Enrollment is limited to students with a major in Nursing.

Restrictions:

- with a grade of C- or higher

Prerequisite(s):

This course examines how research is used in evidence based practice. Critical issues in interprofessional health care and their effect on health care quality, access and cost will be examined. Nursing interventions that promote patient adaptation and safety will be investigated. Critical appraisal of evidence and the use of evidence in practice will be emphasized.

Prerequisite(s):

- (STAT 1100 with a grade of C- or higher, MATH 1300 with a grade of C- or higher, STAT 1300 with a grade of C- or higher, PSY 2050 with a grade of C- or higher, or DSCI 2070 with a grade of C- or higher)
NURS 2705 - Interprofessional Issues in Evidence Based Care
Credit(s): 2 Credits
Building on fundamental knowledge gained in previous courses, this course examines how research is used in evidence based practice. Critical issues in interprofessional health care and their effect on health care quality, access and cost will be examined. Nursing interventions that promote patient adaptation and safety will be investigated. Critical appraisal of evidence and the use of evidence in practice will be emphasized.
Prerequisite(s): NURS 2500 with a grade of C or higher; NURS 2520 with a grade of C or higher
Restrictions:
Enrollment limited to students in the BS Nursing-Accelerated or Hon BS Nursing - Accelerated programs.
Attributes: Nursing Accelerated Bachelor's

NURS 2930 - Special Topics
Credit(s): 1-4 Credits (Repeatable for credit)

NURS 2980 - Independent Study
Credit(s): 1 or 3 Credits (Repeatable for credit)

NURS 3100 - Healthcare Policy, Finance and Regulatory Environments
Credit(s): 2 Credits
This course provides students with an overview of the major functional areas of health care management and shows their relevance to the safe delivery of health care services in a turbulent and very complex interprofessional environment. The focus on how patient care services are organized and financed, how reimbursement is structured and the role of regulatory agencies.
Prerequisite(s): (NURS 2500 with a grade of C or higher, NURS 2510 with a grade of C or higher, NURS 2530 with a grade of C or higher, NURS 3360 with a grade of C or higher, and NURS 3200 with a grade of C or higher)

NURS 3107 - Healthcare Policy, Finance and Regulatory Environments for RNs
Credit(s): 3 Credits
This course provides students with an overview of the major functional areas of health care management and shows their relevance to the safe delivery of health care services in a turbulent and very complex interprofessional environment. The focus on how patient care services are organized and financed, how reimbursement is structured and the role of regulatory agencies.
Restrictions:
Enrollment limited to students in the RN to BSN (SON), RN to BSN St. Anthony’s (SON), RN to BSN BJC (SON) or RN to BSN Mercy Hospital (SON) programs.

NURS 3200 - Health Assessment
Credit(s): 0-3 Credits
This course focuses on the assessment component of the nursing process in the health care of individuals and families across the lifespan. The course integrates assessments of physical health, functional capacity, growth and development, and psychological, sociocultural and spiritual health of individuals, families, and immediate communities. The university laboratory experience provides for learning a systematic method of performing health assessments and development of assessment skills.
Prerequisite(s): (4 courses from NURS 1430 with a grade of C or higher, NURS 2500 with a grade of C or higher, ANAT 1000 with a grade of C- or higher, PPY 2540 with a grade of C- or higher, NURS 1430 with a grade of C or higher, NURS 2500 with a grade of C or higher, ANAT 1000 with a grade of C- or higher, and PPY 2540 with a grade of C- or higher)
Concurrent enrollment allowed.
Restrictions:
Enrollment is limited to students with a major in Nursing.

NURS 3207 - Health Assessment for RNs
Credit(s): 3 Credits
This course focuses on the assessment component of the nursing process in the health care of individuals and families across the lifespan. The course integrates assessments of physical health, functional capacity, growth and development, and psychological, sociocultural and spiritual health of individuals, families, and immediate communities. The university laboratory experience provides for learning a systematic method of performing health assessments and development of assessment skills.
Restrictions:
Enrollment limited to students in the RN to BSN (SON), RN to BSN St. Anthony’s (SON), RN to BSN BJC (SON) or RN to BSN Mercy Hospital (SON) programs.

NURS 3217 - Health Assessment for RNs Credit by Exam
Credit(s): 1-3 Credits
This course focuses on the assessment component of the nursing process in the health care of individuals and families across the lifespan. The course integrates assessments of physical health, functional capacity, growth and development, and psychological, sociocultural and spiritual health of individuals, families, and immediate communities. The university laboratory experience provides for learning a systematic method of performing health assessments and development of assessment skills.
Prerequisite(s): (4 courses from NURS 1430 with a grade of C or higher, NURS 2500 with a grade of C or higher, ANAT 1000 with a grade of C- or higher, PPY 2540 with a grade of C- or higher, NURS 1430 with a grade of C or higher, NURS 2500 with a grade of C or higher, ANAT 1000 with a grade of C- or higher, and PPY 2540 with a grade of C- or higher)
Concurrent enrollment allowed.
Restrictions:
Enrollment is limited to students with a major in Nursing.
NURS 3330 - Pharmacotherapeutics for Nursing Care
Credit(s): 3 Credits
This course develops the students knowledge of the nurses role and responsibilities in drug therapy based on application of concepts from nursing and pharmacology sciences. Legal, ethical, and life span considerations will be presented as they apply to the nurse role in drug therapy. The student will have the opportunity to study groups of drugs using a structured, systematic approach that includes general principles of drug activity, major actions, therapeutic effects, and adverse reactions. The student will learn to apply the nursing process to the care of the patient receiving drugs in a variety of clinical situations.
Prerequisite(s): (5 Courses from CHEM 1083-1110 with a grade of C- or higher, NURS 2500 with a grade of C or higher, NURS 2520 with a grade of C or higher, ANAT 1000 with a grade of C or higher, and PPY 2540 with a grade of C or higher)
* Concurrent enrollment allowed.

NURS 3360 - Pathophysiology
Credit(s): 4 Credits
Lecture 4 hours per week. The focus of the course is on the physiology of altered health states as a dynamic science that has application for both well and ill populations of all age groups. The focus is on the physiological responses to altered health states. This course content is based on the health-illness continuum, including pathophysiological alteration, and system or organ failure. Considerations are given to selected pathological alterations and their effects on physiological and psychological functions. A life span approach is utilized.
Prerequisite(s): NURS 1500 with a grade of C or higher; ANAT 1000 with a grade of C or higher; PPY 2540 with a grade of C or higher
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.

NURS 3370 - Essentials of Therapeutic Nutrition: A Nursing Approach
Credit(s): 2-3 Credits
This course builds on concepts from previous courses to focus on therapeutic nursing interventions to promote patient nutrition during illness with considerations for age and culture. Regulatory process for fluid and electrolyte balance, conditions that alter fluid balance and interventions to prevent body fluid and electrolyte disturbances are emphasized.
Prerequisite(s): (3 courses from NURS 2500 with a grade of C or higher, NURS 2510 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 2500 with a grade of C or higher, NURS 2510 with a grade of C or higher, NURS 3360 with a grade of C or higher, and NURS 3360 with a grade of C or higher)

NURS 3377 - Essentials of Therapeutic Nutrition for RNs Credit by Exam
Credit(s): 2-3 Credits
This course builds on concepts from previous courses to focus on therapeutic nursing interventions to promote patient nutrition during illness with considerations for age and culture. Regulatory process for fluid and electrolyte balance, conditions that alter fluid balance and interventions to prevent body fluid and electrolyte disturbances are emphasized.
Prerequisite(s): (3 courses from NURS 2500 with a grade of C or higher, NURS 2510 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 2500 with a grade of C or higher, NURS 2510 with a grade of C or higher, NURS 3360 with a grade of C or higher, and NURS 3360 with a grade of C or higher)

NURS 3430 - Psychiatric/Mental Health Nursing
Credit(s): 4 Credits
The concept of adaptation serves as the basis for the promotion, maintenance, and restoration of health in clients across the life span. Emphasis is placed on individuals, families and groups to implement professional relationships, based on principles of therapeutic communication and knowledge of psychopathology. As a member of the interdisciplinary health care team, the student will care for psychiatric mental health clients in a variety of settings.
Prerequisite(s): (NURS 2500 with a grade of C or higher, NURS 3200 with a grade of C or higher, NURS 3330 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 2510 with a grade of C or higher, and NURS 2520 with a grade of C or higher)
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.

