

NURSING (NURS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

NURS 500. Variables Impacting Health Care Delivery: A Global Context

3 Units

Description: Disparities in international health care delivery and the contributing variables will be explored. Culture-specific content is based on the country of study and is delivered by the interdisciplinary faculty. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 501. Pathophysiology

4 Units

Prerequisite(s): Department Permission.

Description: This course emphasizes the synthesis of preexisting knowledge of normal physiology to understand pathophysiological processes common among individuals and populations across the lifespan.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 502. Pharmacology

3 Units

Prerequisite(s): Department Permission.

Description: This course is designed to provide nursing students with a sound basis for the clinical application of pharmacology. The basics of core drug knowledge, including pharmacotherapeutics, pharmacodynamics, and pharmacokinetics are covered. Emphasis is placed on learning drug classifications by clinical indication or body system with advanced understanding of potential drug interactions, pharmacogenetics and pharmacoeconomics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 503. Advanced Health Assessment

3 Units

Term Typically Offered: Summer Only

Prerequisite(s): Admission to MEPN program.

Description: Focus is placed on the assessment component of the nursing process as a foundation of professional nursing practice. A systematic approach to client interview and physical exam techniques across the lifespan (neonate to geriatric) is emphasized.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 504. Leadership & Health Care Policy

2 Units

Term Typically Offered: Spring Only

Prerequisite(s): Admission to MEPN Program.

Description: This course is designed to provide the student with theoretical principles and skills needed for leadership and professional role development within complex healthcare systems. The role of the nurse as leader and advocate in health policy at the local, state, regional, national and global level is emphasized. Students will analyze and evaluate how policy influences healthcare delivery in the context of stakeholders, politics and economics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 506. Leadership/EBP/Policy

2 Units

Prerequisite(s): NURS 408 and NURS 608.

Description: This practicum will require students to formulate a leadership/management, policy or evidence-based project based on the assessed needs of their clinical site. With approval from their clinical preceptor and their instructor, students will apply knowledge and skills acquired in their master's course work in the completion of the project and the presentation of outcomes/findings.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 507. Transitions to Practice

2 Units

Term Typically Offered: Spring Only

Prerequisite(s): Admission to MEPN Program, NURS 408.

Description: This course will assist students to make the transition to professional nursing practice. Students will learn about current legislative and practice issues, discuss legal aspects of nursing practice and prepare for the licensure process.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 510. Advanced Pathophysiology and Pharmacology Application I

2 Units

Term Typically Offered: Fall Only

Prerequisite(s): Admission to MEPN Program.

Description: This course emphasizes the application of pre-existing knowledge of pathophysiological processes and pharmacology management in pediatric and maternal health.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 511. Advanced Pathophysiology and Pharmacology Application II

2 Units

Term Typically Offered: Fall Only

Prerequisite(s): NURS 510.

Description: This course emphasizes the application of preexisting knowledge of pathophysiological processes and pharmacology management in adult health.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p>NURS 515. Research Scholar Program 1-3 Units Term Typically Offered: Fall, Spring, Summer Prerequisite(s): Admission to traditional baccalaureate program or MEPN program. Description: To promote nursing research and scholarship among students through faculty mentoring. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 604. Transition to Practice 2 Units Prerequisite(s): Matriculation to specialty-specific clinical track course. Description: This course will assist completing students to make an easier transition to practice as advanced practice nurses. Students will focus on portfolio development, preparation for certification, and legislative/practice issues. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 575. Introduction to Forensic Nursing 2 Units Prerequisite(s): Must be admitted to the upper division undergraduate nursing program or graduate nursing program. Description: An elective course to introduce the students to the role of the forensic nurse. This experimental course covers forensic principles as they relate to the living and field experiences are integrated. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 605. Theoretical Application for Practice 3 Units Description: This course explores the congruence of conceptual frameworks and theories from nursing and other disciplines and their use in clinical practice, education, research and administration. Leadership, quality improvement, translational science and organizational sciences for the continual improvement of nursing care of diverse populations are examined. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 600. Genetics 2 Units Description: This course will integrate clinical applications of genomics including current ethical, legal and social issues and emphasize the responsibility of the advanced practical nurse. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 606. Healthcare Systems 3 Units Description: The U.S. healthcare system evolution, services, policy, and delivery are examined and compared politically, ethically, technologically, environmentally, and socioeconomically. Availability, access, regulation, and accountability are considered using systems theory. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 601. Primary Care I 3 Units Prerequisite(s): NURS 605, NURS 655, and NURS 611. Corequisite(s): NURS 657. Description: This course is an introduction to primary care of the adolescent and adult. Emphasis is placed on health promotion, problem identification, and management of common health problems. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 607. Foundational Concepts of Evidence Based Practice 3 Units Description: This course introduces the student to evidence based practice models and research design and methods. Students will learn the process of critically evaluating the literature for evidence based practice. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 602. Primary Care II 3 Units Prerequisite(s): NURS 601. Description: This course provides an in-depth analysis of primary care of the adolescent and adult. Emphasis is on differentiating signs and symptoms, formulating diagnoses, and developing culturally competent plans of care. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 608. Health Care Systems and Microsystem Analysis 3 Units Term Typically Offered: Fall Only Prerequisite(s): Admission to MEPN Program. Description: This foundational course will prepare the student nurse in advanced practice to effectively navigate complex health care systems. This course focuses on principles of systems theory, micro- and macro-economics, microsystem analyses, information management, models of service delivery, and strategies for effective interprofessional collaboration. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 603. Family Health 1 Unit Prerequisite(s): NURS 600, NURS 605, NURS 611, NURS 651, NURS 655, NURS 656, and NURS 657. Description: This course provides a foundation in family health concepts and family assessment for advanced practice nurses. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 609. Research Design and Professional Writing 3 Units Prerequisite(s): Admission to the MSN program or consent of Instructor. Description: This course is an overview of nursing research using multiple designs and methods. Ethical issues, data management and analysis of findings are included. Instruction in scientific writing is integrated. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>

NURS 610. Nurse Educator Clinical/Practicum 2 Units

Grading Basis: Pass/Fail

Prerequisite(s): NURS 605 and NURS 652; NURS 657 (or concurrent), ELFH 661 (or concurrent), and ELFH 683 (or concurrent).

Description: This course is designed so that students gain clinical expertise with a population of interest and apply that knowledge to the nurse educator role. The integration of evidence based nursing practice and educational concepts in the clinical and classroom settings is emphasized.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 611. Graduate Pharmacology for Advanced Practice Nurses 3 Units

Prerequisite(s): Entrance to the Graduate Program in the School of Nursing.

Description: This course will provide the nurse practitioner student with a sound basis for clinical application of pharmacology. Emphasis is placed on learning drug classifications by clinical indication or body symptoms.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 612. Philosophy of Science 3 Units

Prerequisite(s): Enrollment in the doctoral program.

Description: Overview and critical analysis of science as a way of knowing, including epistemological and ontological implications of differing approaches to knowledge generation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 613. Introduction to Health Care Policy 3 Units

Description: This course provides the student with the understanding of the role of the nurse as leader and advocate in health policy at the local, state, regional, national and global level. Students will analyze and evaluate how policy influences health care delivery in the context of stakeholders, politics and economics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 615. Advanced Clinical Practice: Women's Health Nurse Practitioner, Clinical I 2 Units

Prerequisite(s): NURS 660 and NURS 661.

Corequisite(s): NURS 602, NURS 604, NURS 616, and NURS 619.

Fee: An additional \$200.00 is charged for this course.

Description: This clinical course places an emphasis on the role of the advanced practice nurse as a member of the health care team across a variety of obstetric and gynecological settings. The clinical experience focuses on comprehensive patient assessment, diagnosis and management of acute health problems for women and their families.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 616. Women's Health Nurse Practitioner I 3 Units

Prerequisite(s): NURS 601, NURS 660, and NURS 661.

Corequisite(s): NURS 602, NURS 604, NURS 615, and NURS 619.

Description: This is the first in a series of four courses (two didactic; two clinical) which assist students to develop the role of the Women's Health Nurse Practitioner. The focus of the initial course is on the health and well being of girls and women across the life-span. It emphasizes the application of concepts, principles and skills needed to provide care for common, well-defined obstetric and gynecologic health processes and problems of adolescents and adults frequently encountered by Women's Health Nurse Practitioners. The focus of this course is identifying between normal and abnormal, and in making beginning differential diagnoses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 617. Advanced Clinical Practice: Women's Health Nurse Practitioner (WHNP), Clinical II 1 Unit

Prerequisite(s): NURS 604, NURS 615, NURS 616, and NURS 619.

