pharmacotherapeutics of major drug classifications, and current clinical drug research. Students evaluate ethnopharmacological research studies to discern clinical applications with individuals from racially and ethnically diverse backgrounds. This course also helps prepare students for certification from ANCC and for meeting state requirements for prescriptive authority as an APRN after graduation from the MSN program. Current CPR certification and updated immunization records required.
Prerequisite(s): MSN-621 completed. Current CPR certification required; Health requirements-see Graduate Nursing Handbook. No class July 4.

MSN-624 Adv Prm Cre/Mdl Age-Oldr Adlts (3 credits)
Students will be engaged in didactic experiences derived from evidence-based practices in health promotion, disease prevention, and illness care management for middle-aged and older adults. Students will use advanced critical thinking to apply culturally sensitive care. Current CPR certification and updated immunization records required.
Prerequisite(s): MSN-600, MSN-602, MSN-615, MSN-621, MSN-622 & MSN-623 completed. MSN-603, MSN-616 & MSN-617 completed or concurrent.

MSN-624P Adv Prm Care Mgt Mid-Aged & Older Adult (2 credits)
Students integrate theories and concepts from advanced pharmacology, advanced health assessment, and advanced pathophysiology in the collaborative care of culturally diverse individuals and families with an emphasis on middle age to older adult populations. They will have didactic and clinical practice related to health promotion, illness prevention, and disease management of the middle age and older adult. Students will use their advanced critical thinking to apply culturally sensitive care, perform examinations, and formulate differential diagnoses and treatment plans for middle age to older adult populations. They will use differential diagnoses to identify physical and/or psychological illness based on possible pathology given lifestyle practices of clients, families, and communities. (This course includes a 200-hour practicum.)
Prerequisite(s): MSN-600, MSN-602, MSN-615, MSN-621, MSN-622 & MSN-623 completed. MSN-603, MSN-616, MSN-617 & MSN-624 completed or concurrent.

MSN-625 Adv Primary Care/Women, Infants & Child (3 credits)
Students will increase knowledge necessary for advanced practice nursing in the primary health care of women, infants, children and adolescents. Emphasis will be placed on principles of health promotion, disease prevention, common primary health care problems, and diagnoses often seen in these populations. The student will develop a holistic approach to advanced primary health care incorporating the needs of women, infants, children and adolescents. Pathophysiological, social, and development theories, relevant research findings, and the implications of these for health care are explored. Students will begin to examine and identify when referrals may be necessary in these populations.
Prerequisite(s): All core courses completed (MSN-600, MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 & MSN-623). MSN-624 & MSN-624P completed.

MSN-625P Adv Prim Care Women & Children (2 credits)
Students will continue to develop their approach to both common acute and chronic primary health care across the lifespan based on current and emerging national guidelines. Students will continue to focus in on areas to ensure a well-rounded clinical experience to fulfill the scope of practice as a Family Nurse Practitioner. These areas should include experience with populations across the lifespan consistent with Family Practice. Preventative care, disease prevention, health maintenance, and lifestyle changes are central to all treatment plans along with cost-efficient options, when available. (This course includes a 200-hour practicum.)
Prerequisite(s): MSN-625 & MSN-625P completed. MSN-626 completed or concurrent. 200 practice hours required, MSN-625 completed or concurrent

MSN-626 Adv Primary Care Mgt/Vulnerable Populati (3 credits)
Students will continue to build their knowledge of more vulnerable populations and complex health conditions (i.e. cardiac, pulmonary, cancer and mental health) and learn their role in the management of these diagnoses within their scope of practice as an FNP in Primary Care. Emphasis will be placed on the care of the elderly and diagnoses often seen in this and other high-risk populations. The student will be engaged in many levels of skill refinement, intellectual investigation, theoretical exploration, and evidence-based advanced nursing practice application of health assessment and physical examination approaches. Emphasis on other issues a well-rounded family nurse practitioner will need to be knowledgeable of are included: coding/payment structures, ethics and values, death/dying/grief and bereavement, and topics of professionalism such as scope of practice/accountability/collaboration and quality assurance.
Prerequisite(s): For FNP only: MSN-625 & MSN-625P completed.

