NURSG 502
Clinical Decision-Making and Advanced Health Assessment With Adults
3 Credit Hours
This course assists students to develop effective clinical interviewing, focused history-taking, and advanced physical assessment skills. Course content builds upon the student’s foundational knowledge of pathophysiology, microbiology and anatomy. The underlying approach to assessment stresses a holistic view of clients as complex beings possessing physical, emotional, social and spiritual health needs and resources.

NURSG 503
Advanced Pathophysiology
3 Credit Hours
This course describes the etiology, natural history, developmental considerations, pathogenesis, and clinical manifestations of specific disease processes. In this course students will acquire a deeper understanding of some of the mechanisms of disordered physiology that underlie the disease conditions commonly encountered in practice settings. Knowledge of pathophysiological processes will be linked to the clinical manifestations of disease and will ultimately form the basis for clinical diagnosis and decision-making regarding therapeutic interventions in future courses.

NURSG 504
Philosophical and Theoretical Foundations of Advanced Nursing
3 Credit Hours
This course focuses on the ethical and theoretical foundations of advanced nursing. Personal narratives from clinical practice are analyzed from the perspectives of several ways of knowing. Selected ethical and aesthetic theories as well as theories from nursing, physical sciences, social and behavioral sciences, and organizational management are analyzed and applied. Reflexive practice, scholarly writing, and transformational learning in graduate education are emphasized.

NURSG 505
Advanced Health Assessment for Family Nurse Practitioners
3 Credit Hours
Pre/Corequisite: P (RQ) NURSG-503, E: NURGL-505 (RQ)
This didactic and laboratory course assists students to develop effective clinical interviewing, focused history-taking, advanced physical assessment and clinical decision-making skills. Course content builds upon the student’s foundational knowledge of pathophysiology, microbiology and anatomy. The underlying approach to assessment stresses a holistic view of clients as complex beings possessing physical, emotional, social and spiritual health needs and resources, living as individuals within families and communities. This three semester hour course contains two semester hours of didactic instruction and one semester hour of clinical laboratory.

NURSG 509
Nursing Inquiry
3 Credit Hours
Pre/Corequisite: P (RQ) NURSG-504 NURSG-517 Basic statistics course or passing score on statistics competency exam
This course focuses on methods of inquiry as a basis for the expansion of knowledge in nursing. Philosophical foundations of qualitative and quantitative methods are explored. Methodological approaches that use qualitative analysis are compared with those that require quantification and statistical analysis of data. Emphasis is placed on the congruence between the research problem and the research design. Analysis of research studies and the ability to develop a research proposal are expected outcomes of this course. Current issues in nursing research, including those of critique, collaboration and publication are discussed. NOTE: Basic statistics course or passing score on statistics competency exam is prerequisite.

NURSG 512
Advanced Pharmacology
3 Credit Hours
This course focuses on the pharmacologic effects and clinical uses of selected drug groups. Principles of pharmacodynamics and pharmacokinetics are reviewed. The issues of altered pharmacotherapeutic response relative to physiologic and psychosocial variables will be included. Pharmacologic mechanisms in association with side effects, drug interactions, contraindications and patient education will be addressed.

NURSG 517
Health Care Systems Financing
3 Credit Hours
This course focuses on the transformation of the American health care system. The corporatization of health care and the complexities of health care delivery and related financing of that care are addressed. Efforts on quality care, now linked to reimbursement for that care, are the emphasis for health care systems’ policies today. Included are the basic concepts of quality, safety, improving health outcomes and related policy analysis. The course also provides an opportunity for practical application of budgeting through cost analysis, and the use of financial information for decision and policy making in providing quality health care.

NURSG 518
RN to MSN Bridge Course RN to MSN Bridge Course
3 Credit Hours
Pre/Corequisite: P (RQ) NURS-484
This course provides a bridge from the RN to BSN curriculum into the MSN curriculum. Included are the basic concepts of cost, quality, safety of care and improving health outcomes. The course also provides an opportunity for practical application of concepts through a change project cost/benefit analysis in providing quality health care. Students will develop effective written professional communication skills. The course includes an introduction to the U.S. health care system and analysis of that system and associated policies. NOTE: Completion of the RN-BSN class requirements with a GPA of 3.0
NURSG 519  
**Primary Care of Women and Children**  
3 Credit Hours  
*Pre/Corequisite: P (RQ) NURSG-505, C: NURGP-519 (RQ)*  
This is the first of three primary care delivery courses for Family Nurse Practitioner students. With an emphasis on women's and children's health, assessment and management strategies for problems commonly encountered in primary care are introduced. Students work closely with primary care providers in clinical settings in developing clinical decision-making skills integral to the role of the family nurse practitioner.

