

NURSING (NUR)

NUR 500. Biostatistics. 1 Credit.

This biostatistics course is an introduction to probability concepts and statistical tests currently used in the biological and health sciences. The course covers the application of statistics to data analysis. An emphasis is placed on inferential statistics, which includes estimation, confidence intervals, means, variances and proportions.

Prerequisites: None

Offered: Every year, Fall and Summer Online

NUR 501. Nursing Scholarship and Evidence-Based Practice. 3 Credits.

This course focuses on the principles and processes of evidence-based practice and relationships between theory, research, quality improvement, and evidence-based practice. Research topics such as ethical and cultural issues, methodological procedures associated with scientific investigation and potential barriers to evidence-based practice will be explored.

Prerequisites: None

Offered: Every year, Fall and Summer

NUR 502. Principles of Epidemiology and Biostatistics. 3 Credits.

This course introduces epidemiologic principles, methods and data used to advance nursing practice. Students learn how to examine data and evidence regarding population health including interventions leading to positive health outcomes. Key types of data analysis including descriptive and inferential statistics are covered.

Prerequisites: None

Offered: Every year, Fall and Spring

NUR 503. Advanced Practice Nursing Leadership. 3 Credits.

This course explores the concepts of leadership within the advanced practice nursing role. Leadership behaviors related to health policy, interprofessional and systems-based practice, and ethics are explored.

Prerequisites: None

Offered: Every year, All

NUR 504. Healthcare Technology and Innovation. 3 Credits.

This course will explore how nurses apply technology and innovation to clinical practice allowing nurses to streamline efficiencies, better manage workloads, and increase team communication resulting in more quality time to interact with their patients and involve them in their care and treatment.

Prerequisites: None

Offered: Every year, Spring and Summer

NUR 505. Advanced Nursing Practice. 1 Credit.

This course includes a mentored clinical practicum with an advanced practice nurse and a clinical seminar and provides students with the opportunity to provide direct patient care to individuals, families, groups, and/or communities. This course is designed to advance the knowledge and expertise of students in a clinical area of practice in an advanced practice setting. The course includes 105 hours of clinical practicum.

Prerequisites: None

Offered: Every year, Fall and Summer

NUR 506. Leadership Theory and Principles in Nursing. 3 Credits.

This course examines the application of leadership theories and principles essential for the nurse leader in the healthcare setting. Theoretical frameworks and organizational theory are utilized to support understanding of organizational effectiveness, and policy development and implementation within nursing practice settings. The course will explore the roles and responsibilities of nurse leaders with a focus on effective communication, strategic planning, change management, and the impact of leadership on healthcare quality and safety.

Prerequisites: None

Offered: Every year, Fall and Summer

NUR 507. Human Resource and Change Management for Nurse Leaders. 3 Credits.

This course combines principles of human resources and the change management strategies for nurses in leadership roles to effectively navigate their workforce and to implement organizational changes. The course examines key principles such as talent recruitment, selection, training, employee relations, performance management and organizational behavior. Legal and ethical considerations in the nursing management/leadership role are included in the healthcare industry. The course examines strategies for nurse managers and leaders to lead teams through transitions while fostering a culture that embraces continuous improvement.

Prerequisites: None

Offered: Every year, Fall

NUR 508. Healthcare Finance. 3 Credits.

This course focuses on providing the nurse leader with a basis for understanding the fiscal status of healthcare organizations. The course enables students to learn how to manage financial resources utilizing concepts such as economics, cost structure and allocation, risk management, cost/benefit analysis, budgeting sources of revenue and reimbursement, and effectiveness of business models.

Prerequisites: None

Offered: Every year, Fall and Spring

NUR 509. Leadership Skills in Healthcare. 4 Credits.

This course builds upon leadership theory and principles and expands to the application of key components in the healthcare setting. This includes leadership, management, business, and financial skills. Relevant regulatory, accreditation, quality and safety, and professional nursing standards are explored and integrated into the course as related to the role and scope of the nurse leader. This course includes 240 hours of practicum experience.

Prerequisites: Take NUR 506.

Offered: Every year, Fall and Spring

NUR 510. Educational Theory and Principles. 3 Credits.

This course examines educational theory and principles essential to the nurse educator role in the academic and clinical practice environments. Teaching/learning theories, models and principles are examined as related to the development, implementation, and evaluation of curriculum.

Prerequisites: None

Offered: Every year, Fall and Summer

NUR 511. Curriculum and Program Design. 3 Credits.

This course introduces the components, sequencing and structure of course, curriculum, and program design. Relevant regulatory, accreditation, and professional nursing standards are explored and integrated into the course as related to course, curriculum, and program design.

Prerequisites: None

Offered: Every year, Fall

NUR 512. Teaching Methods in Academia and Practice. 3 Credits.

This course builds upon educational theory and principles and expands to apply curriculum/program design, methods of teaching in the academic and practice settings, and integrating evaluation methods. This may include variations of delivery in the didactic, laboratory, simulation, and clinical practice settings. On-ground and online deliveries and the use of technology are explored. This course includes 120 hours of clinical practicum.

Prerequisites: Take NUR 510.

Offered: Every year, Fall and Spring

NUR 513. Evaluation Methods. 3 Credits.

This course explores the role of the nurse educator in the design, interpretation, and analysis of evaluation of student learning in the academic and clinical settings. Strategies to develop test items and item analysis, valid and reliable tools and rubrics, the evaluation of course outcomes and faculty effectiveness are explored. Evaluation of patient education.

Prerequisites: None

Offered: Every year, Fall and Spring

NUR 514. Epidemiology and Population Health. 2 Credits.

This course introduces epidemiologic principles, methods and data used in advanced nursing practice. Data and evidence from research are used to: assess acute and chronic population health problems/topics, provide effective possible interventions; and address and examine outcomes.

Prerequisites: None

Offered: Every year, All Online

NUR 515. Communications and Conflict Management. 3 Credits.