MSN-626P Pract 3: Adv Prim Care: Vulnerable Popul (2 credits)
Students will continue to refine their approach to both common, acute and chronic care based on current and emerging national guidelines. The student may explore a specialty practice in the community setting to advance their knowledge in areas of orthopedics, pain management, dermatology, etc., to augment their expertise in the primary care practice environment. Preventative care and lifestyle changes continue to be central to all treatment plans along with cost efficient options, when available. (This course includes a 200-hour practicum.)
Prerequisite(s): MSN-625 & MSN-625P completed. MSN-626 completed or concurrent, MSN-626 completed or concurrent

MSN-627 Adv Nursing Practicum in Mississippi (1 credit)
This course is designed to be an elective course, allowing graduate FNP students the opportunity to complete part of their practicum hour requirements within a domestic or international setting. Students will have the unique experience of providing health care in the United States or a country where resources are limited. As a result, students will learn to rely more on themselves and their healthcare knowledge and skills instead of current technologies in providing care to patients. The experiences will push students’ understanding of advanced practice nursing to a new level along while increasing their knowledge and sensitivity to many different types of cultural groups.
Prerequisite(s): MSN-621, MSN-622 & MSN-623 completed. MSN-624 completed or concurrent.
**MSN-628 Suturing for Advanced Practice Provider (0 credits)**
This course is designed to be an elective course, allowing graduate nursing students an opportunity to increase their skill set by learning closure techniques for lacerations of various body parts. It gives students a unique experience of utilizing skills at a more advanced level. It will push their understanding of advanced practice nursing to a new level along with increasing their knowledge base.
Prerequisite(s): MSN-602, MSN-603, MSN-621 & MSN-622 completed.

**MSN-630 Psychopharmacology (3 credits)**
Students will understand the basics pertaining to drugs used for both therapeutic and addictive purposes in the mental health world. At the outset, the course will present the basic structures of the nervous system necessary to understand the pharmacokinetics and pharmacodynamics of psychoactive drugs. Many psychoactive drugs are used for therapeutic purposes. Other psychoactive drugs, even though prescribed for therapeutic purposes, become the objects of addiction. The second phase of the course treats the major classes of drugs used for therapeutic purposes: antidepressants, antipsychotics, mood stabilizers, anxiolytics/hypnotics, and stimulants. In this phase of the class, the actions, side effects, and risks of the various drugs will be considered. This phase will also treat special topics such as promoting adherence, and how to monitor the clients’ response to medications. The third phase of the course devotes itself to the drugs of addiction such as alcohol, cocaine, opioids, and stimulants. The medications used in the treatment of addictions will be presented in this section.
Prerequisite(s): MSN-600/600A, concurrent or completed. MSN-622 and 623 completed. No class July 3.

**MSN-634 Adv Primary Mental Health Care-Adults (3 credits)**
Students will enhance their ability to establish and cultivate therapeutic relationships as well as deepen their awareness of theories of personality and psychopathology as they acquire further skills in the assessment and diagnosis of mental illness primarily in the adult populations. They will build upon knowledge and skills from advanced psychopharmacology. They will expand their awareness of advanced pathophysiology to encompass concepts of normal and abnormal neurophysiology. They will use all of the above components to bring their critical reflective skills to bear on the promotion of mental health, and the assessment and differential diagnoses of the depressive and anxiety spectrum disorders. They will acquire experience in developing collaborative, holistic, client-centered treatment plans taking into consideration the unique biopsychosocial circumstances of the life context of clients. Through didactic experiences, students will be able to include the psychopharmacological agents approved for the treatment of depressive and anxiety spectrum disorders according to psychiatric guidelines and evidence-based practice, as well as the psychotherapy modalities of Cognitive Behavioral Therapy, Behavioral Activations Therapy, Acceptance/Commitment Therapy, and Brief Solution-Focused Therapy. (This course and the practicum component previously was a 5 credit course for students enrolled prior to Fall 2016) Current CPR and updated immunization records required.
Prerequisite(s): MSN-600, MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 & MSN-623 completed. MSN-603, MSN-615 or MSN-616 completed or concurrent.