NURSG 523  
**Clinical Leader Role I**  
2 Credit Hours  
This is the first of four courses specific to the Clinical Leader (CL) role. The course provides a foundation for implementation of the role. Students focus on the CL role and its contribution to improve patient outcomes, ensure quality care and reduce health care costs. Concepts, theories and issues related to nursing leadership and care environment management are investigated in depth. End of program competencies for the Clinical Nurse Leader role will be discussed. The practicum facilitates role clarification and application of microsystem analysis. This course requires a minimum of 75 non-preceptored clock hours of practicum.

NURSG 524  
**Clinical Leader Role II**  
3 Credit Hours  
*Pre/Corequisite: P (RQ) NURSG-523*  
This is the second of four practicum courses in the Clinical Leadership track. Students apply elements of the CL curriculum with a selected cohort of clients in a practice setting. The practicum facilitates development of skills for advocacy and leadership in a microsystem as a means to promote positive change in a health care delivery system while putting best practices into action. Periodic seminars provide opportunities for CL students, faculty and mentors to discuss issues and assess experiences related to implementation of this role. This course requires a minimum of 75 clock hours of preceptored practicum.

NURSG 525  
**Pharmacology for Advanced Practice Nursing**  
1 Credit Hour  
*Pre/Corequisite: P (RQ) NURSG-552, C: NURSG-535 (RQ)*  
This course focuses on the application of pharmacologic and pharmacotherapeutic principles in primary care. Pharmacological mechanisms of action in association with drug interactions, incompatibilities, side effects, contraindications and client education are addressed. Clinical uses of selected drug groups are explored through a case study approach. Issues related to prescriptive practice are discussed.

NURSG 535  
**Management of Common Problems in Primary Care**  
3 Credit Hours  
*Pre/Corequisite: P (RQ) NURSG-519 NURGP-519, C: NURGP-535 (RQ)*  
This is the second of three primary care delivery courses for Family Nurse Practitioner students. Assessment and management strategies for problems commonly encountered in primary care are introduced. Students work closely with primary care providers in clinical settings in developing clinical decision-making skills integral to the role of the family nurse practitioner.

NURSG 536  
**Management of Complex Problems in Primary Care**  
3 Credit Hours  
*Pre/Corequisite: P (RQ) NURSG-535, NURGP-535, C: NURGP-536 (RQ)*  
This is the final course of three primary care delivery courses for Family Nurse Practitioner students. Assessment and management strategies for complex problems in primary care are introduced. A minimum of 225 hours of clinical practicum is required for this course. Students work closely with primary care providers in clinical settings to develop clinical decision-making skills integral to the role of the family nurse practitioner. The student will synthesize elements of clinical management skills and knowledge and analyze, apply and evaluate diverse aspects of patient assessment and health care interventions.

NURSG 537  
**Family Nurse Practitioner Role Synthesis**  
2 Credit Hours  
*Pre/Corequisite: P (RQ) NURSG-535*  
Current concepts, theories, and issues relevant to the family nurse practitioner role are analyzed. The multifaceted role of the family nurse practitioner as primary care provider, educator, researcher, manager, and consultant is examined. Focus will be placed on how the evolution of these roles has influenced the development, transition, and implementation of today's advanced nursing practice. Professional competencies, educational requirements, and regulatory controls will be discussed.

NURSG 544  
**Epidemiology and Population Based Health Care**  
3 Credit Hours  
*Pre/Corequisite: P (RQ) NURSG-509*  
This course emphasizes the use of epidemiological research in population based health care. The essential elements of the community health/needs assessment method are applied to assess health needs and/or problems of a population/community or an aggregate in the community. Students have opportunities to apply principles of epidemiology including analysis of occurrence, distribution, determinants, and consequences of health-related states and diseases. Analysis of aggregate data from public domain websites is also included to evaluate the effectiveness of interventions to improve population health care outcomes. Students have opportunities to study disease(s) and apply strategies that promote health in diverse population groups. Students will design population centered and culturally responsive strategies to promote health.
and health related interventions for populations, communities and aggregates in a community.