Corequisite(s): NURS 618.

Description: This clinical course places an emphasis on the role of the advanced practice nurse as a member of the health care team in obstetric settings. The clinical experience focuses on comprehensive patient assessment, diagnosis and management of obstetric health problems for women and their families.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 618. Women's Health Nurse Practitioner II Prerequisite(s): NURS 604, NURS 615, and NURS 616. Corequisite(s): NURS 617. Description: This is the second in a series of four courses (two didactic; two clinical) which assist students to develop the role of Women's Health Nurse Practitioner. The focus of this course is on the diagnosis and management of complex health issues affecting multicultural women across the life-span. It emphasizes the application of concepts, principles and skills needed to provide care for more complex obstetric and gynecologic health processes and problems of adolescents and adults frequently encountered by Women's Health Nurse Practitioners (WHNP's). The focus of this course is developing differential diagnoses for abnormal conditions, recognizing those issues within the scope of practice for WHNP's, and when referral to other health care providers is warranted. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	4 Units	NURS 622. Advanced Clinical Practice: Adult Clinical Nurse Specialist 1 Prerequisite(s): NURS 600, NURS 605, NURS 611, NURS 651, NURS 655, NURS 657. Corequisite(s): NURS 653. Fee: An additional \$200.00 is charged for this course. Description: Explores the theoretical and practice applications of the Adult CNS in a variety of settings. The clinical practicum is designed by faculty and students to promote CNS competencies in the sphere of influence; patient/client. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	6 Units
NURS 619. Advanced Skills Laboratory: Women's Health Nurse Practitioner Prerequisite(s): NURS 602, NURS 660, and NURS 661. Corequisite(s): NURS 604, NURS 615, and NURS 616. Description: This laboratory course places an emphasis on advanced psychomotor skills used by Women's Health Nurse Practitioners across a variety of obsetric and gynecologic settings. These skills are learned and practiced in the classroom setting before application in the clinical setting. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	1 Unit	NURS 623. Advanced Clinical Practice: Adult Clinical Nurse Specialist II Prerequisite(s): NURS 622. Description: Explores the theoretical and practical applications of the Adult CNS in a variety of clinical settings. The clinical practicum is designed by faculty and students to promote CNS competencies in the spheres of influence: nursing personnel and organization/network. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	7 Units
NURS 620. Theory for Evidence Based Practice Term Typically Offered: Fall Only Prerequisite(s): Admission to MEPN Program. Description: This course explores the congruence of conceptual framework and theories from nursing and other disciplines and their use in clinical practice, education, research, and administration. Leadership, quality improvement, translational science, and organizational sciences for the continual improvement of nursing care of diverse populations are examined. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	2 Units	NURS 624. Advanced Clinical Practice: Adult-Gerontology Primary Care Nurse Practitioner I Prerequisite(s): NURS 656. Fee: An additional \$200.00 is charged for this course. Description: The purpose of this course is to provide clinical experience in comprehensive patient assessment, diagnosis and management of common primary health problems in adolescent, adult, geriatric patient populations. Students will begin practicing the role of an APRN under preceptor supervision. Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	3 Units
NURS 621. Research and Evidence Based Practice Term Typically Offered: Spring Only Prerequisite(s): Admission to the MEPN Program. Description: This course assists the student to critically evaluate evidence for advanced nursing practice. Students will use research theory and process to critique For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	2 Units	NURS 625. Advanced Clinical Practice: Adult-Gerontology Primary Care Nurse Practitioner II Prerequisite(s): NURS 624. Description: The purpose of this course is to provide advanced clinical experience in comprehensive patient assessment, diagnosis and management of common and complex primary health problems in adolescent, adult, and geriatric patient populations. Students will strengthen and enhance their advanced practice skills with preceptor supervision. Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	3 Units

NURS 626. Advanced Clinical Practice: Adult Nurse Practitioner III**3 Units****Prerequisite(s):** NURS 602, NURS 604, NURS 624, and NURS 625.**Description:** The focus of this clinical course is the synthesis of theoretical and evidence-based practice skills necessary to implement the nurse practitioner role in a holistic manner that will advance nursing knowledge and the health of patients.**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 627. Epidemiology and Global Health**3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** Admission to the MEPN Program.**Description:** This course will focus on the theory and concepts of epidemiology and social determinants of health, and how they can be applied to nursing practice. Application and integration of the principles and tools of epidemiology to decision-making in a health care environment will be emphasized. This course provides an overview of health behavior at the level of the individual family, community, and clinical/aggregate populations. The effects of individual health beliefs, cultural variables, readings for change, community environment, and health disparities on health behavior will be discussed.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 628. Health Information Technology**2 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** Admission to MEPN Program.**Description:** This course provides an introduction to the use of information technology in health care and health care systems. Factors that facilitate or prevent successful use of health care technology will be examined.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 629. Advanced Health Assessment of the Neonate**3 Units****Prerequisite(s):** NURS 605, NURS 607, NURS 608, NURS 613, NURS 652, and NURS 655.**Corequisite(s):** NURS 658.**Fee:** An additional \$100.00 is charged for this course.**Description:** This course is an in-depth study of neonatal assessment techniques and normal versus abnormal variations seen in the newborn. Emphasis is on the clinical presentation of the newborn, utilizing concepts from development anatomy and physiology as well as intrauterine factors that may alter findings. Students will learn advanced physical examination, gestational age, and neurobehavioral assessment skills specific to the neonate.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 630. Neonatal Pathophysiology**2 Units****Prerequisite(s):** Admission to the MSN program, Neonatal Nurse Practitioner track.**Description:** Advanced neonatal pathophysiology serves as a basis for clinical management of the neonate.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 631. Clinical Nurse Leader Immersion: Part I**1 Unit****Term Typically Offered:** Spring Only**Prerequisite(s):** Admission to MEPN Program.**Description:** This practicum allows the student to begin to examine the various roles of the Clinical Nurse Leader (CNL) through a clinical immersion experience. This practicum will focus on the CNL as a clinician who advocates for the client, develops outcomes for the client, and manages client care using previous nursing coursework. The preceptor will help the students to begin to develop skills as a CNL through intensive clinical experience. The AACN competencies and curricular expectations for CNL education and practice (October 2013) will serve as the defining framework for this course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 632. Clinical Nurse Leader Immersion: Part II**3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** Admission to MEPN Program, NURS 631.**Description:** This practicum allows the student to begin to examine the various roles of the Clinical Nurse Leader (CNL) through a clinical immersion experience. This practicum will focus on the CNL as a clinician who advocates for the client, develops outcomes for the client, and manages client care using previous nursing coursework. The preceptor will help the students to begin to develop skills as a CNL through intensive clinical experience. The AACN competencies and curricular expectations for CNL education and practice (October 2013) will serve as the defining framework for this course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 633. Advanced Neonatal Pathophysiology and Clinical Management I**4 Units****Prerequisite(s):** NURS 605, NURS 607, NURS 608, NURS 613, NURS 629, NURS 652, NURS 655, NURS 658, and NURS 657.**Corequisite(s):** NURS 637.**Fee:** An additional \$200.00 is charged for this course.**Description:** This course provides a foundation in the cellular processes upon which neonatal pathophysiology occurs. Synthesis of topics in human embryology is the foundation for understanding specific neonatal pathophysiologic processes. Common pathophysiologic neonatal diseases and how they deviate from normal physiology are presented using a systems approach. Integrated into the course are diagnostic reasoning skills needed to manage the care of a critically ill neonate. Students will evaluate presenting clinical signs in the neonate requiring intensive care, determine the appropriate diagnosis and differential diagnoses, identify appropriate diagnostic tests and exams to determine the appropriate diagnosis in neonates with a variety of problems.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 634. Advanced Clinical Practice: Neonatal NP II 2 Units

Prerequisite(s): NURS 629, NURS 633, and NURS 600.