**MSN-635 Adv Men Hlth Cldrn Teens Geriatric (3 credits)**
Students apply their knowledge of mental health and their skills of critical thinking to the advanced mental health care of the bipolar and psychotic spectrum disorders as well as mental health disorders pertinent to children, adolescents, and geriatric populations. Students will be guided to respectfully consider the cultural, spiritual, and unique circumstances of individual clients. Through didactic experiences, students will be able to incorporate into the treatment plans the psychopharmacological agents approved for the treatment of bipolar and psychotic spectrum disorders, attention-deficit hyperactivity disorder in children and adults, and the dementia and mood disorders of the geriatric population according to psychiatric guidelines and evidence-based practice. They will acquire knowledge of complementary/alternative modes of care known today as integrative mental health care. Students will also learn and practice principles of Group Therapy as well as learn the basic components of Dialectical Behavior Therapy. (This course and the practicum component previously was a 5 credit course for students enrolled prior to 2016.)
Prerequisite(s): All core courses completed (MSN-600, MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 & MSN-623). MSN-634 & MSN-634P completed.

**MSN-635P Pract 2: Adv Mntl Hlth Cldrn, Teens, Ger (2 credits)**
Students will apply knowledge and skills at the intermediate level learned in the theory portion of MSN-635. Students are expected to show evidence of development of intermediate skills in assessing, diagnosing and choosing appropriate interventions/plans of care for their mental health clients. Students should plan to spend a minimum of 30 of their 200 practicum hours with child/adolescent clients. Students should also plan to spend a minimum of 10 of their 200 clinical hours in a group therapy setting. (This course includes a 200-hour practicum in an inpatient or outpatient mental health setting)
Prerequisite(s): All core courses completed (MSN-600, MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 & MSN-623). MSN-634 & MSN-634P completed. MSN-635 completed or concurrent.
MSN-636 Adv Men Hlth Cre Seriously Ill/Addicted (3 credits)
Students will focus their clinical knowledge and their critical thinking skills on the assessment, diagnosis, and treatment of the special needs of traumatized, eating disordered, and the substance addicted populations. Students will develop holistic, collaborative, client-centered treatment plans that take into account the special biopsychosocial needs of these complex traumatized, chronically mentally ill, and substance addicted populations. Through didactic and clinical experiences, students will be able to include the best evidence-based psychopharmacological agents used to treat complex conditions. Students will learn the theory of the Recovery Model of Chronic Mental Illness. They will deepen basic experience in the principles of Motivational Interviewing. Students will be engaged in many levels of skill refinement, intellectual investigation, theoretical exploration, and evidence-based advanced mental health nursing practice application. This course will also emphasize additional elements about which a competent psychiatric nurse practitioner will need to be knowledgeable, including but not limited to ethics, scope and standards of psychiatric mental health nursing, accountability, quality assurance, and coding/payment structures. (This course and the practicum component previously was a 6 credit course for students enrolled prior to Fall 2016.)
Prerequisite(s): All core courses completed (MSN-600, MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 & MSN-623). MSN-634 & MSN-634P, MSN-635 & MSN-635P completed.

MSN-636P Pract 3 Adv Mntl Hlth Seriously III/Addi (2 credits)
Students will apply knowledge and skills at the proficient level learned in the theory portion of MSN-636. Students are expected to show evidence of development of proficient skills in assessing, diagnosing and choosing appropriate interventions/plans of care for their mental health clients. (This course includes a 200-hour practicum in an inpatient or outpatient mental health setting) Current CPR and updated immunization records required.
Prerequisite(s): All core courses completed (MSN-600, MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 & MSN-623). MSN-634, MSN-634P, MSN-635 & MSN-635P completed. MSN-636 completed or concurrent.

MSN-644 Adult-Gero Primary Care Practicum 1 (2 credits)
AGPCNP practicum courses involve situated experiential learning opportunities, conducted in outpatient settings where episodic and chronic health problems spanning the adult-geriatric wellness-illness continuum are diagnosed and treated. Under the direct supervision and guidance of an approved clinical preceptor, the student engages in collaborative, interprofessional primary care of adult-geriatric patients, including the frail elderly, thereby progressing toward competence in the delivery of advanced practice adult-gerontology primary care nursing. It is expected that students apply theoretical knowledge, skills, and abilities attained in pre-requisite MSN program core courses, as well as the corresponding AGPCNP track theory courses, as they partner with patients in the clinical environment to optimize health outcomes. (This course includes a 200-hour practicum.)
Prerequisite(s): MSN-600, MSN-602, MSN-615, MSN-621, MSN-622 & MSN-623 completed. MSN-603, MSN-616, MSN-617 & MSN-644 completed or concurrent.