NURS 3435 - Psychiatric/Mental Health Nursing
Credit(s): 4 Credits
The concepts of adaptation serves as the basis for the promotion, maintenance, and restoration of health in clients across the life span. Emphasis is placed on individuals, families, and groups experiencing alterations in mental health status. The focus of this course is on the application of the nursing process to implement professional relationships, based on principles of therapeutic communication and knowledge of psychopathology. As a member of the interdisciplinary health care team, the student will care for psychiatric mental health clients in a variety of settings.
Prerequisite(s): NURS 2500 with a grade of C or higher, NURS 2515 with a grade of C or higher, NURS 2520 with a grade of C or higher, NURS 3200 with a grade of C or higher, NURS 3330 with a grade of C or higher, NURS 3360 with a grade of C or higher
Restrictions:
Enrollment limited to students in the BS Nursing-Accelerated or Hon BS Nursing - Accelerated programs.
Enrollment limited to students in the Valentine School of Nursing college.
Attributes: Nursing Accelerated Bachelor’s
NURS 3440 - Public Health Nursing
Credit(s): 4 Credits
The focus of this course is the introduction of the student to the concepts and principles of public health and the practice of public health nursing. The nursing process is applied to the care of individuals, families, and groups within the community. The theoretical content and clinical practice emphasize community health measures which promote and maintain the health of the community. Research-based knowledge of public health science is incorporated, health team relationships are broadened, and management of client care is practiced through health teaching, counseling, and referral by home visiting and other experiences. Evaluation of care and fostering of accountability are integrated throughout the course. Legal and ethical issues in public health care are examined.
Prerequisite(s): (NURS 2510 with a grade of C or higher, NURS 3200 with a grade of C or higher, NURS 3330 with a grade of C or higher, and NURS 3360 with a grade of C or higher)
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.
Attributes: Urban Poverty - Applied, Urban Poverty - Health Care

NURS 3445 - Public Health Nursing
Credit(s): 4 Credits
This course introduces the student to the concepts and principles of public health and the practice of public health nursing. The nursing process is applied to the care of individuals, families, and groups in the community. The theoretical content and clinical practice emphasize community health measures which promote and maintain the health of the community. Research-based knowledge of public health science is incorporated, health team relationships are broadened, and management of client care is practiced through health teaching, counseling, and referral by home visiting and other experiences. Evaluation of care and fostering of accountability are integrated throughout the course. Legal and ethical issues in public health are examined.
Prerequisite(s): NURS 2500 with a grade of C or higher; NURS 2515 with a grade of C or higher; NURS 2520 with a grade of C or higher; NURS 3200 with a grade of C or higher; NURS 3330 with a grade of C or higher; NURS 3360 with a grade of C or higher; NURS 3565 with a grade of C or higher
* Concurrent enrollment allowed.
Restrictions:
Enrollment limited to students in the BS Nursing-Accelerated program.
Enrollment limited to students in the Valentine School of Nursing college.
Attributes: Nursing Accelerated Bachelor's

NURS 3447 - Public Health Nursing for RNs
Credit(s): 4 Credits
This course introduces the student to the concepts and principles of public health and the practice of public health nursing. The nursing process is applied to the care of individuals, families, and groups in the community. The theoretical content and clinical practice emphasize community health measures which promote and maintain the health of the community. Research-based knowledge of public health science is incorporated, health team relationships are broadened, and management of client care is practiced through health teaching, counseling, home visiting and other experiences. Evaluation of care and fostering of accountability are integrated throughout the course. Legal and ethical issues in public health are examined.
Restrictions:
Enrollment limited to students in the RN to BSN (SON), RN to BSN St. Anthony's (SON), RN to BSN BJC (SON) or RN to BSN Mercy Hospital (SON) programs.
Attributes: Urban Poverty - Applied, Urban Poverty - Health Care

NURS 3457 - Community Project for RNs
Credit(s): 2 Credits
This course is designed to provide the student with an experience of planning with the community to meet its needs. Working from the knowledge and competencies gained in Public Health Nursing and in collaboration with members of the community, students will provide a service to an agency or population group based on community assessment data. Seminars will provide opportunities for students to discuss and reflect on how service activities express the health nurses responsibility for planning and evaluating population-based services in collaboration with others.
Prerequisite(s): NURS 3447
* Concurrent enrollment allowed.
Restrictions:
Enrollment limited to students in the RN to BSN (SON), RN to BSN St. Anthony's (SON), RN to BSN BJC (SON) or RN to BSN Mercy Hospital (SON) programs.
Attributes: Urban Poverty - Applied, Urban Poverty - Health Care

NURS 3460 - Nursing Care of the Adult
Credit(s): 4 Credits
This course uses a patient-centered, culturally sensitive approach to the health care needs of acutely ill adults. Emphasis is placed on theoretical knowledge and evidence-based practice findings as the basis for nursing strategies to promote, maintain, and restore health. An interprofessional team approach is emphasized in the safe delivery of care.
Prerequisite(s): (NURS 2500 with a grade of C or higher, NURS 3200 with a grade of C or higher, NURS 3330 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 2510 with a grade of C or higher, and NURS 2520 with a grade of C or higher)
NURS 3470 - Nursing Care of the Older Adult  
Credit(s): 4 Credits  
The theory portion of the course uses a patient-centered, culturally sensitive approach to the health care needs of the older adult. Emphasis is placed on theoretical knowledge and evidence-based practice findings as the basis for nursing strategies to promote, maintain, and restore health. Priority is given to the discussion of chronic health conditions, geriatric syndromes, and frailty.  
Prerequisite(s): (NURS 3360 with a grade of C or higher, NURS 3330 with a grade of C or higher, NURS 3200 with a grade of C or higher, NURS 2500 with a grade of C or higher, NURS 2510 with a grade of C or higher, and NURS 2520 with a grade of C or higher)

NURS 3480 - Maternal/Neonatal Nursing  
Credit(s): 3 Credits  
This course uses a person-centered, family-centered, and culturally sensitive approach to the health care needs of women in the childbearing cycle and their newborns. Emphasis is placed on theoretical knowledge and evidence-based practice findings as the basis for nursing strategies to promote, maintain, and restore health. Consideration is also given to common complications occurring in the childbearing cycle.  
Prerequisite(s): (NURS 2500 with a grade of C or higher, NURS 3200 with a grade of C or higher, NURS 3330 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 2510 with a grade of C or higher, and NURS 2520 with a grade of C or higher)

NURS 3485 - Maternal/Neonatal Nursing  
Credit(s): 4 Credits  
This course uses a person-centered, family-centered, and culturally sensitive approach to the health care needs of women in the childbearing cycle and their newborns. Emphasis is placed on theoretical knowledge and evidence-based practice findings as the basis for nursing strategies to promote, maintain, and restore health. An interprofessional team approach is emphasized in the delivery of safe, effective, and quality care. (Offered in Spring)  
Prerequisite(s): NURS 3575 with a grade of C or higher  
Restrictions:  
Enrollment limited to students in the BS Nursing-Accelerated or Hon BS Nursing - Accelerated programs.  
Attributes: Nursing Accelerated Bachelor’s

NURS 3490 - Child Health Nursing  
Credit(s): 4 Credits  
The theory portion of this course uses a person-centered, family-centered, and culturally sensitive approach to the health care needs of infants, children, and adolescents. Emphasis is placed on theoretical knowledge and evidence-based practice findings as the basis for nursing strategies to promote, maintain, and restore health. Priority is given to discussion of significant health care issues within these populations.  
Prerequisite(s): (NURS 2500 with a grade of C or higher, NURS 3200 with a grade of C or higher, NURS 3330 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 2510 with a grade of C or higher, and NURS 2520 with a grade of C or higher)

NURS 3495 - Child Health Nursing  
Credit(s): 3 Credits  
This course uses a person-centered, family-centered and culturally sensitive approach to the health care needs of adults, and older adults. Emphasis is placed on theoretical knowledge and evidence-based practice findings as the basis for nursing strategies to promote, maintain, and restore health. An interprofessional team approach is emphasized in the delivery of safe, effective, and quality care.  
Prerequisite(s): NURS 3575 with a grade of C or higher  
Restrictions:  
Enrollment limited to students in the BS Nursing-Accelerated or Hon BS Nursing - Accelerated programs.  
Attributes: Nursing Accelerated Bachelor’s

NURS 3565 - Adult/Older Adult Health I  
Credit(s): 4 Credits  
This course uses a person-centered, family-centered and culturally sensitive approach to the health care needs of adults, and older adults. Emphasis is placed on theoretical knowledge and evidence-based practice findings as the basis for nursing strategies to promote, maintain, and restore health. An interprofessional team approach is emphasized in the delivery of safe, effective, and quality care. The course emphasizes acute health problems of adults and older adults.  
Prerequisite(s): NURS 2500 with a grade of C or higher; NURS 2515 with a grade of C or higher; NURS 2520 with a grade of C or higher; NURS 3200 with a grade of C or higher; NURS 3330 with a grade of C or higher; NURS 3360 with a grade of C or higher  
Restrictions:  
Enrollment limited to students in the BS Nursing-Accelerated or Hon BS Nursing - Accelerated programs.  
Attributes: Nursing Accelerated Bachelor’s