This course provides an introduction to communication and conflict management skills and systems necessary for effective healthcare delivery and managing or advising healthcare institutions. Students examine communication, negotiation, decision-making, challenging conversations and behavior, effective feedback and conflict system design. Online, spring semester, open to graduate nursing and law students.

Prerequisites: None

Offered: As needed

NUR 516. Health Policy and Organizational Systems. 2 Credits.

This course provides an introduction to various social and political policy environments impacting advanced nursing practice and healthcare systems. Students examine issues that inform healthcare policy, organization and financing. Nursing's advocacy role in shaping policy in organizational, social and political venues is emphasized.

Prerequisites: None

Offered: Every year, Fall and Summer Online

NUR 520. Advanced Health Assessment Across the Lifespan. 3 Credits.

This course presents the principles of performing a comprehensive health assessment and reporting the findings in a professional format. Attention is given to assessment and physical examination across the lifespan within diverse communities. The processes underlying diagnostic decision making are introduced. A laboratory component enables the student to master the techniques of performing a holistic health assessment.

Corequisites: Take NUR 520L.

Offered: Every year, Spring Online

NUR 520L. Advanced Health Assessment Across the Lifespan

Lab.

2 Credits.

This lab must be taken with NUR 520. (2 lab hrs.) An on-ground clinical residency is required.

Corequisites: Take NUR 520.

Offered: Every year, Spring

NUR 522. Advanced Pathophysiology.

3 Credits.

Essential concepts of pathophysiology are emphasized. Selected disorders are studied especially as they relate to homeostatic and defense/repair mechanisms. Where appropriate the course includes clinical correlations of disease states with symptoms and physical findings.

Prerequisites: None

Offered: Every year, Fall Online

NUR 524. Principles of ECG Interpretation.

1 Credit.

This course provides a directed approach to understanding the principles and basic interpretation of electrocardiography as applied in advanced practice nursing. Intended for students in the adult-gerontology and family nurse practitioner tracks.

Prerequisites: None

Offered: As needed

NUR 528. Principles of Radiography.

2 Credits.

The basic principles of radiologic and imaging techniques, recognition of common abnormal findings, indications and contraindications for various tests including cost analysis and availability factors are considered. Intended for students in the adult-gerontology and family nurse practitioner tracks.

Prerequisites: None

Offered: As needed

NUR 530. Advanced Pharmacology.

3 Credits.

Students are introduced to pharmacological management across the lifespan and provided with advanced knowledge of pharmacokinetics. Selected categories of drugs commonly prescribed for management of healthcare problems and health promotion within diverse communities are presented. Controlled substances and the potential for abuse are discussed. The responsibilities and legalities of prescriptive authority in advanced practice are defined.

Prerequisites: None

Offered: Every year, Fall Online

NUR 538. Applying Data to Practice.

2 Credits.

This online seminar introduces students to the uses of data in the healthcare setting. Students learn to interpret data and how to use it to improve patient care outcomes. In addition, they examine electronic data transfer methods and displays that illustrate performance. Finally, students debate the ethical aspects of data access, security and use.

Prerequisites: None

Offered: Every year, Fall Online

NUR 540. Educational Principles for the Healthcare

Professional.

3 Credits.

This course examines the theoretical perspectives of education as it relates to educational leadership and professional development for adult learners. Teaching/learning theories, models and principles are examined as preparation for the design, development, evaluation and revision of professional development-related curricula. Instructional strategies and teaching techniques adapted for diverse populations are explored.

Prerequisites: None

Offered: Every year, Fall Online

- NUR 542. Introduction to Healthcare Finance. 2 Credits.**
This 2-credit online graduate course provides an overview of basic budgeting concepts and processes integral to project planning and project management. Students also are introduced to foundational principles of marketing.
Prerequisites: None
Offered: Every year, Summer Online
- NUR 543. Capstone. 3 Credits.**
This capstone practicum is a culminating experience integrating knowledge and skill learned in other courses into the practice setting. Students complete a synthesis practicum that is an intensive mentored experience in operational leadership in a selected area of interest. (1-credit seminar, 2 credits/240 hours of practicum)
Prerequisites: None
Offered: Every year, Spring Online
- NUR 544. Introduction to Informatics. 3 Credits.**
This online course provides essential knowledge and skills in healthcare informatics to enhance the quality of patient care and outcomes through the assessment, development, implementation, use and evaluation of information technologies. It prepares the nurse to support evidence-based practice and manage patient-care technologies to deliver and enhance interprofessional care and communication for improved coordination of care. The 1-credit practicum provides the opportunity for students to apply essential knowledge and skills in healthcare informatics. (120 practicum hours)
Prerequisites: None
Offered: Every year, Summer Online
- NUR 602. Principles of Ethical Theory in Nursing. 1 Credit.**
This course facilitates the student's formulation of a theoretical basis for ethical judgment at an advanced level of practice. Students analyze ethical theory and debate responses to ethical problems in advanced nursing practice.
Prerequisites: None
Offered: Every year
- NUR 604. Principles of Aging. 3 Credits.**
This course provides a broad overview of the concepts, issues and approaches related to the theoretical aspects of aging. The application of theories and concepts to practice as well as policy is a major focus of this course and prepares students from different healthcare disciplines for service in the field of gerontology. Emphasis is given to holistic aspects that are associated with aging and the dynamic interactions between older people and their environmental changes across the lifespan.
Prerequisites: None
Offered: As needed
- NUR 606. Navigating Telehealth. 3 Credits.**
The course builds a basic knowledge of telehealth and associated technologies for clinical practice. Clinical applications, practice guidelines and standards for telehealth are discussed. Issues surrounding licensure, credentialing, reimbursement and legal/regulatory of those implementing telehealth technologies are explored. Students have telehealth practice experiences in a simulated environment.
Prerequisites: None
Offered: As needed
- NUR 610. Clinical Scholarship and Inquiry in Nursing. 2 Credits.**
This course focuses on improvement methods used to identify organizational systems' process problems affecting practice (direct and indirect care). Building on prior knowledge of evidence-based practice, students learn how to critically appraise scientific evidence, evaluate additional relevant information, and consider cost implications to create sustainable innovations intended to improve systems.
Prerequisites: Take NUR 600.
Offered: Every year, Spring Online
- NUR 614PBL. DNP Project Continuation Course. 1 Credit.**
This course is for those students who continue to work on their DNP Project in the semester(s) after the conclusion of NUR 612 PBL. Students register for this one credit course every semester until their DNP Projects are completed.
Prerequisites: Take NUR 612PBL.
Offered: Every year, All Online
- NUR 617. Nursing Leadership Fellowship: Relationship Management and Strategic Leadership. 3 Credits.**
This online course focuses on developing nursing leaders who are able to generate pragmatic responses to healthcare demands that address the collaborative relationships critical to clinical, educational and organizational success. This course includes 120 hours (1 credit) of experiential learning in the field, with a two-hour online seminar to discuss student experiences and synthesize leadership concepts and skills.
Prerequisites: Take NUR 615.
Offered: Every year, Spring Online
- NUR 623. Global Population Health. 3 Credits.**
This seminar allows each student to examine population health in the context of a global community. The role of the World Health Organization and the Social Determinants of Health are analyzed. The individual student's population health focus is considered in the context of broader global population issues. There are 120 fieldwork hours associated with this course.
Prerequisites: Take NUR 620, NUR 622.
Offered: Every year, Spring Online
- NUR 631. Clinical Practicum and Seminar I for the Primary Care Nurse Practitioner. 3 Credits.**
This course introduces students to clinical practice and includes an online seminar. Students apply advanced health assessment skills to assess patients across the adult lifespan. Students are expected to perform focused and full histories and physicals, formulate differential diagnoses, suggest appropriate laboratory testing, and begin to develop treatment plans. Expectations also include demonstration of presenting patient cases, and appropriate clinical documentation. Students complete 150 hours of clinical time with their preceptor.
Prerequisites: Take NUR 520, NUR 520L, NUR 522, and NUR 530.
Offered: Every year, Summer Online
- NUR 632. Health Promotion and Advocacy. 3 Credits.**
Health promotion, advocacy and mental health problems encountered in primary care settings are considered. A holistic approach to clients from adolescence to senescence is emphasized. Evidence-based guidelines and research are integrated to develop nursing strategies for health promotion and prevention.
Prerequisites: None
Offered: Every year, Spring Online