NURSG 545
Executive Leader Role I
2 Credit Hours
This is the first of four courses specific to the, Executive Leader (EL) role. Students focus on the, EL role and its contribution to executive, practice which sets the vision for nursing practice in the delivery of safe, timely, efficient, equitable and patient-centered care. Working within a collaborative and, inter-professional environment, the nurse in, administrative practice is influential in, improving the patient experience of care, (including quality and satisfaction), improving, the health of populations and reducing the per, capita cost of health care. Concepts, theories, and issues related to nursing administrative, leadership are investigated in depth. The AONE, Nurse Executive Competencies that identify the, common core set of competency domains for health, care leadership - communication and relationship, management; knowledge of the health care, environment; leadership; professionalism.; business skills and principles - will be discussed. The practicum facilitates role clarification and, application of organizational analysis.

NURSG 552
Advanced Pharmacology for FNP’s
3 Credit Hours
This course focuses on the pharmacologic effects, and clinical uses of selected drug groups., Principles of pharmacodynamics and, pharmacokinetics will be reviewed. The issues of, altered pharmacotherapeutic response relative to, physiologic and psychosocial variables will be, included. Pharmacologic mechanisms of action in, association with side effects, drug interactions,, contraindications and patient education will be, addressed. All course objectives will be considered from the perspective of the Family Nurse Practitioner as a licensed prescriber of medications.

NURSG 553
Communication, Culture, Conflict and Collaboration in Contemporary Health Care
3 Credit Hours
This course addresses expressions of health, illness, caring and healing from trans-cultural and communication-focused perspectives. Understanding and developing professional competence in caring for and working with individuals, families, groups, and communities with diverse cultural backgrounds is emphasized. Patterns of human communication and interaction with health care clients and professional colleagues are considered in terms of theories and practical skills of communication, conflict resolution and professional collaboration. The impact of negative patterns of interaction (e.g., stereotyping, discrimination and marginalization) on health care disparities is considered.

NURSG 555
Administrative Leadership in Nursing I
3 Credit Hours
Pre/Corequisite: P (RQ) NURSG-558
This course emphasizes leadership and managerial skills as well as organizational assessment as the foundation for advanced nursing practices in complex or integrated health care systems. Theoretical content includes theories of leadership, management, and motivation; and principles of quality management, continuous quality improvement, risk management, and patient and employee safety. Frameworks for organizational assessment, program planning, and program evaluation are explored. Students acquire leadership and managerial skills that will be applied in subsequent practicum courses to enhance advanced practice in nursing administration. Learning experiences derived from this course serve as the basis for organizational assessment, and development of interventions to promote the functions of the organization.

NURSG 556
Administrative Leadership in Nursing Practicum I
2 Credit Hours
Pre/Corequisite: C (RQ) NURSG-555
This is the first practicum course for the administrative leadership in nursing sequence at the advanced level. Practicum experiences provide opportunities for students to apply content from the theory course (NURSG 555) to an advanced nursing practice setting. Working with the preceptor and the clinical faculty, the student conducts an organizational assessment and develops a project focusing on a specific population or an aggregate served by the clinical agency. This course requires a minimum of 135 clock hours of practicum and 15 hours of seminar (150 hours total).

NURSG 557
Information Technology in Health Care and Outcomes
3 Credit Hours
This course provides an overview of the various ways in which information technology is used in health care and education. Following an introduction to the principles of information science and information systems, students explore the practical applications and strengths and limitations of various information technologies. Applications of technology in the care of individuals, populations and communities are addressed, including aspects of tele-health. Students gain experience using and interpreting data from administrative and clinical health information databases in order to develop plans for quality assurance and outcomes evaluation. Students will interact with information management applications related to administration, clinical practice, education and research.

NURSG 558
Advanced Health Care Finance
3 Credit Hours
Pre/Corequisite: P (RQ) NURSG-517
This course examines financial and economic concepts and techniques of managing a health care agency or organization in a variety of settings. The focus is on financial knowledge and information as applied to health care agencies or integrated health care delivery systems, including budget concepts,
financial analysis, and the integration of strategic goals and objectives with financial planning. Current issues related to the economics of health care, including the political and ethical issues involved in containing health care costs, are explored.