NURS 3565 - Adult/Older Adult Health II  
Credit(s): 3 Credits  
This course uses a person-centered, family-centered and culturally sensitive approach to the health care needs of adults, and older adults. Emphasis is placed on theoretical knowledge and evidence-based practice findings as the basis for nursing strategies to promote, maintain, and restore health. An interprofessional team approach is emphasized in the delivery of safe, effective, and quality care. The course emphasizes chronic health problems of adults and older adults.  
Prerequisite(s): NURS 3565 with a grade of C or higher  
Restrictions:  
Enrollment limited to students in the BS Nursing-Accelerated or Hon BS Nursing - Accelerated programs.  
Attributes: Nursing Accelerated Bachelor’s

NURS 3807 - Conceptual Framework for Practice  
Credit(s): 3 Credits  
Lecture 3 hours per week. This course introduces the Registered Nurse Option student to the Conceptual Framework, nursing theories and the research process as a scientific basis for practice. Health promotion concepts will be incorporated. Students will be assisted in reconstructing and expanding their own theory base for the practice of nursing.  
Restrictions:  
Enrollment limited to students in the RN to BSN (SON), RN to BSN St. Anthony's (SON), RN to BSN BJC (SON) or RN to BSN Mercy Hospital (SON) programs.
NURS 3930 - Special Topics
Credit(s): 2 or 3 Credits (Repeatable for credit)

NURS 3980 - Independent Study
Credit(s): 1 or 3 Credits (Repeatable for credit)

NURS 4100 - Leadership and Management
Credit(s): 2 Credits
This course focuses on the development of the nurse as a leader at the microsystem level. The concepts of delegation, motivation, negotiation, and problem-solving are addressed within an organizational context. The use of evidence in process improvement for quality care is emphasized. Interprofessional teamwork and health information technology are further explored as mechanisms to promote cost-effective, quality outcomes.
Prerequisite(s): NURS 3100

NURS 4105 - Leadership and Management
Credit(s): 2 Credits
This course focuses on the development of the nurse as a leader at the microsystem level. The concepts of delegation, motivation, negotiation, and problem-solving are addressed within an organizational context. The use of evidence in process improvement for quality care is emphasized. Interprofessional teamwork and health information technology are further explored as mechanisms to promote cost-effective, quality outcomes.
Prerequisite(s): NURS 3100

NURS 4100 - Leadership and Management
Credit(s): 2 Credits
This course focuses on the development of the nurse as a leader at the microsystem level. The concepts of delegation, motivation, negotiation, and problem-solving are addressed within an organizational context. The use of evidence in process improvement for quality care is emphasized. Interprofessional teamwork and health information technology are further explored as mechanisms to promote cost-effective, quality outcomes.
Prerequisite(s): NURS 3100

NURS 4350 - Complex Care Practicum
Credit(s): 4 Credits
This course builds on prior nursing courses and provides the student with a practicum experience in managing patients and environments in selected specialty settings. This precepted clinical experience focuses on assessments, interventions, and outcomes unique to these populations. The student becomes an integral part of the interprofessional team with responsibility for the efficient management of care that produces cost effective, patient-centered outcomes. Skills related to enhancing communication and information management are refined.
Prerequisite(s): (NURS 3430 with a grade of C or higher, NURS 3445 with a grade of C or higher, NURS 3460 with a grade of C or higher, NURS 3470 with a grade of C or higher, NURS 3480 with a grade of C or higher, and NURS 3490 with a grade of C or higher)

NURS 4300 - Complex Care Theory
Credit(s): 2 Credits
The course builds on nursing courses and focuses on complex acute and chronic conditions, some of which may result in death. An evidence based focus is used to support assessments, clinical judgment and effective, efficient nursing interventions. Life span and developmental factors, cultural variables, and legal aspects of care frame the ethical decision-making employed in patient choices for treatment or palliative care within the acute care setting.
Prerequisite(s): (NURS 3430 with a grade of C or higher, NURS 3445 with a grade of C or higher, NURS 3460 with a grade of C or higher, NURS 3470 with a grade of C or higher, NURS 3480 with a grade of C or higher, and NURS 3490 with a grade of C or higher)

NURS 4305 - Complex Care Theory
Credit(s): 2 Credits
This course builds on nursing courses and focuses on complex acute and chronic conditions, some of which may result in death. An evidence based focus is used to support assessments, clinical judgment and effective, efficient nursing interventions. Life span and developmental factors, cultural variables, and legal aspects of care frame the ethical decision-making employed in patient choices for treatment or palliative care within the acute care setting.
Prerequisite(s): (NURS 3430 with a grade of C or higher, NURS 3445 with a grade of C or higher, NURS 3460 with a grade of C or higher, NURS 3470 with a grade of C or higher, NURS 3480 with a grade of C or higher, and NURS 3490 with a grade of C or higher)

NURS 4200 - Nursing Immersion Practicum
Credit(s): 4 Credits
This course builds on prior nursing courses and provides the student with a practicum experience in managing patients and environments in selected specialty settings. This precepted clinical experience focuses on assessments, interventions, and outcomes unique to these populations. The student becomes an integral part of the interprofessional team with responsibility for the efficient management of care that produces cost effective, patient-centered outcomes. Skills related to enhancing communication and information management are refined.
Prerequisite(s): NURS 4300*

NURS 4300 - Complex Care Practicum
Credit(s): 2 Credits
The course builds on nursing courses and focuses on complex acute and chronic conditions, some of which may result in death. An evidence based focus is used to support assessments, clinical judgment and effective, efficient nursing interventions. Life span and developmental factors, cultural variables, and legal aspects of care frame the ethical decision-making employed in patient choices for treatment or palliative care within the acute care setting.
Prerequisite(s): (NURS 3430 with a grade of C or higher, NURS 3445 with a grade of C or higher, NURS 3460 with a grade of C or higher, NURS 3470 with a grade of C or higher, NURS 3480 with a grade of C or higher, and NURS 3490 with a grade of C or higher)

NURS 4305 - Complex Care Theory
Credit(s): 2 Credits
This course builds on nursing courses and focuses on complex acute and chronic conditions, some of which may result in death. An evidence based focus is used to support assessments, clinical judgment and effective, efficient nursing interventions. Life span and developmental factors, cultural variables, and legal aspects of care frame the ethical decision-making employed in patient choices for treatment or palliative care within the acute care setting.
Prerequisite(s): (NURS 3430 with a grade of C or higher, NURS 3445 with a grade of C or higher, NURS 3460 with a grade of C or higher, NURS 3470 with a grade of C or higher, NURS 3480 with a grade of C or higher, and NURS 3490 with a grade of C or higher)

NURS 4200 - Nursing Immersion Practicum
Credit(s): 4 Credits
This course builds on prior nursing courses and provides the student with a practicum experience in managing patients and environments in selected specialty settings. This precepted clinical experience focuses on assessments, interventions, and outcomes unique to these populations. The student becomes an integral part of the interprofessional team with responsibility for the efficient management of care that produces cost effective, patient-centered outcomes. Skills related to enhancing communication and information management are refined.
Prerequisite(s): NURS 4300*
NURS 4355 - Complex Care Practicum  
Credit(s): 4 Credits  
This course builds on previous nursing courses to provide the student with a practicum experience in managing complex patients and environments. This precepted adult clinical experience focuses on clinical judgment in complex patient situations. The student becomes an integral part of the interprofessional team with responsibility for the efficient management of care that produces cost effective, patient-centered outcomes. Skills related to enhancing communication and information management are refined.  
Prerequisite(s): NURS 3435* with a grade of C or higher and NURS 3445* with a grade of C or higher  
* Concurrent enrollment allowed.  
Restrictions:  
Enrollment limited to students in the RN to BSN (SON), RN to BSN St. Anthony's (SON), RN to BSN BJC (SON) or RN to BSN Mercy Hospital (SON) programs.

NURS 4600 - Pharmacology in Nursing  
Credit(s): 3 Credits  
This course develops the student's knowledge of the nurse's role and responsibilities in drug therapy based on application of concepts from nursing and pharmacology sciences. Legal, ethical, and life span considerations will be presented as they apply to the nurse's role in drug therapy. The student will have the opportunity to study groups of drugs using a structured, systematic approach that includes general principles of drug activity, major actions, therapeutic effects, and adverse reactions. The student will learn to apply the nursing process to the care of the patient receiving drugs in a variety of clinical situations.