NUR 634. Reproductive Health Problems in Primary Care. 3 Credits.

Gender-related problems in primary care across the lifespan are the focus of this course. Selected alternative and complimentary therapies are included.

Prerequisites: None

Offered: Every year, Summer Online

NUR 636. Common Problems in Primary Care. 3 Credits.

This course considers diagnoses of common problems encountered in primary care settings. Evidence-based, multidisciplinary management approaches to selected health problems also are discussed. Assessment and management of the selected problems include attention to cultural traditions, alternative treatments and socioeconomic policies that affect the delivery of care. The course is grounded by a holistic approach to care; case studies are used to promote clinical reasoning.

Prerequisites: Take NUR 631.

Offered: Every year, Fall

NUR 638. Laboratory Diagnosis. 2 Credits.

This course introduces students to selected laboratory tests, including cardiac and pulmonary testing. Students discuss the use and interpretation of diagnostics in a variety of primary care problems. Attention to financial considerations in the selection of diagnostics is emphasized.

Prerequisites: None

Offered: Every year, Summer Online

NUR 639. Advanced Specialty Assessment and Diagnostic Reasoning for the Nurse Practitioner in Primary Care. 3 Credits.

This course expands on health assessment across the lifespan by providing an overview of diagnostic tools, procedures, and exams in the assessment, diagnosing, and treating of individuals with acute and chronic illness. This course will be delivered in a hybrid format, with students completing online content including topics such as ECG interpretation, diagnostic exam evaluation and interpretation as well as an on-ground clinical residency where the emphasis will be on competence in a variety of procedures. The emphasis is not only on learning skills, but also on the appropriate use of these skills in a healing context.

Prerequisites: Take NUR 520, NUR 520L, and NUR 522.

Offered: Every year, Summer

NUR 641. Clinical Practicum and Seminar II for the Adult Gerontology Nurse Practitioner. 3 Credits.

This course integrates the principles of primary care nursing and includes a mentored practicum with 240 hours and a clinical seminar. Students apply advanced practice skills to manage acute and chronic health problems across the adult lifespan. Appropriate clinical documentation, case presentation and use of web-based clinical resources are emphasized.

Prerequisites: Take NUR 631.

Offered: Every year, Fall

NUR 642. Complex Problems in Primary Care. 3 Credits.

This course focuses on selected complex, urgent or less frequently encountered problems of primary care across the lifespan from adolescence to senescence. An opportunity to refine differential diagnosis and management of challenging health concerns in diverse populations is provided by the use of case studies.

Prerequisites: Take NUR 636; and NUR 641 or NUR 651.

Offered: Every year, Spring

NUR 643. Clinical Practicum and Seminar III for the Adult Gerontology Nurse Practitioner. 4 Credits.

This course includes a mentored practicum experience with 240 hours and a clinical seminar. It provides further opportunity for advanced nursing practice with diverse adult populations. Students refine primary care skills including appropriate documentation, differential diagnosis, case presentation and technology utilization with attention to cost-effective and evidence-based approaches to care. This course includes a 1-week on-campus immersion.

Prerequisites: Take NUR 641 and NUR 636.

Offered: Every year, Spring

NUR 645. Clinical Practicum and Seminar IV for the Adult Gerontology Nurse Practitioner. 3 Credits.

This course includes a mentored practicum experience of 150 hours and an online seminar. It provides continued opportunity for advanced holistic practice with adults. Seminar prepares students for certification and licensure as adult-gerontology nurse practitioners.

Prerequisites: Take NUR 643.