Description: This course provides a theoretical foundation for evidence based neonatal nurse practitioner practice. Clinical management of cardiovascular, gastrointestinal, integumentary and hematologic systems will be the focus.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 635. Advanced Neonatal Pathophysiology and Clinical Management II 4 Units

Prerequisite(s): NURS 605, NURS 607, NURS 608, NURS 613, NURS 629, NURS 636, NURS 652, NURS 655, NURS 657, and NURS 658.

Corequisite(s): NURS 637.

Description: This course is the second of two courses that provides the student with didactic preparation in the concepts of advanced neonatal pathophysiology based upon normal neonatal physiology. Synthesis of topics in human embryology, genetics, and advanced neonatal pathophysiology and clinical management provides the foundation for understanding complex neonatal pathophysiologic processes. Complex pathophysiologic neonatal diseases and how they deviate from normal physiology are presented using a systems approach. Integrated into the course is the diagnostic reasoning needed to manage the care of the critically ill neonate. Topics addressed in course include those recommended to prepare the student for national certification as a neonatal nurse practitioner.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 636. Neonatal Nurse Practitioner Residency I 3 Units

Prerequisite(s): NURS 605, NURS 607, NURS 608, NURS 613, NURS 629, NURS 636, NURS 652, NURS 655, NURS 657, and NURS 658; NURS 633 (or concurrent).

Description: The purpose of the NNP Residency is to provide neonatal nurse practitioner students with learning opportunities that facilitate continued development in the Neonatal Nurse Practitioner role. Students will work with preceptors in a Level III-IV NICU's to advance the knowledge and skills acquired in previous coursework. This course provides the student with an immersion into the Neonatal Nurse Practitioner (NNP) role that allows development of increased skill and independence in decision-making as a NNP. Students are expected to identify, interpret, and apply current evidence to their practice and clinical decision-making in the care of critically ill infants.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 637. Neonatal Nurse Practitioner Residency II 3 Units

Prerequisite(s): NURS 604, NURS 605, NURS 607, NURS 608, NURS 613, NURS 629, NURS 633, NURS 636, NURS 652, NURS 655, NURS 657, and NURS 658.

Corequisite(s): NURS 635.

Description: This is the second and final residency course for NNP students. The purpose of the NNP Residency is to provide students with learning opportunities that facilitate continued development in the Neonatal Nurse Practitioner role. Students will work with preceptors in a Level III-IV NICU's to advance the knowledge and skills acquired in previous coursework. This course provides the student with an immersion into the Neonatal Nurse Practitioner (NNP) role that allows advance their skills and independence in decision-making as a NNP working with infants with increasingly complex medical problems. Students are expected to identify, interpret, and apply current evidence to their practice and clinical decision-making in the care of critically ill infants.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 638. Advanced Psychiatric Assessment and Clinical Interviewing Techniques 1 Unit

Description: The focus this course is the use of clinical interviewing techniques and psychiatric assessment of in determining the mental health status of clients throughout the lifespan.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 639. Advanced Psych Nurse Practitioner Mental Health Assessment Clinical 1 Unit

Prerequisite(s): NURS 638 and NURS 647.

Description: Course focuses on Initial Implementation of the APPMHN role: psychiatric assessment and interviewing strategies utilizing the current Diagnostic and Statistical Manual for diagnosing psychopathology. The practicum focuses on a lifespan approach with select clients in multicultural contexts who are at risk for or are experiencing dysfunction in the area of mental health.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 640. Introduction to CNL Project 1 Unit

Term Typically Offered: Summer Only

Prerequisite(s): Admission to MEPN Program.

Description: NURS 640 is a one credit course designed to assist the Clinical Nurse Leader (CNL) student with expectations for Nursing 631 Immersion I and NURS 632 Immersion II. These are "leadership" immersions culminating in an evidence-based performance improvement proposal and immersion project. The student will learn about immersion expectations; roles for the student, faculty, committee, and their preceptor; explore and critique completed projects for strengths and weaknesses; make connections between EBP theory and practice; and review documentation requirements for the Immersion Courses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 641. Advanced Psychiatric Mental Health Nurse Practitioner I: Theory 3 Units

Description: Course introduces the advanced practice role with a focus on at least 3 modes of therapy across the lifespan and in multicultural contexts. Relevant literature, professional practice guidelines and current best practice standards will guide the selection of intervention models across the continuum of care.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 642. Advanced Psychiatric Mental Health Nurse Practitioner II: Theory 3 Units

Prerequisite(s): NURS 638, NURS 641, and NURS 645.

Corequisite(s): NURS 646.

Description: Course provides in-depth study of PMH interventions for clients with complex or co-morbid diagnoses. A lifespan approach encompassing diverse and multicultural contexts will be utilized. Relevant literature, professional practice guidelines and current best practice standards will guide the selection of intervention models across the continuum of care.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 643. Quality and Safety in Advanced Practice Nursing Term Typically Offered: Fall, Spring 2 Units

Description: Introduces students to the latest information on healthcare quality and patient safety. Focuses on the specific domains of healthcare quality. Quality frameworks and models will be the basis for explaining techniques of quality management. Examines healthcare quality and patient safety from a strategic viewpoint with the goal of making APN providers effective decision makers.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 645. Advanced Psychiatric Mental Health Nurse Practitioner I: Clinical 3 Units

Prerequisite(s): NURS 638, NURS 647, and NURS 649.

Corequisite(s): NURS 641.

Fee: An additional \$200.00 is charged for this course.

Description: Course focuses on initial implementation of the APPMHN role: psychiatric assessment, diagnosis and intervention strategies including psychopharmacology. The practicum focuses on a life span approach with select clients in multicultural contexts who are at risk for or are experiencing dysfunction in the area of mental health.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 646. Advanced Psychiatric Mental Health Nurse Practitioner II: Clinical 2 Units

Prerequisite(s): NURS 638, NURS 641, NURS 647, and NURS 649.

Corequisite(s): NURS 642.

Description: Course continues focus on implementation of APPMHN role. The practicum focuses on PMH interventions using a lifespan approach with individuals, families, and/or groups in diverse multi-cultural contexts who are experiencing co-morbid of complex psychiatric diagnoses. A variety of relevant intervention models will be utilized across the continuum of care.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 647. Advanced Psychopathology Across the Lifespan 2 Units

Description: This course is a comprehensive study of essential developmental and psychopathology across the lifespan. Clinical theory, standards of practice, neurobiology, genomic, genetic, and environmental influences will be examined in multicultural contexts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 648. Advanced Clinical Assessment: Psych/Mental Health Nursing 3 Units

Prerequisite(s): Basic physical/health assessment skills are necessary; formal basic courses or continuing education courses in physical health assessment are acceptable.

Description: Builds upon basic assessment skills. The nurse's knowledge will be expanded to enable the development of the advanced practice role. Critical thinking and communication skills will be enriched by an accurate interpretation of a holistic approach to advanced clinical assessment of the adult.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 649. Advanced Psychopharmacology Across the Lifespan 2 Units Prerequisite(s): NURS 611 (or concurrent).

