

MASTER OF SCIENCE IN NURSING (MSN)

MSN-600 Orientation to MSN Program (0 credits)

Admission to the advanced practice MSN degree program. All CastleBranch requirements completed.

MSN-600A Orientation to Post Masters Program (0 credits)

Admission to the advanced practice post-MSN certificate program. All CastleBranch requirements completed.

MSN-600B Orientation to DEMSN Program (0 credits)

Success Residency Dates for Spring 2025 TBA Admission to the DEMSN Program. Current CPR certification and all program health requirements met.

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-600 or MSN-600A

MSN-603 Health Care Systems: Organization, Economics & 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. Mandatory attendance at Capstone Event at end of the course.

Prerequisite(s): MSN-600 or MSN-600A

MSN-605 Advanced Physiology & Pathophysiology (3 credits)

In this course, 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. Variations in physiological health and illness processes attributable to age, race, culture, ethnicity, gender, and socioeconomic status are also considered.

Prerequisite(s): N-545, N-556

MSN-610 Nursing Leadership: Advocacy, Activism, Innovation, and Policy (3 credits)

This course emphasizes personal leadership development in the context of ever-changing complex organizations and environments. The student critically examines current and emerging health issues at the local to global system level. Students explore and integrate the many facets of leadership and the skill sets needed to facilitate change, including their roles within the professional organization to advance nursing and health care. They advocate for policies and strategies that maintain or improve health outcomes for diverse populations, especially considering organizational structures and the economics of health care.

Prerequisite(s): N-529, N-530, N-528

MSN-614 Nursing Research & Scholarship (3 credits)

In this course, students develop research skills and gain an elevated understanding of the research process and advancing competence. Students identify researchable clinical practice problems, search databases for research evidence or quality improvement projects, analyze the significance of quantitative and qualitative data, apply ethical principles and practices for using human subjects in research, critique research studies, synthesize research findings, and translate evidence into practice.

Prerequisite(s): N-530, MSN-629, MSN-618

MSN-615 Adv Practice Roles & Nursing Theories (3 credits)

Students explore current and emerging roles of advanced practice nurses (APRN) in various settings, including required competencies, scope of practice, and issues of specialization. You will examine the roles of the APRN within an interdisciplinary health care system, with an emphasis on legal and professional issues, models of practice, and leadership. You 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 APRN practice and education in select populations. Advanced practice nurses use multiple theories in their work with individuals, families, communities and organizations. This course provides students with a solid grounding in theoretical analysis and application within their specific roles.

Prerequisite(s): MSN-600 or MSN-600A

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 or MSN-600A

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 APRN. 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-600 or MSN-600A

MSN-618 Population Based Health (3 credits)

This course introduces students to health promotion fundamentals in advanced nursing science. Basic epidemiological principles are discussed as they relate to population-based health. Local, national, and international health promotion goals are examined with emphasis on cultural competence, environmental principles, individual assessment and evidence-based practice. Students continue to explore the concepts of inter-professional and patient-centered care as they relate to the leadership role of advanced nursing practice. Students 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): N-546, N-556, N-557, N-565, MSN-605, MSN-614

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 or MSN-600A

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-600 or MSN-600A

MSN-623 Advanced Pharmacotherapeutics & Clinical Decision Making (3 credits)

Available to NNP students only. With permission only. 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 ANCC or AANP certification 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 or equivalent course pre-approved for transfer credit prior to admission.

MSN-624 Advanced Primary Care Management of Middle-Aged and Older Adults (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 students: MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 and MSN-623 completed. Post-Master's certificate students: MSN-615, MSN-621, MSN-622 and MSN-623 completed or preapproved transfer equivalents., MSN-600A., MSN-624P.

MSN-624P FNP Practicum I: Advanced Primary Care Management of Middle-Aged and Older Adults (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.) Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-600A., MSN students: MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 and MSN-623 completed. Post-Master's certificate students: MSN-615, MSN-621, MSN-622 and MSN-623 completed or preapproved transfer equivalents., MSN-624.