NURS 4801 - Fluid & Electrolytes  
Credit(s): 2 or 3 Credits  
Prerequisite(s): ((1 course from NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher) or (1 course from NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher))

NURS 4400 - Synthesis of Nursing Concepts  
Credit(s): 1 Credit  
This course provides the student with the opportunity to integrate and synthesize nursing concepts in preparation for taking the NCLEX-RN exam. The NCLEX blueprint is described, key content is reviewed and test taking strategies are presented. Students have the opportunity to apply learning by taking standardized exit exams.  
Prerequisite(s): NURS 4150* with a grade of C or higher  
* Concurrent enrollment allowed.  
Restrictions:  
Enrollment limited to students in the BS Nursing-Accelerated or Hon BS Nursing - Accelerated programs.

NURS 4405 - Synthesis of Nursing Concepts  
Credit(s): 1 Credit  
This course provides the student with the opportunity to integrate and synthesize nursing concepts in preparation for taking the NCLEX-RN exam. The NCLEX blueprint is described, key content is reviewed and test taking strategies are presented. Students have the opportunity to apply learning by taking standardized exit exams.  
Prerequisite(s): NURS 4305* with a grade of C or higher; NURS 4355* with a grade of C or higher  
* Concurrent enrollment allowed.  
Restrictions:  
Enrollment limited to students in the BS Nursing-Accelerated or Hon BS Nursing - Accelerated programs.

NURS 4507 - Comprehensive Nursing Practice  
Credit(s): 4 Credits  
This clinical course focuses on the analysis of health care needs of clients and the application of organizational and management theories. Students are expected to demonstrate increased competence in a variety of nursing roles, including care giver, teacher, advocate, and collaborator. Students will manage the nursing care of individuals, families, and groups at various points on the health-illness continuum.  
Restrictions:  
Enrollment limited to students in the RN to BSN (SON), RN to BSN St. Anthony's (SON), RN to BSN BJC (SON) or RN to BSN Mercy Hospital (SON) programs.

NURS 4400 - Synthesis of Nursing Concepts  
Credit(s): 1 Credit  
This course provides the student with the opportunity to integrate and synthesize nursing concepts in preparation for taking the NCLEX-RN exam. The NCLEX blueprint is described, key content is reviewed and test taking strategies are presented. Students have the opportunity to apply learning by taking standardized exit exams.  
Prerequisite(s): NURS 4150* with a grade of C or higher  
* Concurrent enrollment allowed.  
Restrictions:  
Enrollment limited to students in the BS Nursing-Accelerated or Hon BS Nursing - Accelerated programs.

NURS 4405 - Synthesis of Nursing Concepts  
Credit(s): 1 Credit  
This course provides the student with the opportunity to integrate and synthesize nursing concepts in preparation for taking the NCLEX-RN exam. The NCLEX blueprint is described, key content is reviewed and test taking strategies are presented. Students have the opportunity to apply learning by taking standardized exit exams.  
Prerequisite(s): NURS 4305* with a grade of C or higher; NURS 4355* with a grade of C or higher  
* Concurrent enrollment allowed.  
Restrictions:  
Enrollment limited to students in the BS Nursing-Accelerated or Hon BS Nursing - Accelerated programs.

NURS 4507 - Comprehensive Nursing Practice  
Credit(s): 4 Credits  
This clinical course focuses on the analysis of health care needs of clients and the application of organizational and management theories. Students are expected to demonstrate increased competence in a variety of nursing roles, including care giver, teacher, advocate, and collaborator. Students will manage the nursing care of individuals, families, and groups at various points on the health-illness continuum.  
Restrictions:  
Enrollment limited to students in the RN to BSN (SON), RN to BSN St. Anthony's (SON), RN to BSN BJC (SON) or RN to BSN Mercy Hospital (SON) programs.
NURS 4804 - Women's Health  
Credit(s): 2 or 3 Credits  
Prerequisite(s): (((1 course from NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, and NURS 3360 with a grade of C or higher) or (1 course from NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, and NURS 5170 with a grade of C or higher))

NURS 4806 - End of Life Nursing  
Credit(s): 2-3 Credits  
Prerequisite(s): (((1 course from NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, and NURS 3360 with a grade of C or higher) or (1 course from NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, and NURS 5170 with a grade of C or higher)))

NURS 4808 - Disaster Preparedness  
Credit(s): 2-3 Credits  
Prerequisite(s): (((1 course from NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, and NURS 3360 with a grade of C or higher) or (1 course from NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, and NURS 5170 with a grade of C or higher)))

NURS 4810 - Topics in Pediatric Nursing  
Credit(s): 2 or 3 Credits (Repeatable for credit)  
Offered periodically in spring.  
Prerequisite(s): (((1 course from NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, and NURS 3360 with a grade of C or higher) or (1 course from NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, and NURS 5170 with a grade of C or higher)))

NURS 4812 - Action Methods for Health & Healing  
Credit(s): 3 Credits  
Prerequisite(s): (((1 course from NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, and NURS 3360 with a grade of C or higher) or (1 course from NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, and NURS 5170 with a grade of C or higher))

NURS 4813 - Trends in Maternity Nursing  
Credit(s): 2-3 Credits  
Prerequisite(s): (((1 course from NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, and NURS 3360 with a grade of C or higher) or (1 course from NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, and NURS 5170 with a grade of C or higher)))
NURS 4814 - Ethics in Nursing and Health Care
Credit(s): 2 or 3 Credits
This course offers an overview of ethical theory, principles, and norms that should inform professional nursing practice. The meaning of nursing as a profession is studied as a source of ethical obligation for the nurse. Cases that arise in the practice of nursing are analyzed and evaluated in light of the identified theory, principles, and norms.
Prerequisite(s): ((1 course from NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, and NURS 3360 with a grade of C or higher) or (1 course from NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, and NURS 5170 with a grade of C or higher)))

NURS 4815 - Issues in Critical Care
Credit(s): 2 or 3 Credits (Repeatable for credit)

NURS 4816 - Adolescent Sexuality Pregnancy & Parenting
Credit(s): 2-3 Credits
Prerequisite(s): ((1 course from NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, and NURS 3360 with a grade of C or higher) or (1 course from NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, and NURS 5170 with a grade of C or higher)))

NURS 4817 - Family Centered Care
Credit(s): 2-3 Credits

NURS 4818 - Intro to Genetics, Genomics and Molecular therapies
Credit(s): 3 Credits
Prerequisite(s): ((1 course from NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, and NURS 3360 with a grade of C or higher) or (1 course from NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, and NURS 5170 with a grade of C or higher)))

NURS 4819 - Roles of the Nurse Case Manager/Care Manager
Credit(s): 3 Credits
This course facilitates critical examination of the practice of integrated case management and care management. Using a case study approach, critical thinking skills will be fostered to plan for and address the care needs of the patient with complex health needs. Students will utilize tools and resources commonly used by case managers and care managers to assess individual patient care needs, population health, develop a plan of care, and to coordinate patient care throughout the care continuum.

NURS 4820 - Role of the Nurse Case Manager I
Credit(s): 3 Credits
Prerequisite(s): ((1 course from NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, NURS 3360 with a grade of C or higher, and NURS 3360 with a grade of C or higher) or (1 course from NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, NURS 5170 with a grade of C or higher, and NURS 5170 with a grade of C or higher)))

NURS 4821 - Role of the Nurse Case Mnger II
Credit(s): 3 Credits

NURS 4822 - Disabilities & Nursing Care
Credit(s): 3 Credits

NURS 4823 - Intro to Forensic Nursing
Credit(s): 2 or 3 Credits
The course is an introductory survey course that includes the evolution of the role, education, subspecialties, and credentialing within forensic nursing. Theoretical, ethical, legal and sociocultural issues in forensic nursing including interpersonal violence, sexual assault, death investigation, and disaster management are explored. Concepts of forensic nursing as well as theories and applications are presented.

NURS 4824 - Perioperative Nursing Elective
Credit(s): 2 or 3 Credits
This course uses a patient centered, culturally sensitive approach to the health care needs of the surgical patient. It is designed to develop knowledge in the student using current evidence based findings. An inter-professional team approach is emphasized in the delivery of safe care. The role of the registered nurse (RN) in the pre-operative area, intra-operative area and post-operative area will be discussed in collaboration with the interdisciplinary healthcare team members.
Prerequisite(s): NURS 3460 with a grade of C or higher
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.

NURS 4930 - Special Topics
Credit(s): 3 Credits (Repeatable for credit)

NURS 4980 - Independent Study
Credit(s): 1-4 Credits (Repeatability up to 15 credits)
Prerequisite(s): NURS 4507
NURS 5000 - Epidemiology
Credit(s): 3 Credits
This course is an overview of epidemiological investigation, including introduction to the tools of descriptive and basic analytical epidemiology, as well as basic socio-demographic concepts. Basic concepts in statistical inference are discussed as they relate to epidemiological applications.