MSN-645P Adult-Gero Primary Care Practicum 2 (2 credits)
AGPCNP practicum courses involve situated experiential learning opportunities, conducted in outpatient settings where episodic and chronic health problems spanning the adult-geriatric wellness-illness continuum are diagnosed and treated. Under the direct supervision and guidance of an approved clinical preceptor, the student engages in collaborative, interprofessional primary care of adult-geriatric patients, including the frail elderly, thereby progressing toward competence in the delivery of advanced practice adult-gerontology primary care nursing. It is expected that students apply theoretical knowledge, skills, and abilities attained in pre-requisite MSN program core courses, as well as the corresponding AGPCNP track theory courses, as they partner with patients in the clinical environment to optimize health outcomes. (This course includes a 200-hour practicum.)
Prerequisite(s): All core courses completed (MSN-600, MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 & MSN-623). MSN-644 & MSN-644P completed. MSN-645 completed or concurrent.
MSN-646 Adv Practice in Adult Gero 3 Practicum (3 credits)
In this course, students will explore special topics in advanced practice nursing gerontology. Exemplars may include but are not limited to: long-term management, self-neglect in older adults, anticipatory management of geriatric syndromes, maximizing the health and well-being of older veterans, technologies that support aging in place, and include but are not limited to phenomena of interest to and mange by nephrology, orthopedic, oncology and dermatology specialty NPs in the care of older adults.
Prerequisite(s): All core courses and MSN-645 and MSN-645P completed. Current CPR and updated immunization records required. Current

MSN-646P Adv Practice Adult Gero 3 Practicum (2 credits)
AGPCNP practicum courses involve situated experiential learning opportunities, conducted in outpatient settings where episodic and chronic health problems spanning the adult-geriatric wellness-illness continuum are diagnosed and treated. Under the direct supervision and guidance of an approved clinical preceptor, the student engages in collaborative, interprofessional primary care of adult-geriatric patients, including the frail elderly, thereby progressing toward competence in the delivery of advanced practice adult-gerontology primary care nursing. It is expected that students apply theoretical knowledge, skills, and abilities attained in pre-requisite MSN program core courses, as well as the corresponding AGPCNP track theory courses, as they partner with patients in the clinical environment to optimize health outcomes. (This course includes a 200-hour practicum.)
Prerequisite(s): MSN-645 and MSN-645P completed. MSN-646 completed or concurrent.

MSN-650 Statistics for Advanced Practice (3 credits)
This course will provide graduate students and advanced healthcare providers with the ability to analyze and apply appropriate statistical approaches for improving clinical practice. The use of computer programs for analyzing data will be examined as well as methods to critique the use of statistics in published clinical research. Articulate communication of research results to interested audiences will also be addressed.
Prerequisite(s): Additional Information: This course is offered fully online.

MSN-654 Advanced Acute Care Adult-Gerontology 1 (3 credits)
MSN-654 is the first of two theory courses in the AGACNP program, wherein content is organized by body system. The third and final theory course in the AGACNP program is focused on the management of critical and complex physical and mental illnesses across the adult spectrum from late adolescent to frail older adult. The primary emphasis of MSN-654 is advanced practice nursing care management of episodic and chronic health problems. Students build upon knowledge gained in the MSN program core courses, applying theoretical frameworks, cultural and generational perspectives, ethical principles, current evidence, and the cost of care in formulating and evaluating adult-gerontology acute care to optimize health and health care systems. Disease prevention and treatment as well as the restoration of maximum health in adult individuals and populations, including the frail elderly are also addressed.
Prerequisite(s): MSN-600, MSN-602, MSN-615, MSN-621, MSN-622, and MSN-623 completed. MSN-603 or MSN-616 or MSN-617 completed or concurrent.