Description: This course is a comprehensive study of essential psychopharmacology used across the lifespan. Clinical theory, standards of practice, neurobiology, genomic, genetic, and environmental influences will be examined in multicultural contexts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p>NURS 650. CNL Certification Prep 1 Unit Term Typically Offered: Spring Only Prerequisite(s): Admission to MEPN program. Description: NURS 650 is a one credit course designed to assist the student with preparation for the Clinical Nurse Leader (CNL) Certification Exam. The course will use a certification review text, along with group activities and case studies to assist with knowledge, recognition, and application between and among the core CNL Competencies, Roles and Values. The course will engage the student in a 360 evaluation and exploration of skills, knowledge, and accountability for CNL professional practice. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 656. Advanced Clinical Assessment 3 Units Prerequisite(s): NURS 655. Fee: An additional \$100.00 is charged for this course. Description: This course builds upon the basic critical thinking and psychomotor skills that professional nurses use in client care. Emphasis is on the physical, psychosocial, and cultural assessment of individuals and families. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 651. Evidence Based Nursing for Advanced Practice 3 Units Prerequisite(s): NURS 652 and graduate-level Statistics (applied descriptive & inferential statistics); NURS 605 (or concurrent). Description: Analysis of the value of research in advanced nursing practice. Focus is on the research theory and process, ethics, critique of the literature, and dissemination of findings. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 657. Health Promotion and Disease Prevention in Culturally Diverse and Vulnerable Populations 3 Units Prerequisite(s): Enrollment in master's degree program. Description: This course provides an overview of health behavior at the level of the individual family, community and clinical/aggregate populations. The effects of individual health beliefs, cultural variables, readiness for change, community environment, and health disparities will be discussed. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 652. Advanced Statistical Application 3 Units Description: This course will expose the student to basic and advanced concepts and practical applications of statistics. The student will learn to analyze data sets to address hypotheses and make inferences to populations. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 658. Advanced Neonatal Pharmacology 3 Units Prerequisite(s): NURS 605, NURS 607, NURS 608, NURS 613, NURS 633, NURS 636, NURS 652, and NURS 655. Corequisite(s): NURS 629. Description: This course provides a basis for understanding the pharmacokinetics and actions of specific groups of drugs commonly used in neonatal advanced nursing practice. Emphasis is placed on pharmacological action of drugs, side effects, appropriate dosing, monitoring, drug interactions and guidelines for use of drugs in the critically ill neonate from admission to the NICU to discharge. Legal and ethical considerations of prescriptive practice are also addressed. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 653. Advanced Practice Roles 2 Units Prerequisite(s): Admission to the Graduate Program in Nursing. Description: This web-enhanced course focuses on the advanced practice roles of educator, consultant, researcher, leader, and expert practitioner. Scope of practice, credentialing, reimbursement and future issues are also addressed. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 659. Life-Span Issues in Pathophysiology for Clinical Decision Making 2 Units Description: Will provide the student with an opportunity to examine and apply pathophysiological concepts across the lifespan utilizing critical thinking and decision-making by the graduate level nurse. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 654. Informatics in Health Care 3 Units Description: National Nursing Informatics (NI) competencies will be covered as well as core NI principles, knowledge acquisition, process, generation and dissemination. Students will be prepared at the level of informatics innovators. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 660. Family Nursing 2 Units Prerequisite(s): NURS 605, NURS 655, NURS 656, and NURS 611. Description: This course is an introduction to Advanced Family Practice Nursing. It provides a theoretical and practical base for the health care management of childbearing and childrearing families. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 655. Advanced Pathophysiology: Clinical Decision Making 3 Units Prerequisite(s): Understanding of normal anatomy and physiology as well as basic pathophysiology. Description: The focus of this foundational course is on understanding pathological processes common among individuals of all ages. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	

NURS 661. Advanced Clinical Practice: Family Nurse Practitioner Clinical I 3 Units

Prerequisite(s): NURS 656 and NURS 611.

Fee: An additional \$200.00 is charged for this course.

Description: The clinical experience focuses on comprehensive patient assessment, diagnosis and management of acute health problems for individuals and their families.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 662. Advanced Clinical Practice: Family Nurse Practitioner Clinical II 3 Units

Prerequisite(s): NURS 601 and NURS 661.

Description: The clinical experience focuses on comprehensive patient assessment, diagnosis and management of chronic health problems for individuals and their families.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 663. Advanced Clinical Practice: Family Nurse Practitioner 2.5 Units

Prerequisite(s): NURS 601, NURS 602, and NURS 661.

Description: This clinical experience focuses on synthesis of theoretical, scientific, and clinical knowledge as well as practice-based skills in the diagnosis and management of existing and potential health problems.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 664. Common Health Problems of the Pediatric Client 1 Unit

Prerequisite(s): NURS 601, NURS 605, NURS 655, NURS 656, NURS 657, and NURS 611.

Description: Focus is on the Family Nurse Practitioner's role in the identification and management of selected acute, chronic and emergent health problems of the pediatric client.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 665. Primary Care of the Aged: Leadership and Practice 5 Units

Prerequisite(s): NURS 600, NURS 605, NURS 611, NURS 651, NURS 655, NURS 656, and NURS 657; or National Certification as FNP or ANP.

Fee: An additional \$200.00 is charged for this course.

Description: Develop health assessment and health promotion skills to determine age-related changes in older adults.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 666. Primary Care of Older Adults 2 Units

Prerequisite(s): NURS 611, NURS 655, and NURS 656.

Description: This course provides an in-depth analysis of primary care of the older adult. Emphasis is on assessment, interpretation, and management of age-related functional and cognitive changes. The advanced practice nurse's role will be examined both as an individual practitioner and as a member of a collaborative inter-professional healthcare team.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 667. Applied Geriatric Pharmacology in Nursing Practice 1 Unit

Prerequisite(s): NURS 611, NURS 655, and NURS 656.

Description: This course builds principles and content of advanced nursing pharmacology. It is designed to provide the adult gerontology nurse practitioner student with knowledge of pharmacokinetics, pharmacodynamics, and polypharmacy as related to the older adult.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 670. Cancer Epidemiology and Pathophysiology 2 Units

Prerequisite(s): NURS 550 or NURS 605, NURS 611, NURS 651, NURS 655, and NURS 656; NURS 653 (or concurrent).

Description: This course provides an opportunity to synthesize cancer-specific epidemiology and pathophysiology concepts for critical thinking and decision-making by the nurse in an advanced practice role in caring for patients with cancer and their families across the cancer-care continuum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 671. Evidence-Based Cancer Treatment 3 Units

Description: This course provides the student an opportunity to integrate knowledge and principles of cancer treatment, associated responses and symptom management, and the late-effects of cancer treatment. Emphasis is placed on current theory and research in examining evidence-based nursing interventions to improve outcomes for clients with cancer and their families.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 672. Advanced Oncology Clinical Practice I 6 Units

Prerequisite(s): NURS 605, NURS 611, NURS 651, NURS 655, and NURS 656; NURS 653 (or concurrent) and NURS 671 (or concurrent).

Fee: An additional \$200.00 is charged for this course.

Description: This course entails didactic classroom instruction and a mentored clinical practicum, which will provide students an opportunity to synthesize and apply knowledge in the clinical management of complex physical, cognitive, and psychosocial responses to cancer and its treatment.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 673. Advanced Oncology Clinical Practice II 7 Units

Prerequisite(s): NURS 605, NURS 611, NURS 651, NURS 655, and NURS 656; NURS 653 (or concurrent), NURS 671 (or concurrent), and NURS 672 (or concurrent).

Description: This didactic and clinical course will provide the student with an opportunity to develop expertise in clinical judgment and consultation, facilitation of learning; intra- and inter-disciplinary collaboration; systems thinking and care-delivery models; and advocacy and moral agency. A case-study approach will be used to analyse and systematically evaluate the multiple roles of the advanced oncology nurse.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 674. Adult-Gerontology Acute Care Nurse Practitioner I 4 Units

Prerequisite(s): NURS 611, NURS 655, and NURS 656.

Description: This course is an introduction to the acute care of adult-gerontology patients. Emphasis is placed on health promotion, health protection, problem identification, and management of complex health problems. The advanced practice nurse's role will be examined both as an individual practitioner and as a member of a collaborative interprofessional healthcare team.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 675. Advanced Clinical Practice: Adult-Gerontology Acute Care Practitioner, Clinical I 3 Units

Prerequisite(s): NURS 611, NURS 655, and NURS 656.

Fee: An additional \$200.00 is charged for this course.

Description: This clinical course places an emphasis on the assessment, diagnosis and collaborative management of adult clients who are acutely/critically ill or experiencing an exacerbation of a chronic health problem. The clinical focus is on the Adult-Gerontology Acute Care Nurse Practitioner performing health assessments, interpretation of data and the implementation of a collaborative plan of care.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 676. Adult-Gerontology Acute Care Practitioner II 4 Units

Prerequisite(s): NURS 674.

Description: This course provides an in-depth analysis of adult acute-gerontology care. Emphasis is placed on differentiating signs and symptoms, formulating diagnoses, and developing culturally competent plans of care for acute complex health problems. The advanced practice nurse's role will be examined both as an individual practitioner and as a member of a collaborative interprofessional healthcare team.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 677. Advanced Clinical Practice: Adult-Gerontology Acute Care Practitioner, Clinical II 3 Units

Prerequisite(s): NURS 675.

Description: This clinical course emphasises advanced assessment, advanced diagnosis, and collaborative management of adult clients who are acutely/critically ill or experiencing an exacerbation of a chronic health problem. The clinical focus is on the Adult-Gerontology Acute Care Nurse Practitioner in performing complex health assessments, interpretation of data, and the implementation of a collaborative plan of care. This course builds on the clinical experiences in NURS 675.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 690. Special Topics 0.5-15 Units

Prerequisite(s): Consent of instructor.