Offered: Every year, Summer

NUR 651. Clinical Practicum and Seminar II for the Family Nurse Practitioner. 3 Credits.

This course includes a mentored practicum experience and a clinical seminar. Health promotion and assessment of health problems within family systems are emphasized. Students learn primary care skills including appropriate documentation, differential diagnosis, case presentation and technology utilization with attention to cost-effective and evidence-based approaches to care. Students complete 240 hours in direct patient care.

Prerequisites: Take NUR 631.

Offered: Every year, Fall

NUR 652. Primary Care of the Child and Family I. 3 Credits.

This course focuses on healthcare of the child within the family system. Comprehensive assessment and management of common pediatric health problems encountered in primary care settings are addressed.

Prerequisites: Take NUR 631.

Offered: Every year, Fall Online

NUR 653. Clinical Practicum and Seminar III for the Family Nurse Practitioner. 4 Credits.

This course includes a mentored practicum experience of 240 hours and a weekly clinical seminar. It provides an opportunity for nursing practice with families at an advanced level. Comprehensive assessment, clinical decision-making and strategies to facilitate health promotion and health restoration of individuals within family systems are emphasized. This course includes a 1-week on-campus immersion.

Prerequisites: Take NUR 651 and NUR 652.

Offered: Every year, Spring

NUR 654. Primary Care of the Child and Family II. 3 Credits.

This course continues the focus on healthcare of the child within the family system. Primary care management is emphasized.

Prerequisites: Take NUR 651, NUR 652.

Offered: Every year, Spring Online

NUR 655. Clinical Practicum and Seminar IV for the Family Nurse Practitioner. 3 Credits.

This course includes a mentored practicum experience of 150 hours and an online seminar. It provides continued opportunity for advanced holistic practice with families. Seminar prepares students for certification and licensure as family nurse practitioners.

Prerequisites: Take NUR 653.

Offered: Every year, Summer

NUR 660. Advanced Specialty Assessment and Diagnostic Reasoning for the Adult Gerontological Acute Care Nurse Practitioner. 3 Credits.

This course is designed to equip students with the advanced diagnostic reasoning and assessment skills necessary for evaluating and managing acute illness in diverse populations. Building on foundational knowledge of health assessment, this course emphasizes a comprehensive approach to acute care assessment and evidence-based practice for clinical decision making. The emphasis is not only on learning assessment and procedural skills, but also on the appropriate use of these skills in a healing context. This course is grounded by a holistic approach, weaving together comprehensive health assessment and communication strategies. Students will apply concepts throughout the semester and during a required on-ground immersion.

Prerequisites: Take NUR 520, NUR 520L and NUR 522.

Offered: Every year, Summer

NUR 661. Clinical Practicum and Seminar I for the Adult Geriatric Acute Care Nurse Practitioner. 3 Credits.

This clinical practicum is the first in a series of four clinical courses providing an opportunity to integrate theory and practice in supervised clinical experiences with an approved site and preceptor. Students complete 150 clinical hours in the acute care setting. Students will use seminars and simulation to apply and integrate clinical skills while receiving feedback. Emphasis will be placed on defining the NP specialty role and scope, application of clinical and diagnostic reasoning, and the translation of evidence to safe nursing practice.

Prerequisites: Take NUR 520 and NUR 520L.

Offered: Every year, Summer

NUR 662. Advanced Acute Care Pharmacology. 2 Credits.

This course builds upon the previous advanced pharmacology course to prepare the AGACNP student to prescribe medications in the acute care setting. It provides the foundational knowledge of commonly used medications in the acute care setting with emphasis on drug interactions and polypharmacy.

Prerequisites: Take NUR 530.

Offered: Every year, Summer Online

NUR 663. Clinical Practicum and Seminar for the Adult Geriatric Acute Care Nurse Practitioner. 3 Credits.

This clinical practicum is the second in a series of four clinical courses providing an opportunity to integrate theory and practice in supervised clinical experiences with an approved site and preceptor. Students complete 240 clinical hours in acute care settings. Students will use seminars and simulation to apply, integrate, and apply clinical skills while receiving feedback. Emphasis will be placed on ethical and legal considerations and the translation to safe, evidence-based nursing practice for the most commonly occurring acute care problems.

Prerequisites: Take NUR 661.

Offered: Every year, Fall

NUR 664. Acute Care Diagnosis and Management I. 3 Credits.

This is the first course in a series of three to prepare the AGACNP student for safe, reflective, and evidence-based practice. The focus is on strengthening students' ability to formulate differential diagnoses and develop initial treatment plans. Patient management is through a holistic, patient-centered and evidence-based approach, with an emphasis on pharmacologic and non-pharmacologic interventions, triage, and therapeutic relationship with care teams, patients and families.

Prerequisites: Take NUR 660.

Offered: Every year, Fall Online

NUR 665. Clinical Practicum and Seminar III for the Adult Geriatric Acute Care Nurse Practitioner. 4 Credits.

This clinical practicum is the third in a series of four clinical courses providing an opportunity to integrate theory and practice in supervised clinical experiences with an approved site and preceptor. Students complete 240 clinical hours in acute care settings. Students will use seminars and simulation to apply, integrate, and apply clinical skills while receiving feedback. Emphasis will be placed on the clinical and leadership skills required for the interdisciplinary management of complex patients including those with comorbidities, and multiple problems.

Prerequisites: Take NUR 663.

Offered: Every year, Spring

NUR 666. Acute Care Diagnosis and Management II. 3 Credits.

This is the second course in a series of three to prepare the AGACNP student for safe, reflective, and evidence-based practice. The focus is on mastering students' ability to formulate differential diagnoses and develop initial treatment plans. Patient management is through a holistic, patient-centered and evidence-based approach, with an emphasis on pharmacologic and non-pharmacologic interventions, triage, and consideration of social, ethical and legal factors that influence care.

Prerequisites: Take NUR 664.

Offered: Every year, Spring Online

NUR 667. Clinical Practicum and Seminar IV for the Adult Geriatric Acute Care Nurse Practitioner. 3 Credits.