NURS 5010 - Nursing Strategies in Physiological Health Alterations
Credit(s): 6 Credits
Building on concepts learned in previous courses, this course uses a lifespan approach in the study of clients experiencing alterations in health. Emphasis is placed on theoretical and evidence based knowledge as the basis for nursing strategies to promote adaptation of the individual and family. The student applies theoretical knowledge in the care of clients in simulated client settings. Field experiences provide the student with the opportunity to interact with clients in actual patient care settings.

NURS 5015 - Nursing Strategies in Psychosocial Health Alterations
Credit(s): 4 Credits
NURS 5020 - Health Care Systems & Policy
Credit(s): 3 Credits
This course examines the environment in which nursing and health care is provided. Health care delivery systems and the organizational theories and behaviors involved in those systems will be introduced. The effect of health care policy in determining accessibility, accountability and affordability will be investigated. Financing of health care will be discussed and basic business principles will be introduced. The role of the advanced generalist nurse in the provision of quality cost-effective care in a variety of health care systems will be emphasized.

NURS 5025 - Informatics and Quality Improvement
Credit(s): 3 Credits
This course examines the process for reviewing, monitoring, improving and evaluating health care services. Health services accreditation standards will be explored. The role of information technology in providing data for the documentation and evaluation of client outcomes will be emphasized. Basic principles of epidemiology will be introduced. Quality improvement models will be described. The role of the advanced generalist nurse in developing and implementing performance improvement plans will be examined.
Prerequisite(s): NURS 5020

NURS 5035 - Foundations in Nursing Care
Credit(s): 3 Credits
This course focuses on the use of clinical judgment in the application of evidenced based therapeutic interventions and technologies in providing direct care to patients across the lifespan. The social, legal, ethical, cultural and interprofessional context of clinical decision making in nursing is discussed. The nursing process is presented as integral components of the advanced health assessment. Concepts of diagnostic reasoning and clinical decision-making emphasized. Students gain experience in implementing the nursing process in simulated and actual patient settings. Offered in fall.
Restrictions:
Enrollment limited to students in the MSN Accelerated program.

NURS 5040 - Advanced Practice Nursing: Role Acquisition
Credit(s): 1 Credit
This course examines the history and development of the advanced practice nursing (APN) role, responsibilities and specialty areas in advanced practice. Capabilities and competencies relevant to advanced practice are explored. Professionalism and commitment to life-long learning are reaffirmed. Offered every year in the fall.

NURS 5080 - Advanced Pharmacology
Credit(s): 3 Credits
The course focuses on concepts, principles, and application of pharmacotherapeutics used by a nurse practitioner in the management of health problems encountered in primary care. Emphasis is placed on the action, absorption, metabolism, excretion, and toxicity of the major classes of drugs used in clinical practice. Lifespan considerations that affect management are included.
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.

NURS 5110 - Advanced Assessment and Clinical Decision Making
Credit(s): 3 Credits
This course focuses on the assessment and diagnostic reasoning component of the nursing process in the health care of individuals and families across the life span. The course integrates advanced assessment within the dimensions of the adaptation framework included advanced assessments of physical health, growth and development and psychological, socio-cultural and spiritual health of individuals within their families of performing comprehensive health assessments and development of advanced assessment skills.

NURS 5115 - Advanced Health Assessment for the Generalist Nurse
Credit(s): 3 Credits
This course focuses on the assessment & diagnostic reasoning component of the nursing process in the health care of individuals and families across the life span. The course integrates advanced assessment within the dimensions of the adaptation framework including advanced assessments of physical health, growth and development and psychological, socio-cultural and spiritual health of individuals within their families. Emphasis is placed on the performance of comprehensive health assessments and the development of advanced assessment skills. Students have the opportunity to practice assessment skills in a simulated client setting.

NURS 5130 - Clinical & Diagnostic Reasoning
Credit(s): 2 Credits
Concepts of diagnostic reasoning and clinical decision-making are presented as integral components of the advanced health assessment of individuals and families across the life span. During supervised clinical practicum experiences, students apply theoretical knowledge and advanced practice nursing skills to perform health assessments on clients/patients. The synthesis and application of anatomical-physiological, psychosocial, cultural, spiritual health concepts, growth and development, aging process, and ethical practice are emphasized to achieve competence in comprehensive health assessment as an advanced practice nurse. There are no prerequisites.

NURS 5140 - Health Promotion
Credit(s): 3 Credits
Selected models, mid-range theories, and tools are used to understand behavior and to identify risks to health. Evidence-based clinical prevention activities are analyzed for their use to improve the health of individuals, families, and populations. Methods for providing leadership in the conceptualization and implementation of clinical prevention and population health for individuals and populations are explored. The impact of lifestyle, cultural and environmental factors on health and/or health disparity are discussed. Students will implement and evaluate health promotion/disease prevention interventions with individuals and/or groups.
NURS 5145 - Nursing Strategies for Health Promotion  
Credit(s): 3 Credits  
The role of the nurse in promoting health and reducing risk behaviors of individuals and families across the lifespan is the focus of this course. Selected models, mid-range theories, and tools are used to understand behavior and to identify risks to health. Evidence-based clinical prevention activities are analyzed for their use to improve the health of individuals, families, and populations. Methods for providing leadership in the conceptualization and implementation of clinical prevention and population health for individuals and populations are explored. The impact of lifestyle, cultural, and environmental factors on health and/or health disparity are discussed. Students will implement and evaluate health promotion/disease prevention interventions with individuals and/or groups. *(Offered every Fall)*

**Restrictions:**  
Enrollment limited to students in the MSN Accelerated program.

NURS 5160 - Principles of Practice Management  
Credit(s): 2 Credits  
This course explores the professional and business aspects of advanced practice nursing. Concepts explored include: legal aspects of practice, cost containment, reimbursement, coding, case management, and outcomes management. Principles of advanced practice nursing management and balancing productivity with quality of care are examined. Mentoring others in practice and the importance of being active in professional organizations are discussed. *(Offered every Fall and Spring)*

NURS 5170 - Advanced Pathophysiology  
Credit(s): 3 Credits  
Provides an in-depth study of the physiological changes and responses to altered health states and their impact on the functional status of patients. Lifespan and vulnerable population considerations are integrated throughout.

**Restrictions:**  
Enrollment limited to students in the Valentine School of Nursing college.

NURS 5200 - Gen Research Methods  
Credit(s): 3 Credits  
Survey of the techniques, methods, and tools of research in the behavioral sciences and social sciences. General discussion of the research process followed by examination of several different study designs such as observational, experimental, descriptive, and sample survey. Overview of different methods of data collection and analysis frequently used in research literature.

NURS 5205 - Evidence-Based Practice for the Advanced Generalist Nurse  
Credit(s): 3 Credits  
In this course research is introduced as a method of inquiry and as a foundation for evidence based clinical decisions. Fundamentals of research methodology will be presented. Developing, evaluating, and applying an evidence-base to address nursing care issues will be considered. The theoretical basis for research utilization, the contributions of the evidence-based practice movement, and practical instances of their application in nursing will be examined. Barriers to implementation of evidence based practice and strategies to address those barriers will be considered from an individual and an organizational perspective. Opportunities will be provided for students to gain experience in finding and applying evidence based knowledge.

NURS 5240 - Advanced Clinical Studies I: Adolescents and Adults  
Credit(s): 4 Credits  
Relevant Theories are applied in the nursing management of clients with primary health care needs and/or acute or chronic illnesses. By using research and evidence based practice guidelines students implement strategies in the physiological, psychosocial, cultural, and spiritual dimensions in caring for clients and their families. The practicum component provides for integration of the nurse practitioner role in the primary care setting.

**Prerequisite(s):** NURS 5110, NURS 5140, NURS 5170, and NURS 5080*  
* Concurrent enrollment allowed.

NURS 5250 - Advanced Clinical Studies II: Adult & Older Adult  
Credit(s): 5 Credits  
This course focuses on the theoretical and scientific basis for advanced nursing management of adult and older adult clients with primary health care needs and/or acute or chronic illnesses. Geriatric Syndromes and complex co-morbidity management will be addressed. By using nursing research, practice guidelines and standards students implement strategies in the psychosocial, cultural, and spiritual dimensions in caring for elderly patients and their families. The practicum component provides for the application and integration of the advanced practice nursing in the primary care setting.

**Prerequisite(s):** NURS 5240

NURS 5260 - Advanced Clinical Studies I: The Acute Care Setting  
Credit(s): 4 Credits  
This course addresses short-term goals including minimizing or preventing complications, attending to co-morbidities, and promoting physical and psychological well-being. Discussion will relate to palliative care, end-of-life care and evaluation of risk factors to address maximizing health outcomes. Specific skill sets for the Adult Gerontology Acute Care Nurse Practitioner are developed dependent on the patient population and specialty-based area of practice. The practicum component of this course provides the nurse practitioner student the opportunity to master and apply the theory, knowledge and skills in a variety of acute care settings across the life span.