Description: Selected topics in nursing and health care. Semester topic will be indicated in Schedule of Courses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 696. Independent Study 1-3 Units

Prerequisite(s): Departmental approval.

Description: Provides opportunity for the student, under the supervision of a departmental faculty member, to develop objectives and protocol for independent work related to the practice of nursing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 698. Research Project 2 Units

Prerequisite(s): NURS 651.

Description: Provides the student an opportunity to develop, implement and present results of a research study of limited scope.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 699. Thesis 1-6 Units

Prerequisite(s): NURS 651.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 700. Theoretical Basis of Nursing 3 Units

Prerequisite(s): Admission to PhD Nursing; graduate-level Philosophy of Science course (or concurrent).

Description: The course examines the theoretical basic of nursing science and facilitates the refinement of critical skills necessary for evaluating theories, synthesizing theoretical components into conceptual models or middle range theories, and developing testable hypotheses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- NURS 702. Philosophy of Science** 3 Units
Prerequisite(s): Admission to PhD Nursing; BSN-PhD students must have 18 credits of required MSN courses completed.
Description: This course examines philosophies of science and epistemologies and their influence on knowledge development of nursing.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 710. Research Methodology I: Qualitative Research Methods** 3 Units
Prerequisite(s): NURS 700 and NURS 702.
Description: This course examines qualitative methods as a scientific approach for building nursing knowledge. Qualitative research methods will be analyzed and applied. Ethical issues in conducting qualitative research will be discussed.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 711. Research Methodology II: Quantitative Design** 3 Units
Prerequisite(s): NURS 700 and NURS 702; one doctoral-level stats course; second doctoral-level stats course (or concurrent).
Description: This course examines quantitative methods as a scientific approach for building nursing knowledge. Quantitative research methods will be analyzed and applied. Ethical issues in conducting quantitative research will be discussed.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 712. Research Methodology III: Nursing Measurement** 3 Units
Prerequisite(s): NURS 711; two doctoral-level statistics courses.
Description: This course focuses on measurement of health-related phenomena. Measurement methods and instrument development are discussed. The psychometric and biometric properties of instruments used in research are evaluated.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 713. Research Methods Practicum** 2 Units
Prerequisite(s): NURS 710 and NURS 711; NURS 712 (or concurrent).
Description: This guided practicum in the area of research methodology will allow students to gain mastery of a specific methodology that a PhD prepared nurse scientist may be expected to employ.
Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 714. Research Methodology IV: Analysis of Existing Data** 3 Units
Prerequisite(s): NURS 712; two doctoral-level statistics courses.
Description: This course focuses on the analysis, interpretation, and presentation of existing quantitative data. Students will develop skills in the application of a variety of quantitative analysis strategies using existing data. Students will identify hypotheses and/or research question, test them using statistical methods, and interpret the results.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 720. Seminar in Advanced Leadership** 3 Units
Description: Students will synthesize leadership concepts and theories with personal, professional, and organizational values within the changing political, ethical and sociocultural context in which leadership is practiced.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 721. Leadership Practicum** 1 Unit
Prerequisite(s): NURS 720.
Description: This guided practicum for nursing leadership and education will allow students to gain mastery of a leadership role PhD prepared nurse scientists may be expected to fulfill.
Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 725. Analysis of Leadership and Health Policy** 3 Units
Description: This course provides an overview of leadership and political theories applicable to a variety of organizational settings. The influence of socio-cultural, economic, political, and ethical issues on leadership and policy is examined. The nurse's role in research, administration and advanced practice in developing and evaluating health policy is explored.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 726. Clinical Practicum for the MSN NP I** 2 Units
Grading Basis: Pass/Fail
Term Typically Offered: Fall, Spring, Summer
Description: The purpose of this course is to provide foundational clinical experiences in focused patient assessment, diagnosis, and management of common health problems among select patient populations. Students will begin practicing the role of an APRN under preceptor supervision.
Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p>NURS 727. Clinical Practicum for the MSN NP II 2 Units Grading Basis: Pass/Fail Term Typically Offered: Fall, Spring, Summer Description: The purpose of this course is to provide foundational clinical experiences in comprehensive patient assessment, diagnosis, and management of common problems among select patient populations. Students will strengthen and enhance their advanced practice skills with preceptor supervision. Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 738. PhD Seminar IV 1 Unit Prerequisite(s): NURS 737. Description: This is the last of four courses that examine issues critical to socialization into the role of a nurse scientist. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 730. Health Policy: An Evidence-Based Approach 3 Units Prerequisite(s): NURS 700 or by permission of the instructor. Description: This course will examine the role of the nurse scientist in analyzing and developing health policy using an evidence-based framework. Note: Foundational to NURS 731.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 740. Advanced Pharmacology 3 Units Prerequisite(s): Enrollment in the doctoral program. Fee: An additional \$150.00 is charged for this course. Description: This course is designed to provide advanced practice nursing students with a sound basis for the clinical application of pharmacology. Core drug knowledge, including pharmacotherapeutics, pharmacodynamics and pharmacokinetics are discussed. Emphasis is placed on learning drug classifications by clinical indication with an advanced understanding of potential drug interactions, side effects, and goals of pharmacologic therapy. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 731. Health Policy Practicum 1 Unit Prerequisite(s): NURS 730. Description: This guided practicum in the area of nursing health policy will allow students to gain mastery of a role a PhD nurse scientist may be expected to fulfill. Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 741. Advanced Pathophysiology 4 Units Fee: An additional \$200.00 is charged for this course. Description: This course provides the student an opportunity to synthesize pathophysiological concepts essential for critical thinking and clinical decision-making by the nurse in an advanced practice role. The focus of this foundational course is on understanding pathological processes common among individuals of all ages by using knowledge from genetics, the biophysical and psychosocial sciences, and current research. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 735. PhD Seminar I 1-3 Units Description: This is the first of four courses that examine issues critical to socialization into the role of a nurse scientist. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 742. Advanced Physical Assessment 3 Units Fee 1: An additional \$300.00 is charged for this course. Fee 2: An additional \$150.00 is charged for this course. Description: This advanced health assessment course will focus on both normal and normal variant finding in the population of patients from adolescence to geriatrics. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 736. PhD Seminar II 1 Unit Prerequisite(s): NURS 735. Description: This is the second of four courses that examine issues critical to socialization into the role of a nurse scientist. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 743. Epidemiology 3 Units Fee: An additional \$150.00 is charged for this course. Description: This course will focus on the theory and concepts of epidemiology and social determinants of health, and how they can be applied to the field of nursing. This course will apply and integrate the principles and tools of epidemiology to the decision-making in a health care environment. The student will identify the different study designs and how each of them can be applied to answer specific questions related to population-based health care. Emphasis will also be placed on the application of appropriate analytic methods for these different designs and questions. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 737. PhD Seminar III 1 Unit Prerequisite(s): NURS 736. Description: This is the third of four courses that examine issues critical to socialization into the role of a nurse scientist. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	