MSN-625 Advanced Primary Care Management of Women, Infants & Children (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. Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-625P, MSN-626 & MSN-626P

MSN-625P FNP Practicum 3: Advanced Primary Care Management of 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.) Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-625, MSN-626 & MSN-626P

MSN-626 Advanced Primary Care Management of Vulnerable Populations (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. Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-624 & MSN-624P, MSN-626P

MSN-626P FNP Practicum 2 (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.) Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-626, MSN-624 & MSN-624P

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-621 & MSN-622

MSN-629 Roles, Interprof Teams, Theories (2 credits)

In this course, students explore current and emerging roles of master's-prepared nurses in various settings, teams, and professional organizations including required competencies and scope of practice. Students examine the nurse's role in macro-level decision making and apply theoretical frameworks used by the nursing profession to impact structure and process outcomes in healthcare. Students learn about pioneers in nursing and their contribution to nursing practice.

Prerequisite(s): MSN-610, N-545, N-556

MSN-629C Roles, Interprof Teams, Theories (2 credits)

Students explore current and emerging roles of master's prepared nurses in various settings, including required competencies, scope of practice, and issues of specialization. Students will also examine the evolving theoretical foundations of the nursing profession through the exploration of nursing and related disciplines' theories. They will learn to analyze, critique, and evaluate various theories to determine their utility to guide their 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 to a variety of MSN nursing roles. Completed: MSN-618, MSN 627, MSN-628, MSN 628P, MSN-755 The follow courses must be completed or taken concurrently: MSN-770, MSN-775, MSN-776, MSN-760

Prerequisite(s): MSN-618, MSN-631, MSN-632 MSN-632P, MSN-755, MSN 760C, MSN-770C, MSN-775, MSN-776

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): MHNP MSN students: MSN-622 and MSN-623 completed. Post-Master's certificate students: MSN-600A, MSN-622 & MSN-623 completed or approved transfer equivalent.

MSN-631 Adv Hlth & Physical Assessment (3 credits)

Students examine and apply advanced health and physical assessment techniques and theories in the collaborative care of culturally diverse individuals, families and communities with an emphasis on adult-geriatric populations. They use clinical judgment to identify physical and/or psychological illness, given lifestyle practices and health-seeking behavior of clients, families, and communities.

Prerequisite(s): N-545, N-556, MSN-605

MSN-632 Advanced Nursing Theory I (3 credits)

In this course, students apply their knowledge of general nursing principles to individuals and/or populations with unstable, emergent critical health alterations. The course uses a variety of modalities to integrate theoretical foundations and clinical judgment to promote optimal health within diverse populations.

Prerequisite(s): N-545, N-556, MSN-610, MSN-605, N-565, MSN-629

MSN-632P Clinical Nursing Practice III (4 credits)

Students will continue to refine nursing practice in an acute care setting managing multiple patients, working with minimal supervision, growing in independence and engaging in collaborative teams.

Prerequisite(s): N-546, N-555, N-556, N-557, N-565, MSN-605

MSN-634 Advanced 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 spectrums 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. Current CPR certification and updated immunization records required.

Prerequisite(s): MHNP MSN students: MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622, MSN-623, and MSN-630 completed. Post-Master's certificate students MSN-615, MSN-621, MSN-622, MSN-623, and MSN-630 completed or preapproved transfer equivalents or preapproved transfer equivalents., MSN-634P

MSN-634P PMHNP Pract 1 (2 credits)

Students will apply knowledge and skills at the novice level learned in the theory portion of MSN-634. Students are expected to show evidence of development of beginner skills in assessing, diagnosing and choosing appropriate interventions/plan of care for their mental health clients. (This course includes a 200 hour practicum in an inpatient or outpatient mental health setting.) Current CPR certification and updated immunization records required.

Prerequisite(s): MHNP MSN students: MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622, MSN-623, and MSN-630 completed. Post-Master's certificate students MSN-615, MSN-621, MSN-622, MSN-623, MSN-630 completed or preapproved transfer equivalents., MSN-634.

MSN-635 Adv Mntl HC-Chld, Adlt, Gero (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 dementias 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. Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-634 and MSN-634P, MSN-635P

MSN-635P PMHNP Pract 2 (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) Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-634 & MSN-634P, MSN-635

MSN-636 Adv Mntl HC-Ser III, Addict (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. Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-635 & MSN-635P, MSN-636P

MSN-636P PMHNP Pract 3 (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 certification and updated immunization records required.