MSN-654P Adult-Gerontology Acute Care NP Practicum 1 (2 credits)
This course provides a situated experiential learning opportunity, conducted in outpatient and/or inpatient hospital settings where episodic and chronic health problems spanning the adult-gerontology continuum are diagnosed and treated. Under the direct oversight of an approved clinical preceptor, the student engages in collaborative, interprofessional acute care of adult-geriatric patients, including the frail elderly, thereby progressing toward competence in the delivery of advanced practice adult-gerontology acute care. It is expected that students apply theoretical knowledge, skills, and abilities attained in prerequisite MSN program core courses, as well as the corresponding AGACNP track theory course, Advanced Acute Care Adult-Gerontology 1 (MSN-654), as they partner with patients in the clinical environment to optimize health outcomes.
Prerequisite(s): MSN-600, MSN-602, MSN-615, MSN-621, MSN-622 and MSN-623 completed. MSN-603, MSN-616, MSN-617, MSN-644, and MSN-654 completed or concurrent.

MSN-655 Advanced Acute Care Adult-Gerontology 2 (3 credits)
MSN-655 is the second of two theory courses in the AGACNP program, wherein content is organized by body system. The third and final theory course in the AGACNP program is focused on the management of critical and complex physical and mental illnesses across the adult spectrum from late adolescent to frail older adult. The primary emphasis of MSN-655 is advanced practice nursing care management of episodic and chronic health problems. Students build upon knowledge gained in the MSN program core courses, applying theoretical frameworks, cultural and generational perspectives, ethical principles, current evidence, and the cost of care in formulating and evaluating adult-gerontology acute care to optimize health and health care systems. Disease prevention and treatment as well as the restoration of maximum health in adult individuals and populations, including the frail elderly are also addressed.

MSN-655P Adult-Gerontology Acute Care NP Practicum II (2 credits)
This course provides a situated experiential learning opportunity, conducted in outpatient and/or inpatient hospital settings where episodic and chronic health problems spanning the adult-gerontology continuum are diagnosed and treated. Under the direct oversight of an approved clinical preceptor, the student engages in collaborative, interprofessional acute care of adult-geriatric patients, including the frail elderly, thereby progressing toward competence in the delivery of advanced practice adult-gerontology acute care. It is expected that students apply theoretical knowledge, skills, and abilities attained in pre-requisite MSN program core courses, as well as the corresponding AGACNP track theory course, Advanced Acute Care Adult-Gerontology 2 (MSN-655), as they partner with patients in the clinical environment to optimize health outcomes.

MSN-656 Adv Prac-Adlt Gero Acute Care (3 credits)
This course will focus on care given to the vulnerable such as the homeless, geriatric and underserved populations. The application of evidence-based guidelines to the vulnerable will be explored, and consideration of drug choices amongst the geriatric population occurs. Professional issues relevant to nurse practitioners will also be explored.

MSN-656P Adlt Gero Acute Care Pract 3 (2 credits)
Students will provide in-depth, advanced practice nursing care to patients with acute, critical, chronic and complex health problems. Consideration of care and treatment plans of underserved populations, integrating current nursing research evidence, will be a focus. Two hundred clinical hours are necessary in this practicum.

MSN-697 Independent Study (1 credit)
MSN Independent Study
MSN-700 Adv Prac Nurs: Ind & Population-Bsd Hlth (3 credits)
Emphasis for this course will be direct care for the adults and older adults. Students will focus on theories of aging and the geriatric syndromes. Prevention through health management will be stressed, continuing concepts of population-based health and epidemiology from previous courses. There will be a focus on team-building and interprofessional collaboration for care coordination and improvement. Continuing work in the competency of evidence-based practice will be stressed as they relate to culture, genetics, and outcomes. Program development will be introduced. Students will identify an area of concern and do an informal needs assessment to start their capstone project. Current CPR certification and updated immunization records required.

Prerequisite(s): For CNS only: MSN-615, MSN-602, MSN-621, MSN-622 & MSN-623 completed. MSN-603, MSN-616 or MSN-617 completed or concurrent. Register for MSN-700P concurrently.