<p>NURS 744. Synthesis and Evaluation of Evidence in Practice 3 Units Fee: An additional \$150.00 is charged for this course. Description: In this advanced course, students will critically evaluate, translate, and apply to practice evidence from a variety of sources. An emphasis is placed on the synthesis and dissemination of evidence. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 750. DNP Project I: Project Inception 3 Units Grading Basis: Pass/Fail Fee 1: An additional \$150.00 is charged for this course. Fee 2: An additional \$300.00 is charged for this course. Description: In this course students will identify an area of interest and develop a DNP Project. The DNP Project will require the student to synthesize the evidence and apply the competencies learned throughout the curriculum to improve outcomes in health care systems. Students will have their completed proposal approved and will submit the proposal to the IRB as applicable. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 745. Informatics in Advanced Practice Nursing 3 Units Fee: An additional \$150.00 is charged for this course. Description: This course provides an overview of informatics and the role it plays in the delivery of evidence-based care. Technological concepts related to data acquisition and analysis, data security, and telehealth will be reviewed within the context of delivering optimal patient care and enhance the student's ability to transform data into information and knowledge for practice and scholarly inquiry. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 751. DNP Project II: Project Implementation 3 Units Grading Basis: Pass/Fail Prerequisite(s): NURS 750. Fee 1: An additional \$300.00 is charged for this course. Fee 2: An additional \$150.00 is charged for this course. Description: In this course students will implement their DNP Project. The DNP Project will require the student to synthesize and apply the competencies learned throughout the curriculum to improve outcomes in health care systems. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 746. Program Development & Evaluation 3 Units Prerequisite(s): NURS 743 and NURS 744. Fee: An additional \$150.00 is charged for this course. Description: This course explores techniques and strategies used for designing, implementing and evaluating programs. Students will assess population needs, develop appropriate goals, determine intervention strategies and resource needs, and implement evaluation mechanisms. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 752. DNP Project III: Project Evaluation, Analysis and Dissemination 3 Units Grading Basis: Pass/Fail Prerequisite(s): NURS 751. Fee 1: An additional \$150.00 is charged for this course. Fee 2: An additional \$300.00 is charged for this course. Description: In this course students will complete an evaluation and analysis of the DNP Project. Students will disseminate the completed DNP Project. The DNP Project will require the student to synthesize and apply the competencies learned throughout the curriculum to improve outcomes in health care systems. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 747. Finance Management 2 Units Fee: An additional \$100.00 is charged for this course. Description: This course focuses on the financial and business aspects of health care delivery. An emphasis is on the instruments and concepts used for analysis of practice initiatives and the development and implementation of effective plans to improve health outcomes. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 753. Adolescent Well Child Theory 1 Unit Prerequisite(s): NURS 740 and NURS 741. Fee: An additional \$50.00 is charged for this course. Description: This course is an introduction to advanced practice nursing. It provides a theoretical and practical base for the health care management of pediatric and adolescent clients. Emphasis is on the analysis and the implementation of the advanced practice nurse's role in the identification, prevention, and management of common pediatric health concerns. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 748. Transformational Leadership 3 Units Fee: An additional \$150.00 is charged for this course. Description: This advanced course focuses on the application of leadership and political theories in health care delivery. Students will apply transformational leadership skills to influence health policy change and serve as an advocate. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 754. Clinical Reasoning in Advanced Practice Nursing 1 Unit Fee: An additional \$50.00 is charged for this course. Description: This course will prepare the advanced practice nurse to make clinical decisions using a variety of decision making modalities. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 749. The Business of Healthcare 3 Units Term Typically Offered: Fall Only Description: This course provides knowledge in the foundations of practice management and revenue operations for the practicing medical provider. Students will gain understanding of practice reimbursement models, the impact of data management and performance indicators on reimbursement, and maintaining awareness of the financial impact of practice decisions. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	

NURS 755. Diagnosis and Management of Adult Health in Primary Care
4 Units

Prerequisite(s): NURS 742 and NURS 754.

Fee: An additional \$200.00 is charged for this course.

Description: This course provides an in depth analysis of primary care of the adolescent and adult. Emphasis is on differentiating signs and symptoms, formulating diagnoses, and management of acute and chronic conditions commonly encountered in primary care. The advanced practice nurse's role will be examined both as an individual practitioner and as a member of a collaborative inter-professional healthcare team. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 756. Procedures & Diagnostics for Adult Health 2 Units

Grading Basis: Pass/Fail

Prerequisite(s): NURS 742 and NURS 754.

Fee: An additional \$100.00 is charged for this course.

Description: This course introduces the advanced psychomotor and diagnostic skills used in procedures that are commonly performed in the primary care setting. Emphasis is placed on indications, procedural techniques, and potential complications. Skills are taught in laboratories with a hands-on approach before application in the clinical setting. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 757. Diagnosis and Management of Women's Health in Primary Care 2 Units

Prerequisite(s): NURS 740 and NURS 741.

Fee: An additional \$100.00 is charged for this course.

Description: The focus of this course is to the health and well-being of girls and women across the life-span. It emphasizes the application of concepts, theories, principles, and findings needed to provide care for common, well-defined obstetric and gynecologic health processes and problems of female adolescents and adults frequently encountered by nurse practitioners. The focus of this course is identifying between normal and abnormal, and in making differential diagnosis. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 758. Diagnosis and Management of Mental Health in Primary Care 2 Units

Prerequisite(s): NURS 742 and NURS 754.

Fee: An additional \$100.00 is charged for this course.

Description: The focus of this course is on the mental health and well-being of individuals across the life-span. It emphasizes the application of concepts, theories, principles, and research findings needed to provide care for common psychiatric conditions encountered in the primary care setting. The focus of this course is identification of psychiatric conditions as well as treatment strategies and the recognition of situations where a referral is needed.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 759. Diagnosis and Management of the Older Adult in Primary Care
2 Units

Prerequisite(s): NURS 742 and NURS 754.

Fee: An additional \$100.00 is charged for this course.

Description: This course provides an in-depth analysis of primary care of the older adult. Emphasis is on assessment, interpretations and management of age-related functional and cognitive changes. The advanced practice nurse's role will be examined both as an individual practitioner and as a member of a collaborative inter-professional healthcare team.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 760. Gerontology Pharmacology 1 Unit

Prerequisite(s): NURS 742.

Fee: An additional \$50.00 is charged for this course.

Description: This course builds principles and content of advanced nursing pharmacology. It is designed to provide the adult gerontology nurse practitioner student with knowledge of pharmacokinetics, pharmacodynamics, and polypharmacy as related to the older adult. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 761. Pediatric & Adolescent Well Child Theory 2 Units

Prerequisite(s): NURS 740.

Fee: An additional \$100.00 is charged for this course.

Description: This course is an introduction to advanced practice nursing. It provides a theoretical and practical base for the health care management of pediatric and adolescent clients. Emphasis is on the analysis and the implementation of the advanced practice nurses role in the identification, prevention, and management of common pediatric health concerns.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 762. Diagnosis & Management of Pediatrics in Primary Care 2 Units

Prerequisite(s): NURS 741.

Fee: An additional \$100.00 is charged for this course.

Description: This course provides in depth analysis of primary care of the child. Emphasis is on differentiating signs and symptoms, formulating diagnoses, and management of acute and chronic conditions commonly encountered in primary care. The advanced practice nurses role will be examined both as an individual practitioner and as a member of a collaborative interprofessional healthcare team.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 763. Advanced Neonatal Physiology & Pathophysiology I 3 Units

Prerequisite(s): NURS 785.

Fee: An additional \$150.00 is charged for this course.

Description: This course provides a foundation in the cellular processes upon which neonatal pathophysiology occurs. Synthesis of topics in human embryology is the foundation for understanding specific neonatal pathophysiologic processes. Common pathophysiologic neonatal disease and how they deviate from normal physiology are presented using a systems approach.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