Prerequisite(s): MSN-635 & MSN-635P, MSN-636

MSN-644 Advanced Primary Care Adult- Gerontology 1 (3 credits)

This is the first of two systems-focused didactic theory courses in the AGPCNP Program. In this course, as in MSN-645 the course content is organized by body system and spans the adult-geriatric primary care wellness-illness continuum. Health promotion, health protection, and disease prevention and treatment in adult-geriatric individuals and populations, including the frail elderly, are addressed. There is an emphasis on advanced-practice primary care management of episodic and chronic health problems experienced by geriatric patients. Various teaching strategies, including the use of technology, are employed to promote and support student learning. Students are expected to build upon knowledge gained in the MSN Core courses, applying theoretical frameworks cultural and generational perspectives, ethical principles, current evidence and the cost of care in formulating and evaluating advanced practice plans of care to ensure the delivery of safe, high-quality, cost-effective adult-gerontological health care. Current CPR certification and updated immunization records required.

Prerequisite(s): Adult Gerontology Primary Care Nurse Practitioner (AGPCNP) students must have completed MSN-600, MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 and MSN-623. Post-Master's certificate students must have completed MSN-615, MSN-621, MSN-622 and MSN-623 or a preapproved transfer equivalents., MSN-644P, MSN-600A.

MSN-644P AGPCNP Pract 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.) Current CPR certification and updated immunization records required.

Prerequisite(s): Adult Gerontology Primary Care Nurse Practitioner (AGPCNP) applicants must have completed MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 and MSN-623. Post-Master's certificate students must have completed MSN-615, MSN-621, MSN-622 and MSN-623 or a preapproved transfer equivalents., MSN-644., MSN-600., MSN-600A.

MSN-645 Advanced Primary Care in Adult- Gerontology 2 (3 credits)

This is the second of two theory courses in the AGPCNP Program. Course content is organized by body system and spans the adult-geriatric primary care wellness-illness continuum. Health promotion, health protection, and disease prevention and treatment in adult-geriatric individuals and populations, including the frail elderly, are addressed. There is an emphasis on advanced-practice primary care management of episodic and chronic health problems. Students are expected to 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 primary care to optimize health and health care systems. Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-644 & MSN-644P, MSN-645P

MSN-645P AGPCNP Pract 2 (2 credits)

This course provides a situated experiential learning opportunity, conducted in an outpatient setting where episodic and chronic health problems spanning the adult-geriatric wellness-illness continuum are diagnosed and treated. Under the direct supervision 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. It is expected that students apply theoretical knowledge, skills, and abilities attained in MSN program core courses, build upon prior MSN-644 and MSN-644P learning, and apply the corresponding AGPCNP track theory course (MSN-645) contents, as they partner with patients in the clinical environment to optimize health outcomes. This course includes a 200-hour practicum. Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-644 & MSN-644P, MSN-645

MSN-646 Special Topics Advanced Practice Nursing Gerontology and Related Specialties (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 advanced practice management of end-of-life care. Advanced practice topics relative to the care of older adults in the specialty areas of nephrology, endocrinology, rheumatology, orthopedics, dermatology, oncology and others will be explored. Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-645 and MSN-645P, MSN-646P

MSN-646P AGPCNP Pract 3 (2 credits)

This course provides a situated experiential learning opportunity, typically conducted in an outpatient setting where episodic and chronic health problems spanning the adult-geriatric wellness-illness continuum are diagnosed and treated. In some cases, alternative clinical experiences in geriatric specialty clinical settings may be negotiated with the AGPCNP program chair, for part or all the 200 clinical practice hours required for this course. Key to student placement in a geriatric specialty clinical are the care needs of the population served. Under the direct supervision 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 adult-gerontology primary care. It is expected that students apply theoretical knowledge, skills, and abilities attained in the MSN program core courses and prior AGPCNP track courses, as well as the corresponding AGPCNP track theory courses (MSN-646), as they partner with patients in the clinical environment to optimize health outcomes. Students complete 200 clinical hours this semester. Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-646., MSN-645 and MSN-645P

MSN-647P Adult-Gerontology Primary Care Practicum IV (1-4 credits)**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.

MSN-650C Statistics for Advanced Practice (3 credits)

Admission to the DNP Program. 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.