This clinical practicum is the fourth in a series of four clinical courses providing an opportunity to integrate theory and practice in supervised clinical experiences with an approved site and preceptor. Students complete 150 clinical hours in acute care settings. Students will use seminars and simulation to apply, integrate, and apply clinical skills while receiving feedback. Emphasis will be placed on complex patient management in the context of health systems factors.

Prerequisites: Take NUR 665.

Offered: Every year, Summer

NUR 668. Acute Care Diagnosis and Management III. 3 Credits.

This is the final course in a series of three to prepare the AGACNP student for safe, reflective, and evidence-based practice. The focus is on mastering students' ability to formulate differential diagnoses and develop comprehensive treatment plans including advanced clinical decision-making for complex patients. Patient management is through a holistic, patient-centered and evidence-based approach, with an emphasis on pharmacologic and non-pharmacologic interventions, triage, and consideration of systems-based factors that influence health and patient care.

Prerequisites: Take NUR 666.

Offered: Every year, Summer Online

NUR 669. Transition to Practice for the APRN. 1 Credit.

This course is designed to facilitate the nurse practitioner (NP) student with transition into practice. The course will provide a thorough review of the NP role, including the intersection with other healthcare professionals, the scope of practice of the nurse practitioner, and an overview of the professional components that shape practice. This course is designed to provide the student with opportunities to practice the professional skills required for success in their role including, personal, professional, and leadership development, interprofessional practice and partnerships, self-care practices, and use of informatics.

Prerequisites: None

Offered: Every year, Spring

NUR 688. Human Factors and Patient Safety. 3 Credits.

This course examines issues related to human error and patient safety with an emphasis on crisis management. Students explore the theoretical basis of human error, patient safety and quality assurance in healthcare. This course introduces a systems approach to error investigation and analysis, and integrates concepts of teamwork, crisis management, simulation and monitoring systems in medical practice.

Prerequisites: None

Offered: Every year

NUR 700. Advanced Specialty Assessment and Diagnostic Reasoning for the Psychiatric Mental Health Nurse Practitioner Across the Lifespan. 3 Credits.

This course is designed to equip students with the advanced diagnostic reasoning and assessment skills necessary for evaluating and managing psychiatric and mental health conditions across the lifespan in diverse populations. Building on foundational knowledge of health assessment across the lifespan, this course emphasizes a comprehensive approach to mental health assessment and evidence-based practice for clinical decision making. The emphasis is not only on learning skills, but also on the appropriate use of these skills in a healing context. This course is grounded by a holistic approach, weaving together comprehensive mental health assessment and communication strategies across the lifespan while developing and sustaining therapeutic alliance. Students will apply concepts throughout the semester and during a required on-ground immersion.

Prerequisites: Take NUR 520, NUR 520L, and NUR 522.

Offered: Every year, Summer

NUR 702. Psychopharmacology Foundations Across the Lifespan for Psychiatric Mental Health Nurse Practitioner. 2 Credits.

This course builds upon the previous advanced pharmacology course to prepare the PMHNP student for the prescribing of psychotropic medication to treat mental disorders in individuals across the lifespan. It provides the foundational knowledge of the major classes of psychotropic medication, the disorders they treat, and the neurobiology necessary to understand the actions of drugs on the brain.

Prerequisites: Take NUR 522 and NUR 530.

Offered: Every year, Fall

NUR 704. Psychotherapy Foundations Across the Lifespan. 3 Credits.

This course provides psychiatric-mental health nurse practitioner students with a comprehensive foundation in the theory and practice of individual and group psychotherapeutic interventions across the lifespan. Emphasizing the role of the nurse psychotherapist, students will explore theoretical models, evidence-based interventions and communication strategies while developing and sustaining the therapeutic self. Students will learn to compare therapeutic interventions from major schools of psychotherapy and apply interventions matched to client preferences, symptoms, and context. The course is grounded by a holistic approach to care, integrating experiential learning, ethical considerations, trauma-informed principles and self-care strategies for psychotherapists, preparing students for effective clinical practice.

Prerequisites: Take NUR 520 and NUR 520L.

Offered: Every year, Fall

NUR 705. Clinical Practicum and Seminar I for the Psychiatric Mental Health Nurse Practitioner. 3 Credits.

This clinical practicum is the first in a series of four clinical courses providing an opportunity to integrate theory and practice in supervised clinical experiences with an approved site and preceptor. Students complete 150 clinical hours in psychiatric mental health settings across the lifespan. Students will use seminars and simulation to apply and integrate clinical skills while receiving feedback. Emphasis will be placed on defining the NP specialty role and scope, application of clinical and diagnostic reasoning, and the translation of evidence to safe nursing practice.

Prerequisites: Take NUR 520 and NUR 520L.

Offered: Every year, Fall

NUR 706. Psychotherapeutic Interventions Across the Lifespan I. 3 Credits.

This is the first course in a series of four to prepare the PMHNP student for safe, reflective, and evidence-based practice of advanced psychiatric nursing across the lifespan. This course weaves together the application of prerequisite foundational principles of psychotherapy and psychopharmacology for treating commonly occurring psychiatric disorders across the lifespan with consideration for social and structural determinants of mental health. Students will explore the evidence-base for identifying and selecting psychotherapeutic and pharmacologic approaches for commonly occurring psychiatric disorders across the lifespan, while developing a biopsychosocial framework for clinical decision-making. This course is grounded by a holistic approach to patient and self-care as students establish a reflective practice that enhances self-awareness and therapeutic presence. The DSM-5-TR is used as the basis for diagnostic nomenclature.

Prerequisites: Take NUR 700, NUR 702, and NUR 704.

Offered: Every year, Fall Online

NUR 707. Clinical Practicum and Seminar II for the Psychiatric Mental Health Nurse Practitioner. 3 Credits.

