MASTER'S ENTRY PROGRAM IN NURSING (FOR NON-NURSES)

The Master’s Entry Program in Nursing (MEPN) is intended for individuals with a baccalaureate degree or higher in another discipline. The program is designed for the person seeking a new career in nursing.

Students enroll annually in this 5 term (21 month) program. The MEPN program is demanding, as it provides students with a general foundation in nursing as well as master’s level courses that provide the skills necessary to serve in leadership positions. Upon successful completion of the program, students receive a Master of Science in Nursing (MSN) as a Clinical Nurse Leader (CNL) and are prepared as Advanced Nurse Generalists.

Graduates are eligible to take the National Council Licensure Examination (NCLEX) for registered nursing (RN) licensure. Graduates are also eligible to take the American Association of Colleges of Nursing (AACN) Clinical Nurse Leader (CNL) certificate exam upon completion of required clinical practice requirements.

Clinical teaching sites will be located at major medical centers throughout San Diego County, affording broad exposure to excellent centers of patient care.

Degree Requirements

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>MEPN Core</td>
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<tr>
<td>APNC 520</td>
<td>Advanced Pathophysiology</td>
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<td>Advanced Pharmacology</td>
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<td>HCIN 540</td>
<td>Introduction to Health Care Information Management</td>
<td>3</td>
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<tr>
<td>MEPN 521</td>
<td>Health Assessment</td>
<td>2</td>
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<tr>
<td>MEPN 521L</td>
<td>Health Assessment Lab</td>
<td>1</td>
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<tr>
<td>MEPN 533</td>
<td>Conceptual Basis of Professional Nursing Practice</td>
<td>2</td>
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<tr>
<td>MEPN 534</td>
<td>Fundamentals of Nursing</td>
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<tr>
<td>MEPN 534L</td>
<td>Fundamentals in Nursing Lab</td>
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<tr>
<td>MEPN 534P</td>
<td>Fundamentals of Nursing Practicum</td>
<td>1</td>
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<tr>
<td>MEPN 535</td>
<td>Introduction to Pharmacology in Nursing Practice</td>
<td>2</td>
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<tr>
<td>MEPN 547</td>
<td>Care of Populations</td>
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<tr>
<td>MEPN 547P</td>
<td>Care of Populations Practicum</td>
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<tr>
<td>MEPN 555</td>
<td>Nursing Practice with Adult and Older Adult Patients</td>
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<td>MEPN 555L</td>
<td>Nurse Prac w/Adult lab</td>
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<td>Nursing Practice with Psych-Mental Health Clients</td>
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<td>MEPN 557P</td>
<td>Nursing Practice with Psychiatric-Mental Health Clients</td>
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<tr>
<td>MEPN 558</td>
<td>Nursing Practice with Mothers and Infants</td>
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<tr>
<td>MEPN 558P</td>
<td>Nursing Practice with Mothers and Infants Practicum</td>
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<tr>
<td>MEPN 559</td>
<td>Nursing Practice with Children with Acute and Chronic Health Problems</td>
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<td>Nursing Practice with Children with Acute and Chronic Health Problems Practicum</td>
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<td>MEPN 560</td>
<td>Advanced Generalist Nursing Internship</td>
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<td>MEPN 560P</td>
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<tr>
<td>MSNC 503</td>
<td>Nursing Practice with Diverse Families in Communities</td>
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<tr>
<td>MSNC 511</td>
<td>Evidence Based Practice: Role of Theory and Research</td>
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<tr>
<td>MSNC 512</td>
<td>Influencing the Health Care Environment: Policy and Systems</td>
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<tr>
<td>MSNC 518</td>
<td>Physical Assessment and Diagnosis for RNs</td>
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<td>Physical Assessment and Diagnosis for RNs lab</td>
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<tr>
<td>MSNC 534</td>
<td>Clinical Nurse Leadership: Theory and Leadership</td>
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<tr>
<td>MSNC 534P</td>
<td>Clinical Nurse Leader Practicum II</td>
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<tr>
<td>MSNE 546</td>
<td>Care of the Family Field Experience</td>
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Note: MEPN 598-Nursing Externship is an optional course requiring an additional 120 clinical hours, requiring a separate application to the hospital setting.