MSN-653 Adv Clinical Procedures-AG (2 credits)

Admission to the AGACNP or Dual Track program. This is a clinical procedures course wherein graduate nursing students gain knowledge and psychomotor skills commensurate with their future advanced practice role. Through hands-on instruction and supervised practice, students are prepared to maximize experiential learning opportunities in the clinical practice of their program of study. This course involves advanced clinical procedures low-fidelity simulation workshops facilitated by expert clinicians, self-paced self-study online learning modules, interactive case studies, and focused discussion. Professional scope and standards of practice, patient safety, and quality of care are emphasized. Additionally, a digital record of supervised advanced clinical procedures simulation education and practice is created in Typhon; multiple advanced practice continuing education credits (contact hours, including pharmacology hours granted by an American Nurses Credentialing Center [ANCC] sanctioned provider) are completed; and with the permission of faculty, up to 8 hours may be credited toward the clinical practice hours requirement of the student's concurrent practicum course. Current CPR & updated immunization records required. Section-01 is for AGACNP students only. On-campus all-day workshops on 8/22/24 & 8/23/24, 0900-1700. Section 02 is for CNS, FNP, and AGPCNP students only with permission. Hybrid, self paced modules, 8/24/24-12/2/24. *Prerequisite(s)*: AGACNP and Dual Track MSN students: MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 and MSN-623 completed. Post-Master's certificate students: MSN-615, MSN-621, MSN-622 and MSN-623 completed or a preapproved transfer equivalents., AGACNP students: MSN-654. Dual Track students: MSN-694.

MSN-654 Advanced Acute Care Adult-Gerontology 1 (3 credits)

This 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. Current CPR certification and updated immunization records required. *Prerequisite(s)*: AGACNP applicants must have completed MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 and MSN-623. Post-Master's certificate students must have completed MSN-615, MSN-621, MSN-622 and MSN-623 or preapproved transfer equivalents., MSN-654P, MSN-600., MSN-600A.

MSN-654P AGACNP Pract 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. The student completes 200 clinical hours. Current CPR certification and updated immunization records required. *Prerequisite(s)*: AGACNP applicants must have completed MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 and MSN-623. Post-Master's certificate students must have completed MSN-615, MSN-621, MSN-622 and MSN-623 or a preapproved transfer equivalents., MSN-654., MSN-600., MSN-600A.

MSN-655 Advanced Acute Care Adult-Gerontology 2 (3 credits)

This 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. Current CPR certification and updated immunization records required. *Prerequisite(s)*: MSN-654 & MSN-654P, MSN-655P

MSN-655P AGACNP Prct 2 (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. The student completes 200 clinical hours. Current CPR certification and updated immunization records required. *Prerequisite(s)*: MSN-654 & MSN-654P, MSN-655

MSN-656 Advanced Acute & Critical Care Adult-Gerontology (3 credits)

This is the third theory course in the AGACNP program with content focusing 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-656 is advanced practice nursing care management of acute episodic and critical health problems. Students build upon knowledge gained in the MSN program core courses, MSN-654 and MSN-655, applying theoretical frameworks, cultural and generational perspectives, ethical principles, current evidence, and the cost of care in formulating and evaluating adult-gerontology acute care patients to optimize health and health care systems. Critical management of single and multiple body systems as well as the restoration of maximum health in adult individuals and populations, including the frail elderly will also be addressed. Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-655 & MSN-655P, MSN-656P

MSN-656P AGACNP Prct 3 (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 and Critical Care Adult-Gerontology (MSN-656), as they partner with patients in the clinical environment to optimize health outcomes. The student completes 200 clinical hours. Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-656, MSN-655 & MSN-655P

MSN-657P Adult-Gerontology Acute Care Practicum IV (1-4 credits)

Prerequisite(s): Permission from the AGPCACNP program chair. Current CPR and ACLS certification and updated immunization records required. This course offers variable credits. 100-400 practicum hours required this semester (1 credit=100 hours).