NURSG 562
Administrative Leadership in Nursing II
3 Credit Hours
Pre/Corequisite: P (RQ) NURSG-555, P: NURSG-567 (RQ)
This is the second theory course in the administrative leadership in nursing sequence at the advanced level. Course content focuses on the leadership role of advanced nursing administrative practice in developing, implementing, and evaluating initiatives to manage and improve organizational practices and outcomes. Students acquire skills in program planning and evaluation for health improvement and outcomes research, especially quality improvement, change management and human resources management.

NURSG 567
Administrative Leadership in Nursing Practicum II
2 Credit Hours
Pre/Corequisite: P (RQ) NURSG-555, NURSG-556, C: NURSG-562 (RQ)
This is the second sequential practicum course for the Administrative Leadership in Nursing track. Practicum experiences provide opportunities for students to apply content from the theory course (NURSG 562) in an advanced nursing practice setting. Working with the site preceptor and practicum faculty, student conducts leadership project focusing on an issue related to health care delivery to fill the course objectives.

NURSG 568
Advanced Health and Social Policy
3 Credit Hours
Pre/Corequisite: P (RQ) NURSG-517
This course focuses on health policy analysis and utilizes various methods of critique to analyze health and social policy development. Organizational, local government, state and national policies will be discussed and examined. Use of health data and information related to policy available from the public domain is highly encouraged. Students will analyze and propose solutions to issues of policy related to their own professional interests.

NURSG 578
Administrative Leadership in Nursing Capstone
2 Credit Hours
Pre/Corequisite: P (RQ) NURSG-562, NURSG-567
This is the final sequential clinical course in the executive leadership track. This course is an applied capstone experience at the end of each student's program of study and provides an opportunity for the student to gain experience in a particular area of administrative leadership interest. The clinical practicum component of the course is designed to be a project conducted independently by the student at a setting of the student's choice. The student works with a preceptor and the instructor to develop specific goals and objectives, and submits a summary of the project at the completion of the course. This course requires a minimum of 135 clock hours of practicum and 15 hours of seminar.

NURSG 589
Individualized Study
1 to 6 Credit Hours
This course is an intensive individual study of a topic related to the nursing profession. Specific goals are reviewed and agreed upon by the student, the student's advisor, and the instructor involved. A written contract is developed. A final written report of the study is required.

NURSG 605
Administrative Leadership I
3 Credit Hours
Pre/Corequisite: P (RQ) NURSG-545
This theory/practicum course emphasizes leadership and managerial skills as well as organizational assessment as the foundation for advanced nursing practices in complex or integrated health care systems. Theoretical content includes theories of leadership, management, and motivation; and principles of quality management, continuous quality improvement, risk management, and patient and employee safety. Frameworks for organizational assessment, program planning, and program evaluation are explored. Students acquire leadership and managerial skills that will be applied in subsequent practicum courses to enhance advanced practice in nursing administration. Learning experiences derived from this course serve as the basis for organizational assessment and development of project based interventions to promote the functions of the organization. Practicum experiences provide opportunities for students to apply content to an advanced nursing practice setting. Working with the preceptor and the practicum faculty, the student builds on the organizational assessment from NURSG 545 and develops a project proposal focusing on a specific population or an aggregate served by the practicum agency. (75 preceptored practicum hours)

NURSG 606
Administrative Leadership II
3 Credit Hours
Pre/Corequisite: P (RQ) NURSG-545, NURSG-605
This is a second theory/practicum course in the Executive Leadership in nursing option at the advanced level. Course content focuses on the, leadership role of advanced nursing, administrative practice in developing, implementing, and evaluating initiatives to, manage and improve organizational practices and, outcomes. Students acquire skills in program, planning, and program evaluation for health improvement, and outcomes research, especially quality, improvement, change management, and human, resources management. Practicum experiences, provide opportunities for students to apply content in an advanced nursing practice setting. Working with the, site preceptor and practicum, faculty, the student conducts a leadership project, focusing on an issue related to health care, delivery to fulfill the course objectives. (150, preceptored practicum hours)
NURSG 607
Administrative Leadership Capstone
3 Credit Hours
Pre/Corequisite: P (RQ) NURSG-545, NURSG-605, NURSG-606
This is the final sequential theory/practicum, course in the Executive Leadership track. This course is an applied capstone experience at the end of each student's program of study and provides an opportunity for the student to gain, experience in a particular area of administrative, leadership interest. The clinical practicum, component of the course is designed to be a project evaluation conducted independently by the student at a setting of the student's choice. The student works with a preceptor and the instructor, to develop specific goals and objectives, and submits a summary of the project evaluation at the completion of the course. (150 preceptored, practicum hours)