MSN-700P CNS Practicum 1 (2 credits)
Prerequisite(s): Concurrent registration with MSN-700. All core courses completed, except MSN-603, MSN-16, or MSN-617 may be concurrent. CPR certification current and all health requirements met (see Handbook). Includes 200 hours of practicum.

MSN-701 Advanced Practice Nursing:prog Dev & Eva (3 credits)
Students will examine the specific skills in program development and evaluation. Building upon the threads of direct patient care competencies from previous courses, students will learn how to design innovative nursing practice approaches. They will explore how to design, implement and manage clinical programs including chart development, building budgets, fiscal evaluation, and outcomes/benefits for both large and small innovations. Integration of informatics and health care technology in program development will be emphasized. Students will develop the proposal for their capstone project, including the needs assessment, review of literature, and plan for implementation. Current CPR and updated immunization records required.

Prerequisite(s): MSN-600, MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622, MSN-623, MSN-700 & MSN-700P completed.

MSN-701P Adv Pract Nurs: Prog Dev & Eval (2 credits)
This clinical practicum is designed to provide students with an in-depth opportunity to plan, design, deliver, and evaluate processes that impact health care at the system/organizational level. Through this practicum, students will have the opportunity to function in the role of the advanced practice nurse using the three spheres of influence with an emphasis on the system/organizational sphere and development of leadership skills. The student will reflect on practicum experiences while applying selected theories and frameworks. The overall outcome for the practicum experience will be for students to integrate all Clinical Nurse Specialist (CNS) skills and competencies and apply them successfully in practice. (This course includes a 200 hour practicum.)

Prerequisite(s): MSN-701 completed or concurrent. Additional information: Completed CPR certification; updated immunization records required.

MSN-730 Adv Prac Nurs: Ldrshp System Improvemnt (3 credits)
As the final course in the program, students will demonstrate synthesis of previous course content as they explore the leadership role of the CNS. Leadership theories, models and styles will be examined, along with the concepts of consultation, mentoring, coaching and teaching. Students will explore the IRB process, the importance of certification, and the meaning of membership on state and national professional boards. Students will implement their capstone project and evaluate their work. Current CPR and updated immunization records required.

Prerequisite(s): For CNS Students only. MSN-600/MSN-600A, MSN-602, MSN-603, MSN-615, MSN-616,MSN-617, MSN-621, MSN-622, MSN-623, MSN-700, MSN-700P, MSN-701, & MSN-701P completed.

MSN-730P Adv Pract Nurs: Ldrshp for Systems Imp (2 credits)
This clinical practicum is designed to provide students with an in-depth opportunity to plan, design, deliver, and evaluate processes that impact health care at the system/organizational level. Through this practicum, students will have the opportunity to function in the role of the advanced practice nurse using the three spheres of influence with an emphasis on the system/organizational sphere and development of leadership skills. The student will reflect on practicum experiences while applying selected theories and frameworks. The overall outcome for the practicum experience will be for students to integrate all Clinical Nurse Specialist (CNS) skills and competencies and apply them successfully in practice. (This course includes a 200 hour practicum.)

Prerequisite(s): MSN-730 completed or concurrent. MSN-701 MSN-701P completed. Current CPR certification & health requirements met (see Handbook).

MSN-755 Capstone 1 (1 credit)
The capstone is a project that synthesizes student’s learning from all previous semesters in a final demonstration of meeting program outcomes for graduation. Students will work throughout the semester to develop a proposal for their planned capstone project. The proposal will include a solid case for the need for the identified project, a clear purpose statement, and a review of literature. The methods for implementing the project will also be outlined. The student will work closely with their chosen faculty capstone mentor throughout this process. All core courses and first track courses completed.

Prerequisite(s): All core courses completed (MSN-600, MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 & MSN-623), First track of theory courses completed: MSN-624, MSN-634, MSN-644, or MSN-654

MSN-760 Capstone 2 (1 credit)
In this course, students will implement the project identified in their capstone proposal. They will then analyze the result of the project and identify areas for improvement and further exploration. The final product must be approved by their chosen faculty capstone mentors as meeting program outcomes for graduation.

Prerequisite(s): MSN-755 completed Additional information: If you took MSN-622 as a 3 credit course, sign up for section 02 for 0 credits