This clinical practicum is the second in a series of four clinical courses providing an opportunity to integrate theory and practice in supervised clinical experiences with an approved site and preceptor. Students complete 240 clinical hours in psychiatric mental health settings across the lifespan. Students will use seminars and simulation to apply, integrate, and apply clinical skills while receiving feedback. Emphasis will be placed on ethical and legal considerations and the translation to safe, evidence-based nursing practice for the most commonly occurring psychiatric problems across the lifespan.

Prerequisites: Take NUR 705.

Offered: Every year, Fall

NUR 708. Psychotherapeutic Interventions Across the Lifespan**II. 3 Credits.**

This is the second course in a series of four to prepare the PMHNP student for safe, reflective, and evidence-based practice of advanced psychiatric nursing across the lifespan. This course deepens the student's ability to integrate advanced psychotherapeutic and pharmacologic approaches in managing complex psychiatric disorders across the lifespan and continuum of care with consideration for social and structural determinants of mental health. Students will examine specialized individual, family and individual therapy modalities while integrating pharmacologic management for treatment-resistant and higher risk contexts and complex psychiatric disorders. This course is grounded by a holistic approach to patient and self-care, as students refine self-awareness and emotional intelligence to enhance their therapeutic identity. The DSM-5-TR is used as the basis for diagnostic nomenclature.

Prerequisites: Take NUR 700.**Offered:** Every year, Spring Online**NUR 709. Clinical Practicum and Seminar III for the Psychiatric Mental Health Nurse Practitioner.****3 Credits.**

This clinical practicum is the third in a series of four clinical courses providing an opportunity to integrate theory and practice in supervised clinical experiences with an approved site and preceptor. Students complete 150 clinical hours in psychiatric mental health settings across the lifespan. Students will use seminars and simulation to apply, integrate, and apply clinical skills while receiving feedback. Emphasis will be placed on the clinical and leadership skills required for the interdisciplinary management of complex patients including those with comorbidities, and multiple problems.

Prerequisites: Take NUR 707.**Offered:** Every year, Spring**NUR 710. Psychotherapeutic Interventions Across the Lifespan****III. 3 Credits.**

This is the third course in a series of four to prepare the PMHNP student for safe, reflective, and evidence-based practice of advanced psychiatric nursing across the lifespan. This course provides an in-depth exploration of multimodal approaches such as pharmacogenomic precision, novel psychotherapeutics, and neuromodulation to address co-occurring and treatment-resistant psychiatric disorders across the lifespan. Students will integrate skills of advanced diagnostic reasoning into the management of complex comorbidities, patient-centered treatment planning, and outcome monitoring while refining the therapeutic use of self to effectively navigate complex cases with patients and families. This course is grounded by a holistic approach to patient and self-care. The DSM-5-TR is used as the basis for diagnostic nomenclature.

Prerequisites: Take NUR 708.**Offered:** Every year, Summer Online**NUR 711. Clinical Practicum and Seminar IV for the Psychiatric Mental Health Nurse Practitioner.****3 Credits.**

This clinical practicum is the fourth in a series of four clinical courses providing an opportunity to integrate theory and practice in supervised clinical experiences with an approved site and preceptor. Students complete 240 clinical hours in psychiatric mental health settings across the lifespan. Students will use seminars and simulation to apply, integrate, and apply clinical skills while receiving feedback. Emphasis will be placed on complex patient management in the context of health systems factors.

Prerequisites: Take NUR 709.**Offered:** Every year, Fall**NUR 712. Psychotherapeutic Interventions Across the Lifespan****IV. 3 Credits.**

This is the final course in a series of four to prepare the PMHNP student for safe, reflective, and evidence-based practice of advanced psychiatric nursing across the lifespan. This course synthesizes advanced psychotherapy and psychopharmacology knowledge with a focus on systems-level care, population health, and leadership in psychiatric nursing practice. Students will continue to advance skills of integrating evidence-based psychotherapeutic, pharmacologic, complementary and alternative approaches for managing complex psychiatric conditions across diverse populations and care settings. Emphasis is placed on advocacy, quality, interdisciplinary collaboration, and innovation in psychiatric care delivery. This course is grounded by a holistic approach to patient and self-care. The DSM-5-TR is used as the basis for diagnostic nomenclature.

Prerequisites: Take NUR 710.**Offered:** Every year, Fall Online**NUR 800. Evaluation and Synthesis of Scientific Evidence for Practice.****2 Credits.**

Students review selected processes to identify current best scientific evidence including formulation of asking an answerable question. Students also conduct a review of the literature, critically appraise individual studies, and synthesize the evidence collected. Various methods to evaluate statistical analyses and scientific rigor are emphasized. Discussions focus on strengths and limitations of existing evidence, and application to direct and indirect practice. Iterative writing is a major component of this course.

Prerequisites: None**Offered:** Every year, Fall Online**NUR 810. Clinical Scholarship and Inquiry in Nursing.****2 Credits.**

This course focuses on improvement methods used to identify organizational systems' process problems affecting practice (direct and indirect care). Building on prior knowledge of evidence-based practice and appraisal of scientific evidence, students critically evaluate additional relevant information and consider cost implications to create meaningful, substantive innovations intended to improve systems. This course provides the opportunity for students to identify a health organization or system's opportunity for process improvement based on available aggregate data. There are required 20 clinical practice hours associated with this course.

Prerequisites: Take NUR 800.**Offered:** Every year, Spring Online**NUR 810PBL. DNP Project I.****2 Credits.**

Students begin to develop a substantial and meaningful scholarly DNP Project Proposal that is innovative and evidence-based, reflects the application of credible research findings, is financially sound, feasible, sustainable, and demonstrates value to the organization and population(s) served. There are 100 clinical practice hours required with this course. The course is graded on a pass/fail basis.