Total Units 71

First Year

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MEPN 559  Nursing Practice with Children with Acute and Chronic Health Problems
MEPN 559P  Nursing Practice with Children with Acute and Chronic Health Problems Practicum

Semester IV
HCIN 540  Introduction to Health Care Information Management
MEPN 547  Care of Populations
MEPN 547P  Care of Populations Practicum
MSNC 534  Clinical Nurse Leadership: Theory and Leadership
MSNC 512  Influencing the Health Care Environment: Policy and Systems

Semester V
APNC 520  Advanced Pathophysiology
APNC 524  Advanced Pharmacology
MSNC 518  Physical Assessment and Diagnosis for RNs
MSNC 518L  Physical Assessment and Diagnosis for RNs lab
MEPN 560  Advanced Generalist Nursing Internship
MEPN 560P  Advanced Generalist Nursing Internship Practicum

Courses
APNC 520 | ADVANCED PATHOPHYSIOLOGY
Units: 3-4  Repeatability: No
Focuses on pathophysiological processes across the lifespan and the development of clinical reasoning skills required in advanced practice nursing. Distinguishes between normal physiology and specific system alterations produced by injury and disease. Explores etiology, pathogenesis, developmental and environmental influences, and clinical manifestations of major health problems. Note: Successful completion of the course with a letter grade of B- or higher is necessary to pass the course. A minimum 80% examination average must be achieved in order to successfully complete the course.

APNC 521 | APRN PHYSICAL ASSESSMENT AND DIAGNOSIS
Units: 3-4  Repeatability: No
Prerequisites: APNC 520 (Can be taken Concurrently)
Explores theoretical and clinical practice principles of advanced physical assessment and diagnosis across the lifespan. Utilizes various methods of comprehensive evidence-based data gathering, analysis, and documentation including history taking, physical examination, screening for common diseases, diagnostic procedures, and differential diagnoses. Differentiates abnormalities from common normal variations characteristic of various developmental, cultural, and ethnic groups. Laboratory-based practicum experiences provide the opportunity for the integration of theory with APRN role responsibilities specific to physical assessment and diagnosis. Note: Successful completion of the course with a letter grade of B- or higher is necessary to pass the course. A minimum 80% examination average must be achieved in order to successfully complete the course.

APNC 521L | HEALTH ASSESSMENT AND DIAGNOSIS LAB
Units: 1  Repeatability: No
Core Attributes: Lab
Explores theoretical and clinical practice principles of advanced physical assessment and diagnosis across the lifespan. Utilizes various methods of comprehensive evidence-based data gathering, analysis, and documentation including history taking, physical examination, screening for common diseases, diagnostic procedures, and differential diagnoses. Differentiates abnormalities from common normal variations characteristic of various developmental, cultural, and ethnic groups. Laboratory-based practicum experiences provide the opportunity for the integration of theory with APRN role responsibilities specific to physical assessment and diagnosis. Note: Successful completion of the course with a letter grade of B- or higher is necessary to pass the course.

APNC 523 | PHARMACOLOGY IN HEALTH MANAGEMENT
Units: 3  Repeatability: No
Prerequisites: APNC 520
Provides an evidence-based knowledge of pharmacotherapeutics for patients across the lifespan including special populations. Develops a foundation for decision-making necessary for initiating, monitoring, and modifying pharmacological treatment plans. Note: Successful completion of the course with a letter grade of B- or higher is necessary to pass the course. A minimum 80% examination average must be achieved in order to successfully complete the course.

APNC 524 | ADVANCED PHARMACOLOGY
Units: 3
Prerequisites: MEPN 535
Provides the knowledge and skills needed to assess, manage, and recommend treatment plans, utilizing broad categories of pharmacologic agents, for common and complex health problems in a safe, high quality and cost effective manner. Pharmacotherapeutics, pharmacodynamics, pharmacokinetics and pharmacogenomic skills will be developed utilizing case scenarios with an emphasis on direct application to clinical nursing practice.

HCIN 501 | HCI NEW STUDENT ORIENTATION
Units: 0  Repeatability: Yes (Can be repeated for Credit)
Master orientation course. Online HCI students only.

HCIN 540 | INTRODUCTION TO HEALTH CARE INFORMATION MANAGEMENT
Units: 3  Repeatability: No
Provides students with necessary skills to understand the basis for health care informatics. Emphasizes basic understanding of computer hardware, network architecture, clinical application of electronic health records, and health care software applications. Includes relevant regulatory, patient privacy, security and reimbursement issues. Examines current trends in meaningful use and electronic health record (EHR) certification as a foundation for understanding emerging issues in health care informatics.