MSN-681 Advanced Pathophysiology & Pharmacology in Neonatology (3 credits)

Admission to the NNP program. With permission only. This graduate level course incorporates scientific concepts, principles, and theories into discussion of advanced pathophysiologic processes of the neonate for the advanced practice provider. The course also provides content specific to neonatal pharmacotherapeutics. These two topics are combined in this course to offer a unique understanding of how these two scientific processes relate to the neonate. Neonatal pathophysiology and pharmacotherapeutics will combine processes to connect the combined science that encompasses definition/classification, epidemiology, risk factors, etiology, pathogenesis, and clinical manifestations to the neonatal pathophysiology. This course will provide physiologic and practical knowledge for the neonatal nurse practitioner to pharmacologically manage the health care needs of the neonate at the advanced practice nursing level. Course content focuses on systemic recognition, pathophysiology, and pharmacologic management of common conditions affecting the newborn. Principles and content in neonatal pharmacotherapeutics, including pharmacokinetics, mechanisms of action and potential adverse effects of medications commonly used in the management of acutely and critically ill neonates will be discussed in this course. Current CPR and updated immunization records required.

Prerequisite(s): MSN-600 or MSN-600A., MSN students- MSN-600, MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 and MSN-623 completed. Post-master's certificate students- MSN-600A, MSN-615, MSN-621, MSN-622 and MSN-623 completed or pre-approved transfer equivalents.

MSN-682 Advanced Neonatal Physical Assessment (1 credit)

Available to NNP students only. With permission only. This course is designed to develop the student's knowledge of comprehensive neonatal physical assessment. The content is organized by body system and encompasses the wellness-illness continuum of the preterm and term neonate. The primary emphasis of MSN-682 is to prepare the NNP student to use advanced assessment skills to diagnose and provide differential diagnosis of physical findings in the premature and term neonate within the advanced practice nursing role. Emphasis is on acquisition and analysis of relevant data for the development of a comprehensive and holistic assessment. The major focus is on neonatal assessment in neonates, interpretation of screening and diagnostic tests, history and physical to formulate a differential diagnosis. CPR certification & updated immunization records required.

Prerequisite(s): MSN-681.

MSN-683 Advanced Clinical Procedures in Neonatology (2 credits)

On-campus workshops on 8/23/24, tentative time 0900-1700, the remainder of the course is delivered ONLAS. This course will last be delivered in FALL 2024.

Prerequisite(s): MSN-681 & MSN-682.

MSN-684 Advanced Practice Neonatology 1 (3 credits)

Current CPR and NCC certification and updated immunization records required. This course will last be delivered in FALL 2024.

Prerequisite(s): MSN-681, MSN-682, Must register concurrently for MSN-684P

MSN-684P NNP Pract 1 (2 credits)

Current CPR and NCC certification and updated immunization records required. This course will last be delivered in FALL 2024.

Prerequisite(s): MSN-681, MSN-682, MSN-684

MSN-685 Advanced Practicum Neonatology 2 (3 credits)

Current CPR and NCC certification and updated immunization records required.

Prerequisite(s): MSN-684, MSN-684P, MSN-685P

MSN-685P Neonatal Nurse Practitioner Practicum 2 (2 credits)

Current CPR and NCC certification and updated immunization records required.

Prerequisite(s): MSN-684, MSN-684P, MSN-685

MSN-686 Advanced Critical Care Neonatology 3 (3 credits)

Current CPR and NCC certification and updated immunization records required.

Prerequisite(s): Must have completed MSN-685 and MSN-685P, MSN-686P.

MSN-686P Neonatal Nurse Practitioner Practicum 3 (2 credits)

Current CPR and NCC certification and updated immunization records required.

Prerequisite(s): MSN-685 & MSN-685P, MSN-686

MSN-694 Dual Advanced Primary and Acute Care Adult-Gerontology 1 (3 credits)

This is the first of two theory courses in the Dual AGPCACNP program, wherein content is organized by body system and spans the adult-gerontology wellness-illness continuum. The primary emphasis of MSN 674 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 primary and acute care to optimize health and health care systems. Health promotion and protection, and disease prevention and treatment, as well as the restoration of maximum health in adult individuals and populations, including the frail elderly are also addressed. Current CPR certification and updated immunization records required.

Prerequisite(s): For Dual AG-prim/acute NP track students only. All core Courses completed: MSN-600, MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 & MSN-623. For Post-Master's certificate students MSN-615, MSN-621, MSN-622 and MSN-623 completed., MSN-694P, MSN-600A.