Prerequisites: Take NUR 800 and NUR 810.**Offered:** Every year, Summer Online

- NUR 811PBL. DNP Project Continuation. 1 Credit.**
 This course is intended for students who have not yet completed the required work of either NUR 810PBL, NUR 812PBL, or NUR 814PBL. This continuation course allows students to finish the requirements of the related DNP project course, including writing of chapters and clinical practice hours. Students will collaborate with course faculty to establish specific goals and a timeline for completion of the required work. A student may enroll in this course a total of three times with one allowed enrollment for each related course (NUR 810PBL, NUR 812PBL, NUR 814PBL). This course is graded on a pass/fail basis.
Prerequisites: Take NUR 810PBL or NUR 812PBL or NUR 814PBL.
Offered: Every year, All Online
- NUR 812. Leadership and Collaboration for Change in Healthcare. 2 Credits.**
 This course focuses on developing advanced practice nursing leaders who can generate pragmatic responses to healthcare policy, systems, and practice inquiry problems through a collaborative approach.
Prerequisites: Take NUR 810.
Offered: Every year, Summer Online
- NUR 812PBL. DNP Project II. 2 Credits.**
 Students continue experiential learning to create and sustain change through implementation of the approved, scholarly DNP Project Proposal. The project is carried out using appropriate leadership concepts, interdisciplinary team collaboration, and change theory. There are 120 fieldwork hours associated with this course. This course is graded on a pass/fail basis.
Prerequisites: Take NUR 800, NUR 810, NUR 810PBL, and NUR 812.
Offered: Every year, Fall Online
- NUR 813. Nursing Leadership Seminar: Applying Data to Practice. 2 Credits.**
 This online seminar develops students' skills in identifying, critiquing and applying data in healthcare. Students investigate evidence-based research and how that data is used to improve health system outcomes. In addition, they examine electronic data transfer methods and displays that illustrate performance. Finally, students debate the ethical aspects of data access, security and use.
Prerequisites: None
Offered: Every year, Spring Online
- NUR 814PBL. DNP Project III Based Healthcare. 1 Credit.**
 This is the final course in the DNP Project series. Students continue experiential learning and focus on data analysis, project sustainability, and project dissemination. Students complete an oral DNP doctoral defense of their project and submit the written final manuscript. Additionally, project outcomes are disseminated to key stakeholders at the clinical practice site using a variety of media. There are 20 clinical practice hours in this course. This course is graded on a pass/fail basis.
Prerequisites: Take NUR 800, NUR 810, NUR 810PBL, NUR 812, and NUR 812PBL.
Offered: Every year, All Online
- NUR 815. Nursing Leadership Seminar and Fieldwork Experience: Safety and Legal Contexts of Healthcare. 3 Credits.**
 This two-hour clinical seminar accompanies 120 hours of experiential learning in the field, with an emphasis on safety and legal concepts in healthcare. Human factors analysis and systemic quality improvement for increased patient and provider safety are discussed.
Prerequisites: Take NUR 813.
Offered: Every year, Fall Online
- NUR 817. Nursing Leadership Fellowship: Relationship Management and Strategic Leadership. 3 Credits.**
 This online course focuses on developing nursing leaders who are able to generate pragmatic responses to healthcare demands that address the collaborative relationships critical to clinical, educational and organizational success. This course includes 120 hours (1 credit) of experiential learning in the field, with a two-hour online seminar to discuss student experiences and synthesize leadership concepts and skills.
Prerequisites: Take NUR 815.
Offered: Every year, Spring Online
- NUR 820. Principles of Population-Based Healthcare. 2 Credits.**
 This course examines policies impacting health across a broad spectrum of healthcare conditions and settings. Students discuss the contributions of nursing to population health.
Prerequisites: None
Offered: Every year, Spring Online
- NUR 821. Post-Master's Additional Graduate Clinical. 0.5-4 Credits.**
 This course provides experiential learning opportunities for students to apply advanced knowledge and skills to reach the 1,000 post-baccalaureate hours required for the Doctor of Nursing Practice (DNP) degree. Students collaborate with course faculty and a preceptor/mentor to develop a focused, individualized plan for clinical practice hours that meet advanced nursing competencies. There is an emphasis on leadership development and the translation of evidence into practice. One credit is equivalent to 120 hours. This course is graded on a pass/fail basis.
Prerequisites: None
Offered: Every year, Spring and Summer
- NUR 822. Population Health: Factors Affecting Specific Populations. 3 Credits.**
 This seminar allows each student to examine contemporary issues surrounding advanced nursing practice and population health within the context of the individual student's population health focus. There are 120 clinical hours associated with this course.
Prerequisites: Take NUR 820.
Offered: Every year, Fall Online
- NUR 823. Global Population Health. 3 Credits.**
 This seminar allows each student to examine population health in the context of a global community. The role of the World Health Organization and the Social Determinants of Health are analyzed. The individual student's population health focus is considered in the context of broader global population issues. There are 120 clinical hours associated with this course.
Prerequisites: Take NUR 820 or NUR 822;
Offered: Every year, Spring Online
- NUR 828. Strategic Leadership and Systems Thinking. 3 Credits.**
 This course focuses on the integration of strategic leadership principles and systems thinking within advanced practice nursing to develop leaders who can generate pragmatic responses to quality, safety and practice inquiry problems as well as healthcare policy. Students will apply theoretical frameworks and leadership strategies that enhance healthcare delivery and promote organizational effectiveness while facilitating a collaborative approach to change.
Corequisites: Take NUR 830.
Offered: Every year, Spring

NUR 830. Evidence Based Practice and Scholarly Writing for Advanced Nursing Practice. 4 Credits.

This course provides students with the knowledge and skills necessary to engage in evidence-based practice (EBP) and scholarly writing to improve health outcomes in advanced nursing practice. Emphasis is placed on formulating clinical questions and appraising and synthesizing the evidence. Through structured writing assignments, peer feedback, and faculty mentorship, students will build proficiency in scholarly writing with a focus on clarity, structure, APA formatting, and scholarly voice.

Prerequisites: None

Offered: Every year, Fall and Spring

NUR 832. Health Policy and Ethics. 3 Credits.