NURS 764. Neonatal Diagnostic Reasoning I	1 Unit	NURS 767. Neonatal Residency I	3 Units
Prerequisite(s): NURS 785.		Prerequisite(s): NURS 765.	
Fee: An additional \$50.00 is charged for this course.		Fee 1: An additional \$250.00 is charged for this course.	
Description: An advanced health assessment class emphasizing the processes and techniques of diagnostic reasoning with critically-ill neonates. Students will evaluate presenting clinical signs in the neonate requiring intensive care, determine the differential diagnosis, identify appropriate diagnostic tests and exams, and determine the appropriate diagnosis and treatment in neonates with a variety of problems.		Fee 2: An additional \$300.00 is charged for this course.	
For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)		Fee 3: An additional \$150.00 is charged for this course.	
NURS 765. Advance Neonatal Physiology & Pathophysiology II	3 Units	Description: The purpose of the NNP Residency is to provide neonatal nurse practitioner students with learning opportunities that facilitate continued development in the Neonatal Nurse Practitioner role. Students will work with preceptors in a Level III-IV NICUs to advance the knowledge and skills acquired in previous coursework. This course provides the student with an immersion into the Neonatal Nurse Practitioner (NNP) role that allows development of increased skill and independence in decision-making as a NNP. Students are expected to identify, interpret, and apply current evidence to their practice and clinical decision-making in the care of critically ill infants.	
Prerequisite(s): NURS 763.		For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	
Fee: An additional \$150.00 is charged for this course.		NURS 768. Neonatal Residency II	3 Units
Description: This course is the second of two courses that provides the student with didactic preparation in the concepts of advanced neonatal pathophysiology based upon normal neonatal physiology. Synthesis of topics in human embryology, genetics, and advanced neonatal pathophysiology and clinical management provides the foundation for understanding complex neonatal pathophysiologic processes. Complex pathophysiologic neonatal diseases and how they deviate from normal physiology are presented using a systems approach. Integrated into the course is the diagnostic reasoning needed to manage the care of a critically ill neonate. Topics addressed in this course include those recommended to prepare the student for national certification as a neonatal nurse practitioner.		Prerequisite(s): NURS 767.	
For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)		Fee 1: An additional \$300.00 is charged for this course.	
NURS 766. Neonatal Diagnostic Reasoning II	1 Unit	Fee 2: An additional \$150.00 is charged for this course.	
Prerequisite(s): NURS 765.		Description: This is the second clinical residency course for the NNP students. The purpose of the NNP Residency is to provide students with learning opportunities that facilitate continued development in the Neonatal Nurse Practitioner role. Students will work with preceptors in a Level III-IV NICUs to advance the knowledge and skills acquired in previous coursework. This course provides the student with an immersion into the Neonatal Nurse Practitioner (NNP) role that allows advance their skills and independence in decision-making as a NNP working with infants with increasingly complex medical problems. Students are expected to identify, interpret, and apply current evidence to their practice and clinical decision-making in the care of critically ill infants.	
Fee: An additional \$50.00 is charged for this course.		For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	
Description: An advanced health assessment class emphasizing the processes and techniques of diagnostic reasoning with critically-ill neonates with diagnoses of advanced complexity and builds upon skills learned and applied Neonatal DDX I. Students will evaluate presenting clinical signs in the neonate requiring intensive care, determine the differential diagnosis, identify appropriate diagnostic tests and exams, and determine the appropriate diagnosis and treatment in neonates with a variety of problems.		NURS 769. Neonatal Residency III	3 Units
For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)		Prerequisite(s): NURS 768.	
		Fee 1: An additional \$300.00 is charged for this course.	
		Fee 2: An additional \$150.00 is charged for this course.	
		Description: This is the third and final clinical residency course for NNP students. The purpose of the NNP Residency is to provide students with learning opportunities that facilitate continued development in the Neonatal Nurse Practitioner role. Students will work with preceptors in a Level III-IV NICUs to apply the knowledge and skills acquired in previous residency semesters and coursework. This course provides the student with an immersion into the Neonatal Nurse Practitioner (NNP) role that allows them to advance their skills and independence in decision-making as a NNP working with infants with increasingly complex medical problems. Students are expected to identify, interpret, and apply current evidence to their practice and clinical decision-making in the care of critically ill infants.	
		For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	

- NURS 770. Advanced Psych Assessment & Clinical Interview** 2 Units
Prerequisite(s): NURS 742.
Fee: An additional \$100.00 is charged for this course.
Description: The focus of this course is the use of clinical interviewing techniques and psychiatric assessment of determining the mental health status of clients throughout the lifespan.
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 771. Psychopathology** 2 Units
Prerequisite(s): NURS 740 and NURS 741.
Fee: An additional \$100.00 is charged for this course.
Description: This course is a comprehensive study of essential developmental and psychopathology across the lifespan. Clinical theory, standards of practice, neurobiology, genomic, genetic and environmental influences will be examined in multicultural contexts.
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 772. Psychopharmacology** 2 Units
Prerequisite(s): NURS 740 and NURS 741.
Fee: An additional \$100.00 is charged for this course.
Description: This course is a comprehensive study of essential psychopharmacology used across the lifespan. Clinical theory, standards of practice, neurobiology, genomic, generic, and environmental influences will be examined in multicultural contexts.
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 773. Management of Psychiatric/Mental Health Conditions: Foundation of Individual Psychotherapy** 3 Units
Prerequisite(s): NURS 771 and NURS 772.
Fee: An additional \$150.00 is charged for this course.
Description: This course will introduce the role and foundations essential to safe and effective practice for the psychiatric-mental health nurse practitioner (PMH-NP). The role of the PMH-NP in delivery of culturally relevant care to persons with psychiatric-mental health concerns will be examined. Evidence-based individual psychotherapies will be explored through relevant literature, professional guidelines and current best practices.
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 774. Diagnosis and Management in Psych/Mental Health: Group Psychotherapy and Care of Special Populations** 3 Units
Prerequisite(s): NURS 773.
Fee: An additional \$150.00 is charged for this course.
Description: This course will expand on the role and essentials to safe and effective practice for the psychiatric-mental health nurse practitioner (PMH-NP). The role of the PMH-NP in the delivery of evidenced-based culturally competent care to persons with psychiatric mental health concerns in the areas of group therapy, mental health promotion/mental illness prevention, and selected psychotherapies will be examined.
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 775. Diagnosis and Management of Psychiatric/Mental Health Conditions** 3 Units
Prerequisite(s): NURS 774.
Fee: An additional \$150.00 is charged for this course.
Description: This course will expand of the role and essentials to safe and effective practice for the psychiatric-mental health nurse practitioner (PMH-NP). Global issues in mental health including access to care and delivery of mental health care within the United States healthcare system will be discussed. The role of the PMH-NP delivery of evidence-based, culturally competent care to persons with complex mental health needs and barriers to care are examined.
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 776. Procedures and Diagnostics for the Acute Care NP I** 1 Unit
Grading Basis: Pass/Fail
Term Typically Offered: Spring Only
Fee: An additional \$50.00 is charged for this course.
Description: This laboratory and skills course places an emphasis on advanced psychomotor and diagnostic skills used by nurse practitioners in the care of adults and adolescents across the lifespan. These skills are learned and practiced in the classroom setting before application in the clinical setting.
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 777. The Adult/Gerontology Acute Care NP Role** 1 Unit
Term Typically Offered: Spring Only
Fee: An additional \$50.00 is charged for this course.
Description: This course focuses on the role of the Adult/Gerontology nurse practitioner in the Acute Care setting as a leader and member of an inter-professional team and expert practitioner. Historical development of the nurse practitioner role, current scope of practice regulations, inter-professional communication, and clinical privileges are addressed.
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 778. DNP Project Completion** 1-3 Units
Grading Basis: Pass/Fail
Term Typically Offered: Fall, Spring, Summer
Fee 1: An additional \$300.00 is charged for this course.
Fee 2: An additional \$150.00 is charged for this course.
Description: In this course students will continue to implement and evaluate their capstone project. The capstone project will require the student to synthesize and apply the competencies learned throughout the curriculum to improve outcomes in health care systems.
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- NURS 779. Diagnosis & Management in Acute Care I** 4 Units
Prerequisite(s): NURS 740 and NURS 741.
Fee: An additional \$200.00 is charged for this course.
Description: This course provides an in-depth analysis of adult-gerontology acute care in the areas of heart, lungs, bleeding disorders and x-ray interpretation. Emphasis is placed on differentiating signs and symptoms, formulating diagnoses, and developing culturally competent plans of care in adolescents or adults with acute, complex and/or critical illnesses or acute exacerbation of chronic or comorbid conditions. The advanced practice nurse's role will be examined both as an individual practitioner and as a member of a collaborative healthcare team. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 780. Procedures and Diagnostics for the Acute Care NP II** 2 Units
Term Typically Offered: Fall Only
Prerequisite(s): NURS 740 and NURS 741.
Fee: An additional \$100.00 is charged for this course.
Description: This course introduces the advanced psychomotor and diagnostic skills used to perform procedures that are commonly performed in the acute care setting. Emphasis is placed on clinical indications, procedural techniques, and potential complications. Skills are taught in laboratories with a hands-on approach before application in the clinical setting. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 781. Diagnosis & Management in Acute Care II** 3 Units
Prerequisite(s): NURS 779.
Fee: An additional \$150.00 is charged for this course.
Description: This course provides an in-depth analysis of adult-gerontology acute care in the areas of renal, autoimmune, gastrointestinal disease and trauma. Emphasis is placed on differentiating signs and symptoms, formulating diagnoses, and developing culturally competent plans of care in adolescents or adults with acute, complex, and/or critical illnesses or acute exacerbations of chronic or comorbid conditions. The advanced practice nurse's role will be examined both as an individual practitioner and as a member for a collaborative healthcare team. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 782. Clinical Practicum: Population specific clinical for the NP** 1-6 Units
Grading Basis: Pass/Fail
Term Typically Offered: Fall, Spring, Summer
Description: The purpose of this course is to provide advanced clinical experiences in comprehensive patient assessment, diagnosis, and management of complex problems among select patient populations. Students will strengthen and enhance their advanced practice skills with preceptor supervision.
Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 783. Diagnosis & Management in Acute Care III** 1 Unit
Prerequisite(s): NURS 781.
Fee: An additional \$50.00 is charged for this course.
Description: This course provides an in-depth analysis of adult-gerontology acute care in the areas of neurology, oncology and endocrine systems, as well as prevention, screening, and navigating the health care system. Emphasis is placed on differentiating signs and symptoms, formulating diagnoses, and developing culturally competent plans of care in adolescents or adults with acute, complex, and/or critical illnesses or acute exacerbation of chronic or comorbid conditions. The advanced practice nurse's role will be examined both as an individual practitioner and as a member for a collaborative healthcare team. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 784. Advanced Neonatal Pharmacology** 3 Units
Prerequisite(s): NURS 741.
Fee: An additional \$150.00 is charged for this course.
Description: This course provides a basis for understanding the pharmacokinetics and actions of specific groups of drugs commonly used in neonatal advanced nursing practice. Emphasis is placed on pharmacological action of drugs, side effects, appropriate dosing, monitoring, drug interactions and guidelines for use of drugs. Legal and ethical considerations of prescriptive practice are also addressed. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 785. Advanced Neonatal Assessment** 3 Units
Prerequisite(s): NURS 741.
Fee: An additional \$150.00 is charged for this course.
Description: This course is an in-depth study of neonatal assessment techniques and normal versus abnormal variations seen in the newborn. Emphasis is on the clinical presentation of the newborn utilizing concepts from developmental anatomy and physiology as well as intrauterine factors that may alter findings. Students will learn advanced physical examination, gestational age, and neurobehavioral assessment skills specific to the neonate. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 786. Human Embryology and Genetics** 3 Units
Description: This course provides the student with basic knowledge of the principles of human embryology and genetics. The genetic and embryological basis for congenital malformations in the high risk neonate will be discussed. Associated fetal physiologic principles will be correlated with embryological development. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p>NURS 787. Clinical Practicum for the DNP NP I 4 Units Grading Basis: Pass/Fail Term Typically Offered: Fall Only Prerequisite(s): NURS 740 and NURS 741. Fee 1: An additional \$200.00 is charged for this course. Fee 2: An additional \$400.00 is charged for this course. Fee 3: An additional \$250.00 is charged for this course. Description: The purpose of this course is to provide clinical experience in comprehensive patient assessment, diagnosis and management of common health problems among select patient populations. Students will begin practicing the role of an APRN under preceptor supervision. Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p>	<p>NURS 790. Special Topics: Research, Theory, Policy, Leadership or Educational Concepts for Doctoral Students 1-6 Units Prerequisite(s): Admitted to the Doctoral Program; Completion of all coursework at the master's degree level. Description: This course is an opportunity for Doctoral Students to focus study in an area of interest germane to their dissertation work. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 791. Applied Statistics for Evidence Based Practice 3 Units Term Typically Offered: Fall, Summer Description: The focus of this course is on the application of quantitative analysis strategies and statistical interpretation of existing evidence for quality improvement. Descriptive and inferential statistics including commonly used parametric and non-parametric tests will be covered. Students will also gain experience presenting findings via narrative, tabular, and oral formats.</p>
<p>NURS 788. Clinical Practicum II 3 Units Grading Basis: Pass/Fail Term Typically Offered: Spring Only Prerequisite(s): NURS 787. Fee 1: An additional \$150.00 is charged for this course. Fee 2: An additional \$300.00 is charged for this course. Description: The purpose of this course is to provide advanced clinical experience in comprehensive patient assessment, diagnosis and management of common and complex problems among select patient populations. Students will strengthen and enhance their advanced practice skills with preceptor supervision.</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p> <p>NURS 793. State of Science Review 1-3 Units Term Typically Offered: Fall, Spring, Summer Prerequisite(s): All required PhD course work prior to qualifying exams. Description: Course provides the opportunity for the PhD student to develop a State-of-Science review of the literature of research relevant to nursing science in the student's focused area for dissertation under the supervision of the PhD students' Dissertation Chair.</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>NURS 789. Clinical Practicum for the DNP NP III 1 Unit Grading Basis: Pass/Fail Term Typically Offered: Summer Only Prerequisite(s): NURS 788. Fee 1: An additional \$100.00 is charged for this course. Fee 2: An additional \$50.00 is charged for this course. Description: This clinical experience focuses on synthesis of theoretical, scientific, and clinical knowledge as well as practice-based skills in the diagnosis and management of existing and potential health problems based on appropriate standards of care. Emphasis will be placed on the collaborative and leadership roles of the advanced practice nurse in health care delivery.</p>	<p>NURS 796. Independent Study for Doctoral Students 1-9 Units Prerequisite(s): Admitted to the Doctoral Program; Completion of all coursework at the master's degree level. Description: Allows doctoral students to work with targeted faculty on a directed project with mutually identified objectives. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 800. Pathophysiology for Pediatric Acute Care 1 Unit Term Typically Offered: Fall Only Fee: An additional \$50.00 is charged for this course. Description: This course is designed to build on the general principles of pathophysiology. Physiologic manifestations commonly occurring in the acutely ill pediatric population will be discussed. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>NURS 801. Pharmacology for Pediatric Acute Care 1 Unit Term Typically Offered: Fall Only Fee: An additional \$50.00 is charged for this course. Description: This course is designed to build on the general principles of advanced pharmacology by preparing the Advanced Practice Registered Nurse (APRN) student to apply pharmacologic principles to the pediatric acute care population. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>