NURSG 608
Nurse Educator Role
2 Credit Hours
This is the first of four courses specific to the Nurse Educator role. The course provides a foundation for the implementation of the role. Field experiences enable students to explore the NLN Competencies for the Academic Nurse Educator, to understand the impact of the faculty role in the advancement of the nursing profession. Students will examine learning theory and conceptual frameworks. Foundational principles of the scholarship of teaching and roles and challenges for the nurse educator in traditional and non-traditional settings are explored.

NURSG 609
Clinical Practice Practicum
3 Credit Hours
Pre/Corequisite: P (RQ) NURSG-502 NURSG-503 NURSG-512 NURSG-608
This is the second of four courses specific to the Nurse Educator role. The didactic portion of the course focuses on roles and responsibilities that are applicable to advanced clinical practice in any setting; for example, evidence-based practice, consulting on complex patients, and teaching and interprofessional collaboration. The practicum immersion experience provides the opportunity to expand clinical proficiency in an identified area of advanced nursing practice. During the practicum portion, students will collaborate with a MSN-prepared preceptor in the identified area of advanced nursing practice in order to develop in-depth knowledge and expertise in a particular area of nursing that includes graduate-level clinical practice content and experiences, and expand their exposure to a variety of clinical situations and management strategies. There are 150 hours of preceptored practicum in this course.

NURSG 610
Learning Principles and Instructional Methods for the Adult Learner
3 Credit Hours
Pre/Corequisite: P (RQ) NURSG-608
This is the third of four courses specific to the Nurse Educator role. Basic principles of curriculum design and formulation of program outcomes are introduced. The focus is on course planning, with emphasis on evidence-based educational strategies and learning activities that facilitate learning in a variety of settings. Online seminar and preceptored practicum activities assist the NE student to demonstrate application of theoretical principles and specific teaching-learning practicum strategies in clinical, simulation, online and classroom instructional situations. A particular focus is effective communication between teacher and learner and sensitivity to varying needs of learners based on culture, disabilities, and educational background. Integration of core professional nursing values and the core concepts of clinical decision-making, communication, and cultural competence into the curricular plan are discussed. There are 75 hours of preceptored practicum in this course.

NURSG 611
Nurse Educator Role Practicum
3 Credit Hours
Pre/Corequisite: P (RQ) NURSG-610
This is the final course specific to the Nurse Educator role. This course focuses on the development of skills in assessment and evaluation strategies as applied to course and program learning outcomes. Evidence-based practices for evaluation of learning in both classroom and clinical settings are analyzed and applied. Ethical and legal implications of classroom and clinical evaluation are explored. During the practicum portion, students will collaborate with a faculty mentor to create teaching-learning activities that include preparing and delivering didactic lectures in face-to-face and online environments, providing feedback to learner assignments, designing and conducting simulation activities, choosing clinical assignments, supervising learners in the clinical setting, leading pre- and post-clinical conferences, and evaluating learners in the clinical setting. There are 150 hours of preceptored practicum in this course.

NURSG 612
Clinical Leader Immersion I
3 Credit Hours
Pre/Corequisite: P (RQ) NURSG-524
This is the third practicum course in the Clinical Leader track. Students enhance skills in advocacy and leadership for reforming a health care delivery system while putting best practices into action. The practicum facilitates development of a project to promote positive change in the microsystem. Periodic seminars provide opportunities for CL students, faculty and mentors to discuss issues and assess experiences related to implementation of this role. This course requires a minimum of 150 clock hours of precepted practicum.

NURSG 614
Clinical Leader Immersion II
3 Credit Hours
Pre/Corequisite: P (RQ) NURSG-612
This is the fourth practicum course in the Clinical Leader track. Students refine the skills necessary to implement roles of the clinical leader in a specific health care delivery system. The practicum facilitates implementation, measurement of outcomes and dissemination of a project that promotes positive change in the microsystem. Periodic seminars provide
opportunities for CL students, faculty and mentors to discuss issues and assess experiences related to implementation of this role. This course requires a minimum of 150 clock hours of precepted practicum.