This course prepares students to critically analyze, influence, and lead health policy initiatives aimed at achieving ethical, equitable, and socially just health outcomes for diverse populations. The course emphasizes policy advocacy skills, as well as an understanding of the ethical and legal responsibilities inherent to doctoral-prepared and advanced practice nurses. Students will integrate core principles of policy and ethics into clinical and system-level decision-making. Through rigorous analysis of health policy, regulatory frameworks, and ethical theories, students will develop the competencies necessary to assume leadership roles in shaping policy at the institutional, local, state, national, and global levels.

Corequisites: Take NUR 830.

Offered: Every year, Spring

NUR 834. Data Management and Analytics for Advanced Nursing Practice. 3 Credits.

This course provides students with advanced knowledge and skills to analyze and manage data to inform practice decisions. There is a focus on clinical data management, statistical analysis, quality improvement methodologies, benchmarking performance, and data visualization. Students will integrate data-driven decision making to improve patient outcomes, enhance clinical decision-making, and optimize healthcare delivery.

Corequisites: Take NUR 830.

Offered: Every year, Spring and Summer

NUR 835. DNP Leadership Practicum and Seminar. 3 Credits.

In this course, students engage in seminar and experiential learning activities that apply advanced knowledge and skills in nursing leadership to influence policy, regulation, legislation, business and financial planning, human resources, and team management. There is a focus on ethical, system-based approaches to leadership practice and healthcare delivery. There are 120 clinical practice hours in this course.

Corequisites: Take NUR 828, NUR 834, NUR 838.

Offered: Every year, Summer

NUR 836. Advanced Principles of Population Health and Epidemiology. 3 Credits.

This course prepares students to apply epidemiological principles, population-level data, and systems thinking to improve health outcomes across diverse settings and populations. Emphasis is placed on integrating such data and public health strategies to develop, implement, and evaluate population-level interventions that prevent disease and reduce health disparities. Students will explore the distribution and the structural and social determinants of health and disease, and the role of social, environmental, and behavioral factors that influence population level health. Students will develop skills in data analysis using health informatics to drive change.

Corequisites: Take NUR 830.

Offered: Every year, Fall

NUR 837. DNP Population Health Practicum and Seminar. 3 Credits.

In this course, students engage in seminar and experiential learning activities that apply advanced knowledge and skills that impact population health. There is a focus on advocacy, policy, data analysis, program planning, and emergency preparedness to improve and protect the health of populations through evidence-based initiatives. There are 120 clinical practice hours in this course.

Corequisites: Take NUR 832, NUR 834, NUR 836.

Offered: Every year, Spring

NUR 838. Applied Finance and Healthcare Economics. 3 Credits.

This course provides students with a comprehensive foundation in healthcare economics, finance, and resource management as they relate to advanced nursing practice and complex healthcare systems. With a focus on economic principles, fiscal management methods, and business strategies, students will analyze market drivers and payment models that shape healthcare delivery. This course prepares students to evaluate and advocate for processes that balance productivity with quality and safe care to design effective and realistic care delivery systems that optimize value and cost-effectiveness.

Corequisites: Take NUR 830.

Offered: Every year, Fall

NUR 840. Quality Improvement and Safety. 3 Credits.

This course aims to empower nurse leaders to drive systemic change and enhance healthcare delivery through quality improvement methods. With a major focus on translation models and frameworks, students will appraise scientific evidence and consider cost implications to create evidence-based sustainable innovations to achieve quality and safe care across diverse populations. This course includes 20 clinical practice hours.

Corequisites: Take NUR 835 or NUR 837.

Offered: Every year, Summer

NUR 840PBL. DNP Project I. 3 Credits.

This is the first DNP project-based learning (PBL) course that provides students with advanced knowledge, skills, and experiential learning to analyze the background and significance of a problem, refine the local problem using quality improvement methods, and synthesize high-quality research findings with clinical expertise and patient preferences to identify feasible interventions for the scholarly project. There is a focus on project leadership at the clinical site, scholarly writing, and beginning the DNP evidence-based quality improvement project proposal. There are 100 clinical practice hours in this course. The course is graded on a pass/fail basis.

Prerequisites: Take NUR 840.

Offered: Every year, Fall

NUR 841PBL. Dnp Project Continuation. 1-3 Credits.

This project-based (PBL) learning course is intended for Doctor of Nursing Practice (DNP) students who have not yet completed the required work of either NUR 840PBL, NUR 842PBL, or NUR 844PBL. This continuation course allows students to finish the requirements of the related DNP project course, including writing of chapters and clinical practice hours. Students will collaborate with course faculty to establish specific goals and a timeline for completion of the required work. A student may enroll in this course a total of three times with one allowed enrollment for each related course (NUR 840PBL, NUR 842PBL, NUR 844PBL). This course is graded on a pass/fail basis.

Prerequisites: Take NUR 840PBL, or NUR 842PBL, or NUR 844PBL.

Offered: As needed, All

NUR 842PBL. DNP Project II.

3 Credits.

This is the second DNP project-based learning (PBL) course that provides students with advanced knowledge, skills, and experiential learning.

In this course, students develop a robust and sustainable quality improvement plan to improve an identified quality gap. Students focus on leadership change theory, quality improvement methods, ethical data collection and security, process and outcome measures, and data analysis plan. There are 120 clinical practice hours associated with this course. This course is graded on a pass/fail basis.

Prerequisites: Take NUR 840PBL.

Offered: Every year, Spring

NUR 844PBL. DNP Project III.

2 Credits.

This is the final project-based learning (PBL) course for the Doctor of Nursing Practice (DNP) project. Students continue experiential learning and focus on data analysis, project sustainability, and project dissemination. Students complete an oral DNP doctoral defense of their project and submit the written final manuscript. Additionally, project outcomes are disseminated to key stakeholders at the clinical practice site using a variety of media. There are 20 clinical practice hours in this course. This course is graded on a pass/fail basis.

Prerequisites: Take NUR 842PBL.

Offered: Every year, Summer