**Prerequisite(s):** NURS 5080, NURS 5110, NURS 5140, and NURS 5170

NURS 5270 - Advanced Clinical Studies II: The Acute Care Setting  
Credit(s): 5 Credits  
This course addresses the management of the adult (adolescent-older adult) patient who are physiologically unstable and that are at risk for potential life threatening conditions. Discussion will relate to the utilization of invasive interventions and procedures that promote physiologic stability in acute and life threatening conditions. In caring for patients and their families strategies in the physiological, psychological, sociocultural and spiritual dimensions will be implemented. The practicum component of this course provides the nurse practitioner student the opportunity to master and apply the knowledge and skills in a diverse population including the Intensive Care Unit.

**Prerequisite(s):** NURS 5260

NURS 5280 - Advanced Clinical Studies I: Adults and Older Adults  
Credit(s): 5 Credits  
Relevant Theories are applied in the nursing management of clients with primary health care needs and/or acute or chronic illnesses. By using research and evidence based practice guidelines students implement strategies in the physiological, psychosocial, cultural, and spiritual dimensions in caring for clients and their families. The practicum component provides for integration of the nurse practitioner role in the primary care setting.

**Prerequisite(s):** NURS 5080, NURS 5110, NURS 5140, and NURS 5170
NURS 5200 - Advanced Clinical Studies II: Women and Children
Credit(s): 5 Credits
This course focuses on the theoretical and scientific bases for health promotion, maintenance, and management in the primary care of women, expectant families, and children (ages 0-21 years). Well woman care, family planning, and reproductive tract disorders commonly seen in primary care will be studied. Care of children with minor acute and selected stable chronic health problems also will be addressed. Trends in health care, ethical issues, and the socioeconomic and political environment of women, expectant families, and children are analyzed to optimize the management of care. A practicum component is required. This course is designed for the family nurse practitioner role in the primary care setting.
Prerequisite(s): NURS 5280

NURS 5310 - Critical Appraisal of Technology: Acute Care
Credit(s): 3 Credits
Content in this course prepares the student to analyze current and emerging technologies to support safe practice environments, and to optimize patient safety, cost-effectiveness, and health outcomes. The student synthesizes data from a variety of sources to make clinical decisions regarding appropriate management, consultation or referral for acutely and critically ill patients.
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.

NURS 5320 - Advanced Clinical Studies I: Nursing of Children
Credit(s): 4 Credits
This course provides the student with the opportunity to apply knowledge and skills in the clinical management of children who are healthy or who are experiencing selected health problems. Emphasis is placed on using models and theories that guide advanced nursing practice. The focus is on the assessment and diagnosis of health risks and health problems. Therapeutic interventions will be designed to promote health for well child care and to restore health for children who have common childhood illnesses.
Prerequisite(s): NURS 5110, NURS 5140, NURS 5170, and NURS 5080
* Concurrent enrollment allowed.

NURS 5330 - Advanced Clinical Studies II: Nursing of Children
Credit(s): 4 Credits
This course provides the student with the opportunity to apply knowledge and skills in the clinical management of children who are experiencing selected acute and chronic health problems. Emphasis is placed on using models and theories that guide advanced nursing practice. The focus is on the assessment, diagnosis and therapeutic interventions for children with acute and chronic illness and their families.
Prerequisite(s): NURS 5320

NURS 5340 - Advanced Clinical Studies I: Psychiatric Mental Health Nursing
Credit(s): 4 Credits
This course focuses on behaviors pertinent to the role of the advanced practice nurse as a psychotherapeutic agent in holistically treating clients with acute and chronic mental health needs/problems. Selected counseling and psychotherapy theories, biopsychosocial theories, and psychiatric mental health-related concepts, issues, problems, and disorders are examined. Clinically, students use research findings, evidence-based clinical practice guidelines, practical knowledge and skills, and theories. Self-initiated academic and personal discoveries are expected. Emphasis is given to active and ongoing collaboration with clients, their families and/or significant others, and the interprofessional team.
Prerequisite(s): NURS 5080, NURS 5110, NURS 5170, NURS 5400, NURS 5550*, and NURS 5140*
* Concurrent enrollment allowed.

NURS 5350 - Advanced Clinical Studies II: Psychiatric Mental Health Nursing
Credit(s): 5 Credits
This course focuses on the use of pertinent theories, research, evidence-based findings, practice guidelines and standards, and interdisciplinary collaboration to holistically assess and manage complex health and mental health care needs/problems of groups and individuals across the continuum of care. Group theories and processes to effectively design, conduct, and evaluate strategies for a structured group therapy product is stressed. The performance of comprehensive psychiatric assessments/evaluations and analysis of client data to formulate differential diagnoses based on appropriate classification systems are emphasized. Students tailor their use of holistic psychotherapy modalities and intervention strategies for clients of selected populations.
Prerequisite(s): NURS 5340

NURS 5400 - Ecological Approach to Human Behavior
Credit(s): 3 Credits
This course focuses on content that facilitates the development of the psychotherapist role of a psychiatric mental health advanced practice nurse of the counseling role of advanced practice nurses in other specialties when taken as elective. Psychological theories, models, therapies, and treatment strategies that address the requisite knowledge and skills needed to foster therapeutic advanced practice nurse-client relationships are examined with emphasis on target populations. Analyses of treatment/intervention strategies within various theories and models that may be used with particular clients are explored. Personal and professional orientations, values, and behavioral insights are examined throughout the course to promote increasing depth and breadth of understanding of using oneself as a therapeutic tool.
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.

NURS 5430 - Psychopharmacology
Credit(s): 2 Credits
This course focuses on concepts, principles, and application of psycho-pharmaco-therapeutics used in the management of individuals across the lifespan at risk for developing and/or having mental health needs/problems or diagnoses of psychiatric disorders. Emphasis is placed on the proposed mechanism of action, metabolism, excretion, and adverse reactions of the major classes of psycho-pharmacological agents used in a wide range of clinical settings.
NURS 5510 - Mental Health Care Family
Credit(s): 2 Credits
Multicultural individuals and families at risk for mental and psychosocial problems are considered within the context of primary care practice. Nurse practitioner students will use evidence based practice to integrate behavioral, substance abuse and primary care services for individuals across the lifespan. Students will use learn methods of intervention using cognitive-behavioral, psychopharmacological, and non-traditional approaches to psychosocial and related chronic illness and physical problems. Research related to environmental, psychosocial, genetic, economic, family systems developmental risk factors, drug efficacy and non-pharmacological approaches for individuals with mental and psychosocial illness is investigated. The impact of contemporary health care policy, and other legislative proposals regarding quality, cost and access to care will be integrated.
Prerequisite(s): NURS 5080, NURS 5170, and NURS 5110

NURS 5550 - Family and Child Development
Credit(s): 3 Credits
Advanced study of families during the childbearing and childrearing years. Includes consideration of normative patters of physical and psychosocial development and factors that challenge these normative processes. Emphasizes analysis of theories and research concerning families and children.
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.

NURS 5560 - Evidence-Based Approaches for the Nurse Educator
Credit(s): 2 Credits
This course is designed to help students develop an evidence-based approach for the roles of the nurse educator in a variety of practice settings. The evidence on selected educational topics is examined and students create instructional materials based on existing evidence. Students utilize skills in locating, analyzing, integrating and presenting evidence to demonstrate teaching approaches in selected nurse educator roles. Reflective practice is highlighted and students plan for continuing professional development in the areas of discovery, integration, application, and teaching.
Prerequisite(s): (NURS 5200* or NURS 6160*) *Concurrent enrollment allowed.

NURS 5570 - Curriculum Development in Nurse Education
Credit(s): 2-3 Credits
Course focuses on program development and curriculum design in nursing. Theories of education and cognitive development, as a foundation for program preparation, will be presented. Use of mission and philosophy statements as bases of curriculum development will be explored. Students will participate in the curriculum-design process. Issues affecting curriculum design and development of curriculum outcomes will be analyzed. The evaluation process and its impact on curriculum development and implementation will be considered.
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.

NURS 5580 - Instructional Strategies and Evaluation in Nurse Education
Credit(s): 2 Credits
Students will gain experience in the development and critique of selected instructional methods for course and lesson development. Teaching-learning principles will be incorporated in the application of educational strategies relevant to clients, staff, and nursing students. Various evaluation methods will be examined. Issues in the selection of instructional strategies and evaluation methods will be discussed.
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.