MSN-694P Dual AGPrim/AcuteNP Pract 1 (3 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 primary and/or acute care of adult-geriatric patients, including the frail elderly, thereby progressing toward competence in the delivery of advanced practice adult-gerontology primary and/or acute care. Students complete 300 clinical practice hours, which are appropriately applied toward meeting the primary care and/or acute care clinical practice hour requirements of the Dual AGPCACNP program (1200 hours total: 600 in primary care and 600 in 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 Dual AGPCACNP track theory course, Dual Advanced Primary and Acute Care Adult-Gerontology 1 (MSN-694), as they partner with patients in the clinical environment to optimize health outcomes. Current CPR certification and updated immunization records required.

Prerequisite(s): For AGACNP students only. All Core Courses completed: MSN-600, MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622, MSN-623. For Post-Master's certificate students MSN-615, MSN-621, MSN-622 and MSN-623 completed., MSN-600A., MSN-694.

MSN-695 Dual Advanced Primary and Acute Care Adult-Gerontology 2 (3 credits)

This is the second of two theory courses in the Dual AGPCACNP program, wherein content is organized by body system and spans the adult-gerontology wellness-illness continuum. The primary emphasis of MSN-695 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 primary and acute care to optimize health and health care systems. Health promotion and protection, and disease prevention and treatment, as well as the restoration of maximum health in adult individuals and populations, including the frail elderly are also addressed. Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-694 & MSN-694P, MSN-695P

MSN-695P Dual Primary and Acute Care Adult- Gerontology Practicum 2 (3 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 primary and/or acute care of adult-geriatric patients, including the frail elderly, thereby progressing toward competence in the delivery of advanced practice adult-gerontology primary and/or acute care. Students complete 300 clinical practice hours, which are appropriately applied toward meeting the primary care and/or acute care clinical practice hour requirements of the Dual AGPCACNP program (1200 hours total: 600 in primary care and 600 in 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 Dual AGPCACNP track theory course, Dual Advanced Primary and Acute Care Adult-Gerontology 2 (MSN-695), as they partner with patients in the clinical environment to optimize health outcomes. Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-695, MSN-694 & MSN-694P

MSN-696P Dual Primary and Acute Care Adult- Gerontology 3 (3 credits)

Current CPR certification and updated immunization records required.

Prerequisite(s): MSN-646, MSN-695 and MSN-695P

MSN-697 Independent Study (1 credit)

MSN Independent Study

Prerequisite(s): Summer 2020: Course instructor will contact students for orientation to the course. Prerequisites for this section only: MSN-624P, 634P, 644P, 654P, or 700P; and permission of Director of the Graduate Nursing Programs.

MSN-698P Dual Primary and Acute Care Adult- Gerontology Practicum 4 (3 credits)

Current CPR certification & updated immunization records required.

Prerequisite(s): MSN-656, MSN-696P

MSN-700 Advanced Practice Nursing: Individual and Population Based Health (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)*: CNS applicants must have completed MSN-600. Post-Master's certificate students must register concurrently for MSN-600A., CNS applicants and Post-Master's certificate students must register concurrently for MSN-700P, CNS applicants must have completed MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 and MSN-623. Post-Master's certificate students must have completed MSN-615, MSN-621, MSN-622 and MSN-623.

MSN-700P CNS Practicum 1 (2 credits)

The NACNS describes nursing practice as falling in the Nursing and Nursing Practice sphere, the Client Direct Care sphere, and/or the Organizations and System sphere. Activities that fall within these spheres and are informed by specialty standards of practice, specialty practice, specialty skills/competencies and/or specialty knowledge may accrue toward the clinical hours. Within the MSN Curriculum the APN learner will achieve outcomes within all three spheres of influence. MSN-700 in conjunction with MSN-700P will focus on direct care as it overlaps with organizations/systems and nursing/nursing practice. Program outcomes supported by this course(s) include mastery of communication skills to build interprofessional relationships, provision of patient-focused, evidence-based care in the role of an APN, and synthesis of emerging science and theory to design effective approaches to care. CPR certification current and updated immunization records required. Includes 200 hours of practicum.

Prerequisite(s): CNS applicants and Post-Master's certificate students must register concurrently for MSN-700.