- NURS 802. Procedures for Pediatric Acute Care** 1 Unit
Term Typically Offered: Fall Only
Fee: An additional \$50.00 is charged for this course.
Description: This course introduces the principles and psychomotor skills necessary to perform various procedures and diagnostic tests that are common in the pediatric acute care setting. Emphasis is placed on indications, procedural techniques, and potential complications. Skills will be taught via simulation-based technology.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 803. Diagnosis and Management for Pediatric Acute Care I: Special Needs in Chronic Illness** 3 Units
Term Typically Offered: Fall Only
Fee: An additional \$150.00 is charged for this course.
Description: This course provides an in-depth analysis of care of the pediatric patient with acute exacerbations of chronic illnesses. Emphasis is placed on differentiating signs and symptoms, formulating diagnoses, and developing culturally competent plans of care in infants thru adolescents. The advanced practice nurse's role will be examined both as an individual practitioner and as a member for a collaborative healthcare team.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 804. Diagnosis and Management for Pediatric Acute Care II: Acute Illness** 2 Units
Term Typically Offered: Spring Only
Fee: An additional \$100.00 is charged for this course.
Description: This course provides an in-depth analysis of the pediatric patient with acute medical conditions. Emphasis is placed on differentiating signs and symptoms, formulating diagnoses, and developing culturally competent plans of care in infants thru adolescents. The advanced practice nurse's role will be examined both as an individual practitioner and as a member for a collaborative healthcare team.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 805. Diagnosis and Management for Pediatric Acute Care III: Critical Illness** 3 Units
Fee: An additional \$150.00 is charged for this course.
Description: This course provides an in-depth analysis of the pediatric patient who is critically ill. Emphasis is placed on differentiating signs and symptoms, formulating diagnoses, and patient stabilization while developing culturally competent plans of care in infants thru adolescents. The advanced practice nurse's role will be examined both as an individual practitioner and as a member for a collaborative healthcare team.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 806. The Pediatric Acute Care Nurse Practitioner Role** 1 Unit
Fee: An additional \$50.00 is charged for this course.
Description: This course focuses on the role of the Pediatric nurse practitioner in the Acute Care setting as a leader and member of an inter-professional team and expert practitioner. Historical development of the nurse practitioner role, current scope of practice regulations, inter-professional communication, and clinical privileges are addressed.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 807. The Professional Role of the Advanced Practice Nurse** 3 Units
Term Typically Offered: Fall, Spring
Description: The role and critical issues that define Advanced Practice Nursing will be examined. Topics related to scope of practice, interprofessional collaboration, leadership and health policy will be explored. Guidelines and standards for legal, ethical, and financial issues that are often confronted in APRN practice will be analyzed.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)