NURS 5590 - Practicum in Nursing Education
Credit(s): 2 Credits (Repeatable for credit)
Course facilitates the graduate student’s integration of educational theory and nursing knowledge. The student will participate in a teaching practicum under the guidance of an experienced nurse educator. Concurrent seminars will address topics promoting the student’s role-socialization as an educator.
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.

NURS 5601 - Clinical Studies I
Credit(s): 4 Credits
Using theoretical and evidence based knowledge gained in previous course work, the student will apply the nursing process to the care of patients and families experiencing acute health alterations. Students will work with preceptors in an acute care setting to develop a beginning understanding of how patient-centered care and interprofessional collaboration can result in positive adaption for patients and families. The role of the nurse in providing safe, quality care will be discussed.

NURS 5602 - Clinical Studies II
Credit(s): 4 Credits
Using theoretical and evidence based knowledge gained in previous course work, the student will apply the nursing process to the care of patients and families experiencing acute health alterations. Students will work with preceptors in an acute care setting to further their understanding of how patient-centered care and interprofessional collaboration results in positive adaptation for patients and families. The role of the nurse in providing safe, quality care will be examined.

NURS 5603 - Clinical Studies III
Credit(s): 4 Credits
Integrating theoretical and evidence based knowledge gained in previous course work, the student will use the nursing process to design care for patients and families experiencing acute health alterations. Students will work with preceptors in an acute care setting to promote patient-centered care, interprofessional collaboration and positive adaptation for patients and families. The role of the nurse in providing safe, quality care will be emphasized.

NURS 5604 - Advanced Clinical Studies
Credit(s): 0-4 Credits
This course focuses on the application of evidence-based nursing care to promote safety and quality care outcomes in a specific clinical population. Particular emphasis will be placed on the assessment of risk and the development of risk reduction strategies in the selected patient population. Key issues in the management of acute and chronic illness and the promotion of health will be explored.
Prerequisite(s): NURS 5010 and NURS 5020
Corequisite(s): NURS 5603
NURS 5605 - Practicum in Clinical Leadership
Credit(s): 0-5 Credits
The student will design, implement and evaluate care during an immersion experience in a designated health care setting. The experience will foster leadership and role acquisition with emphasis on quality improvement, interprofessional team care, patient-centered care, evidence-based practice and utilization of informatics and technology. The culmination of the experience will be a professional paper and presentation in which students communicate their project design and results.
Prerequisite(s): NURS 5604

NURS 5606 - Clinical Nursing Leadership for Advanced Generalists
Credit(s): 3 Credits
This course examines the theory and application of leadership strategies in the health care setting. Change theory and the process of making changes at the individual, unit and organizational level are examined. Leadership roles for the advanced generalist will be explored.
Prerequisite(s): NURS 5604

NURS 5607 - Advanced Synthesis of Nursing Concepts
Credit(s): 1 Credit
This course provides the student with the opportunity to integrate and synthesize nursing concepts in preparation for taking the NCLEX-RN exam. The NCLEX blueprint is described, key content is reviewed and test taking strategies are presented. Students have the opportunity to apply learning by taking standardized exit exams. (Offered every Spring)
Corequisite(s): NURS 5605

NURS 5630 - Dynamics of Family Nursing Practice
Credit(s): 3 Credits
This course provides the theoretical foundations for the nursing care of families within a community context. The course will emphasize analysis of theories and research concerning families. Family functioning and roles in family health care, using family assessment tools and other nursing strategies with respect to advanced nursing practice are appraised. Family dynamics that impact family well-being and contemporary governmental, corporate and agency policies and resources that affect family functioning are examined.

NURS 5650 - Adolescent Sexuality, Childbearing, and Child-rearing
Credit(s): 2-3 Credits
Examines current trends in adolescent sexuality, fertility, and childrearing and their social context. Explores related factors within the framework of adolescent development. Describes public health and social consequences of adolescent childbearing; analyzes creative models for prevention of pregnancy and for providing comprehensive services. Examines ethical issues surrounding such programs.
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.

NURS 5660 - Evidence-Based Approaches for the Nurse Educator
Credit(s): 2 Credits
This course is designed to help students develop an evidence-based approach for the roles of the nurse educator in a variety of practice settings. The evidence on selected educational topics is examined and students create instructional materials based on existing evidence. Students utilize skills in locating, analyzing, integrating and presenting evidence to demonstrate teaching approaches in a selected nurse educator role. Reflective practice is highlighted and students plan for continuing professional development in the areas of discovery, integration, application, and teaching.

NURS 5750 - Care for the Elderly an Interdisciplinary Approach
Credit(s): 2-3 Credits
Designed to focus on an integrated approach for health care delivery to the elderly. Emphasis is on the physiological, psychological, socio-cultural, spiritual, ethical, and political/legal theoretical basis for care of the elderly. Opportunities are provided to acquire a knowledge about the elderly from the various disciplines in relation to practice, education, and research.
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.

NURS 5810 - Advanced Practice Nursing Clinical Practicum
Credit(s): 0-5 Credits (Repeatable for credit)
This course is the first of two courses that provides the student with a practicum experience as an advanced practice nurse. The student spends concentrated time practicing in the role of an advanced practice nurse under the supervision of an approved and qualified preceptor. The student assumes increasing independence in assessing, planning, implementing and evaluating health care. This course includes seminar discussions exploring the implementation of the role and functions of the advanced practice nurse.

NURS 5900 - Residency
Credit(s): 0 Credits (Repeatable for credit)
Occurs in the spring semester preceding the final practicum course. The student is required to come to the SLU campus for on-site instruction in skills not amenable to online learning, such as suturing. The purpose of the residency is to evaluate the student’s progress in the program. Depending upon the specialty, the experience is three to five days in length.

NURS 5930 - Special Topics
Credit(s): 3 Credits (Repeatable for credit)

NURS 5950 - Special Study for Exams
Credit(s): 0 Credits (Repeatable for credit)

NURS 5970 - Research Topics
Credit(s): 1-3 Credits

NURS 5980 - Graduate Reading Course
Credit(s): 1-4 Credits (Repeatable for credit)
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.

NURS 5990 - Thesis Research
Credit(s): 1-6 Credits
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.

NURS 6100 - Health Care Policy and the Advanced Practice Nurse
Credit(s): 3 Credits
Provides an overview of health care policy and policy models. Factors impacting policy development and policy making processes are explored. The influence of advanced practice nurses on policy in health care delivery, outcomes and nursing as well as skills to analyze policy processes and politically competent actions are emphasized.
Restrictions:
Enrollment limited to students in the Valentine School of Nursing college.
NURS 6110 - Health Care Delivery Systems  
Credit(s): 3 Credits  
This course focuses on the assessment of the health care delivery system and the organizational theories and behaviors involved in those systems. Systems processes are examined to reduce health disparities and promote patient safety. Trends in health care delivery models will be explored. Innovative health care delivery models will be envisioned.  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.  

NURS 6130 - Interprofessional Collaboration  
Credit(s): 3 Credits  
This course utilizes an interprofessional framework to guide the exploration of complex patient-centered care of individuals, families, communities, and vulnerable populations. Course topics include: the history of interprofessional practice, its philosophic principles, terminology, current research, team competencies, and frameworks of practice.  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.  

NURS 6140 - Leadership in Health Care  
Credit(s): 3 Credits  
This course analyzes leadership theories and spheres of influence of the advanced practice nurse in health care delivery. Change theory and the process of making change at an organizational/system level are examined. The focus is on the assessment and enhancement of leadership skills.  
Prerequisite(s): ((NURS 5240 and NURS 5250), (NURS 5260 and NURS 5270), (NURS 5280 and NURS 5290), (NURS 5320 and NURS 5330), or (NURS 5340 and NURS 5350)); NURS 6110  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.  

NURS 6150 - Clinical Informatics  
Credit(s): 2 Credits  
Explores information literacy and the use of computers in health care. Students learn processes for selection and evaluation of information systems. Patient care technology is studied and used to analyze outcomes and examine patterns. Information systems/decision supports and clinical tools are discussed to support and improve patient care.  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.  

NURS 6160 - Evidence-Based Practice  
Credit(s): 3 Credits  
Developing, evaluating, and applying an evidence-base to address nursing-care issues will be considered. The theoretical basis for research utilization, the contributions of the evidence-based practice movement, and practical instances of their application in nursing will be examined. Barriers to research implementation and strategies to address those barriers will be considered from an individual and an organizational perspective, using both model-based and practical considerations. Opportunities will be provided to develop and evaluate a research utilization plan to address a clinical area of practice.  
Prerequisite(s): NURS 6100, NURS 6130, and NURS 6150  

NURS 6170 - Evidence-Based Practice II  
Credit(s): 3 Credits  
This course builds on student's understanding of scholarly inquiry, research designs, methods, and research translation as best practices in health care. Topics include theoretical underpinnings for translational research design, needs assessment, program planning and evaluation, and application of quantitative and qualitative methods in the study of practice related phenomena. Cultural, political, and ethical issues related to translational research are addressed are consistent with Jesuit values.  
Prerequisite(s): NURS 6160  

NURS 6800 - Theory Development in Nursing  
Credit(s): 3 Credits  
Study of theory development in nursing from historical and philosophical perspectives. Distinguish between various approaches to nursing theory development. Analysis of the process of theory construction, including current approaches to organizing and building nursing knowledge. In-depth study of one selected theory and its related practice and research literature. Discussion of various research topics that support theory development and/or testing.  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.  