MSN-701 Advanced Practice Nursing: Program Development & Evaluation (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-700 & MSN-700P, MSN-701P

MSN-701P CNS Practicum 2 (Adv Prac Nursing: Prog Dev & Eval) (2 credits)

This clinical practicum is designed to provide students with an in-depth opportunity to plan, design, deliver, and evaluate population-based advanced nursing practice using program development and education models and services. Through this practicum, students have the opportunity to function in the role of the advanced practice nurse using the three spheres of influence with an emphasis on the nurse and nursing practice sphere. The student will reflect on practicum experiences while applying selected theories and frameworks. The overall outcome for the practicum experience will be to perform Clinical Nurse Specialist (CNS) duties that are consistent with the mission, values, and program development goals of the selected practicum site. (This course includes a 200 hour practicum.) Current CPR and updated immunization records required.

Prerequisite(s): MSN-700 & MSN-700P, MSN-701

MSN-730 Advanced Practice Nursing: Leadership For System Improvement (3 credits)

As the final course in the program, students will demonstrate synthesis of previous course contents 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): MSN-701 & MSN-701P, MSN-730P

MSN-730P CNS Practicum 3 (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.) Current CPR and updated immunization records required.

Prerequisite(s): MSN-730, MSN-701 & MSN-701P

MSN-755 Capstone 1 (1 credit)

This course must be taken concurrently with the first or second track practicum course in the student's program of study, depending on their anticipated semester of graduation. Beginning spring 2026, MSN-760 will only be offered in the spring semester. Students are instructed to work with their Nursing Advisor to plan their Capstone 1 and 2 course schedule accordingly to ensure that they are prepared to disseminate their completed Capstone project in May.

Prerequisite(s): MSN-600., All core courses (MSN-602, MSN-603, MSN-615, MSN-616, MSN-617, MSN-621, MSN-622 & MSN-623)., MSN-626, MSN-635, MSN-645, MSN-646, MSN-655, MSN-685 or MSN-701.

MSN-755C 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 500 level nursing courses completed. Take concurrently with MSN-614, MSN-618, MSN-631, MSN-632 and MSN 632p.

MSN-760 Capstone 2 (1 credit)

Available to NNP students only. With permission only. This course must be taken concurrently with the second, third, or fourth practicum course in the student's program of study, depending on their anticipated semester of graduation. Beginning spring 2026, MSN-760 will only be offered in the spring semester. Students are instructed to work with their Nursing Advisor to plan their Capstone 1 and 2 course schedule accordingly to ensure that they are prepared to disseminate their completed Capstone project in May.

Prerequisite(s): MSN-755

MSN-770 Advanced Pharmacotherapeutics (3 credits)

This course builds on the concepts of N-518 & N-519 as students examine and synthesize principles of pharmacokinetics, pharmacotherapeutics, and clinical judgment in the care of clients across the lifespan. Students evaluate genomic pharmacological evidence to discern clinical applications.

Prerequisite(s): MSN-605, MSN-631, N-519

MSN-770C Advanced Pharmacotherapeutics (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. Completed: MSN-618, MSN 627, MSN-628, MSN 628P, MSN-755 The follow courses must be completed or taken concurrently: MSN-629, MSN-775, MSN-776, MSN-760

MSN-775 Advanced Nursing Theory II (3 credits)

MSN-775 cannot be continued (i.e., the student must drop the course) if MSN-776 is dropped. In this course, students begin their transition to the professional nurse role, advancing their clinical judgment and decision-making abilities with a special emphasis on safe patient care across the care continuum, including chronic illness and palliative care.

Prerequisite(s): N-570, MSN-605, MSN-631 & MSN-632, MSN-614, MSN-618, MSN-629 & MSN-770, MSN-776

MSN-776 Nursing Clinical Practice IV (4 credits)

MSN-776 cannot be continued (i.e., the student must drop the course) if MSN-775 is dropped. In this course, students apply knowledge and skills at the advanced level during situated experiential learning opportunities. Focus is on managing multiple complex patients in a health care setting with minimal supervision. Holistic care of diverse and vulnerable complex patients is emphasized.

Prerequisite(s): N-570, MSN-631, MSN-632, MSN-614, MSN-618, MSN-629 & MSN-770, MSN-605, MSN-775