NURS 6801 - Research Issues in Health Promotion, Disease Prevention, and Reduction of Health Disparities  
Credit(s): 3 Credits  
Examine existing social/behavioral and health science research on promoting the state of health and risk factors associated with vulnerability to health impairment. Includes research which addresses reduction of health disparities, protection of vulnerable populations from health problems and limitation of disable. Areas of research to which nurse researchers have made a significant contribution are highlighted. Analysis of research addresses conceptual, theoretical, methodological, ethical, and nursing practice issues. Prerequisite: NURS 6800.  
Prerequisite(s): NURS 6800  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.  

NURS 6802 - Measurement of Nursing Variables  
Credit(s): 3 Credits  
Psychometric analysis of selected health-related research instruments and their application to the measurement of nursing variables. Includes the study of measurement theory, quantitative research methods and designs, and instrument construction, modification, and evaluation. Analysis of instruments will include discussion of the impact of cultural, ethnicity, gender, and age variables on the development, evaluation, and modification of new and existing instruments. Prerequisites: NURS 6809 and NURS 6806 Multivariate/Multivariable Statistics in Nursing Research or an equivalent.  
Prerequisite(s): (NURS 6809 and NURS 6806)  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.
NURS 6803 - Nursing Issues and Leadership  
Credit(s): 2 Credits  
This course focuses on the diffusion of innovations by nursing leaders and how historical events have influenced their innovations to shape contemporary nursing. Policy issues related to nursing and health will be analyzed within the context of social norms and leadership theories/strategies. Managed care, as policy/practice, will be analyzed. Prerequisites: NURS 6800, 6809, and 6810.  
Prerequisite(s): NURS 6800; NURS 6809; NURS 6810  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.  

NURS 6804 - Care for Acute and Chronically Ill Populations  
Credit(s): 3 Credits  
Advanced study of evidence based practice related to physiological and behavioral responses to acute and chronic illness. This course focuses on analysis of research to promote effective nursing care of acutely and chronically ill populations. Emphasis on knowledge development to advance nursing as a discipline. Prerequisite: NURS 6800.  
Prerequisite(s): NURS 6800  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.  

NURS 6805 - Applied Univariate Statistics in Nursing Research  
Credit(s): 3 Credits  
This course strengthens students' knowledge of the application and analysis of univariate statistics for generating nursing knowledge. Topics include a review of probability theory, sampling theory and distributions, hypothesis testing, tests of association and independence with emphasis on univariate parametric and nonparametric statistics. Practical application is given to the use of statistical software, graphing data, coding, data management, and conducting nursing research. Pre-requisite: a minimum of an undergraduate statistics course completed within the last five years.  

NURS 6806 - Multivariate/Multivariable Statistics in Nursing Research  
Credit(s): 3 Credits  
This course uses a general linear models approach to data analysis with multivariate/multivariable techniques, including ANOVA/MANOVA methods for repeated measures, multiple regression, logistic regression, factor analysis, and introduction to model fitting techniques. Emphasis is given to interpretive principles of research design, statistical modeling, and analysis methods applied to nursing and clinical research rather than on specific mathematical details. Prerequisites: NURS 6805 or equivalent.  

NURS 6809 - Quantitative Methods in Nursing Research  
Credit(s): 3 Credits  
Examines the selection and use of quantitative methods and approaches in nursing research. This course will focus on nursing research design, analysis, and knowledge generation from a quantitative perspective. Emphasis will be given to writing research proposals, grant applications, and the role of peer review in the research process.  
Prerequisite(s): NURS 5200; NURS 6800  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.  

NURS 6810 - Qualitative Methods in Nursing Research  
Credit(s): 3 Credits  
Examines the philosophical foundations and epistemological perspective of qualitative research; includes study of traditions and methods, scientific and ethical issues, and techniques of data collection, analysis, and interpretation. Emphasis is given to the use of qualitative approaches in theory development and to the nature of the contribution of qualitative studies in expanding nursing knowledge.  
Prerequisite(s): (NURS 6800 and NURS 6813)  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.  

NURS 6812 - Issues in Science Integrity in Nursing and Health  
Credit(s): 1 Credit  
Discusses the historical development of principles of research ethics with particular focus on their evolution in nursing and health research. Considers issues associated with intellectual responsibility for and avoidance of misconduct in individual work. Explores issues of mentoring, intellectual property, and conflict of interest associated with joint work. Augments the consideration of issues associated with research on human subjects with illustrative case studies in nursing.  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.  

NURS 6813 - Knowledge Development in Nursing  
Credit(s): 3 Credits  
This course will examine the development of nursing knowledge from diverse philosophical perspectives and traditions. Different conceptions of truth, knowledge, rationality, personhood, the body, and the moral good will be examined as a foundation for understanding and investigating nursing phenomena.  
Restrictions:  
Enrollment is limited to students with a major in Nursing.  

NURS 6815 - Applied Interpretive Phenomenology  
Credit(s): 3 Credits  
Elective Course. The course is for students who intend to use interpretive methods for their dissertation research. Students will examine primary philosophical sources for describing the methodological implications of interpretive phenomenology for studying human meanings and practices, including professional and lay caregiving. Prerequisite: NURS 6814.  
Prerequisite(s): NURS 6814  

NURS 6816 - Research Issues in Nursing Education  
Credit(s): 3 Credits  
This course presents specific approaches to conducting nursing education research in academic/classroom, clinical, and simulation/skills laboratory settings. Methods of examining learning processes and outcomes from traditional and innovative pedagogies and use of emerging technologies by nurse educators are explored. Emphasis is given to the ethical issues and analytical strategies related to conducting nursing research.  
Prerequisite(s): (NURS 5570, NURS 5580, NURS 6809, NURS 6810, and NURS 6802)
NURS 6817 - Research Synthesis and Meta-Analysis  
Credit(s): 3 Credits  
This course focuses on the conceptual understanding and practical application of quantitative research synthesis. Topics will include writing purpose statements and research questions, developing advanced search strategies, coding primary studies, and analyzing and interpreting data. Students will conduct pilot meta-analyses through the semester.  
Prerequisite(s): NURS 6805, NURS 6809

NURS 6888 - Clinical Practicum for the DNP Nurse Executive Leader  
Credit(s): 1-4 Credits (Repeatable for credit)  
This course is for DNP students enrolled in the Nurse Executive Leadership Program who need clinical practicum hours.  
Restrictions:  
Enrollment limited to students in a Doctor of Nursing Practice degree.

NURS 6930 - Special Topics  
Credit(s): 3 Credits (Repeatable for credit)

NURS 6959 - Special Study for Examinations  
Credit(s): 0 Credits (Repeatable for credit)  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.

NURS 6960 - Doctor of Nursing Practice Project Management  
Credit(s): 1-2 Credits (Repeatable for credit)  
This course is designed to assist the student in refining the Capstone project in regard to the clinical research question, statistical analysis, writing the interpretation and discussion of results. The course is offered as variable credit.

NURS 6961 - Doctor of Nursing Practice Project  
Credit(s): 0-4 Credits (Repeatable for credit)  
This course includes 1 credit hour of seminar and 3 credit hours of clinical. The clinical requirement includes 210 hours of experience culminating in a publishable paper. This clinical experience will provide the student with the opportunity to integrate and synthesize knowledge gained throughout the program. The student's project will focus on a practice change initiative in risk reduction. Examples include: a program evaluation, a quality improvement project, evaluation of a new practice model, a consulting project, or a pilot study.  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.

NURS 6979 - Research Topics  
Credit(s): 1-3 Credits (Repeatable for credit)  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.

NURS 6980 - Graduate Reading Course  
Credit(s): 1-3 Credits (Repeatable for credit)

NURS 6989 - Graduate Reading Course  
Credit(s): 1-3 Credits (Repeatable for credit)  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.

NURS 6999 - Dissertation Research  
Credit(s): 0-6 Credits (Repeatable for credit)  
Restrictions:  
Enrollment limited to students in the Valentine School of Nursing college.

NURS CE - Nursing Continuing Education  
Credit(s): 0-999 Credits (Repeatable for credit)