HCIN 541 | INTRODUCTION TO HEALTH CARE DELIVERY SYSTEMS
Units: 3  Repeatability: No
Provides an overview of the health care delivery system, professional roles, care delivery models, and relevant regulatory environment in the United States. Overviews common chronic and acute disease states that drive the U.S. health care system to provide the student with context for care delivery models. Intended for non-clinician students or individuals who lack significant professional health.
HCIN 542 | SYSTEMS ANALYSIS AND DESIGN FOR HEALTH CARE INFORMATICS
Units: 3
Repeatability: No
Prerequisites: HCIN 540 (Can be taken Concurrently) and HCIN 541 (Can be taken Concurrently)
Prepares students in the planning, analysis, design, and implementation of computer-based information and technology systems. Includes systems development life cycle, project management skills, requirement analysis and specification, feasibility and cost-benefit analysis, logical and physical design, prototyping, system validation, deployment, human factors, and post-implementation review.

HCIN 543 | DATABASE DESIGN AND KNOWLEDGE MANAGEMENT
Units: 3
Repeatability: No
Prerequisites: HCIN 540 and HCIN 541
Provides opportunities to gain advanced skills in data and knowledge management. Addresses applied skills in database design, data structure, modeling, and development of database management systems to resolve problems in health care informatics and research settings. Also focuses on development of fundamental skills in knowledge management and knowledge engineering as applied to the health care environment. Provides an overview of national health care databases such as National Database of Nursing Quality Indicators (NDNQI) and Centers for Medicare and Medical Services (CMS) Core measures and data mining techniques. Promotes skills in accessing clinical databases to resolve selected clinical problems.

HCIN 544 | ADVANCED HEALTH CARE INFORMATION MANAGEMENT
Units: 3
Repeatability: No
Prerequisites: HCIN 540 and HCIN 541 and HCIN 542 and HCIN 543 (Can be taken Concurrently) and HCIN 545 (Can be taken Concurrently)
Provides information and skills necessary for leadership in informatics roles in health care systems. Emphasizes design, implementation, and evaluation of electronic health record systems and clinical decision support systems. Also addresses regulatory, reimbursement, ethical issues, and emerging technology in health care informatics.

HCIN 545 | RESIDENCY IN HEALTH CARE INFORMATICS CAPSTONE
Units: 3
Repeatability: Yes (Can be repeated for Credit)
Prerequisites: HCIN 540 and HCIN 542 and HCIN 543 and HCIN 544
Provides an integrative field experience to synthesize and apply knowledge attained in the HCIN core courses. Includes related practices and seminar experiences that foster achievement of career goals related to health care informatics.

HCIN 546 | CAPSTONE
Units: 1
Repeatability: No
This is the final course in the online Health Care Informatics program sequence and is given during the final 14-week semester of the degree program. The purpose of this course is to thread program concepts, skills, and knowledge developed throughout the program into a culminating capstone experience.

HCIN 547 | HEALTH CARE ANALYTICS
Units: 3
Repeatability: No
Prerequisites: HCIN 541 and HCIN 542 and HCIN 543 and HCIN 549 and HCIN 552
Prepares students to apply various types of clinical data to solve complex clinical questions based on prior knowledge achieved in the Health Care Informatics program. Students apply an evidence-based practice approach to solve various clinical questions using a variety of clinical data sets including population level data. Course focus includes how data can be leveraged to solve specific clinical questions, the development of Clinical Decision support rules, and Precision Medicine applications. Students will develop data analytics skills by utilizing real-world use cases found in the clinical setting.

HCIN 548 | HEALTH CARE INFORMATICS SEMINAR
Units: 2
Repeatability: Yes (Can be repeated for Credit)
The HCI seminar course provides the student with the opportunity to work collaboratively with faculty and student colleagues to address concepts and ideas emerging in the field of Health Care Informatics. Each seminar focuses on various aspects of the Clinical Informaticist Health Care Data Analyst and Health Care Informatics Leader role. Throughout the seminar course, students will use various methods to analyze emerging trends in health care and informatics. Seminar students will generate self-reflective and field-relevant capstone projects. Students will fulfill program competencies through individual projects.

HCIN 549 | BIOSTATISTICS
Units: 3
Repeatability: No
The HCI seminar course provides the student with the opportunity to work collaboratively with faculty and student colleagues to address concepts and ideas emerging in the field of Health Care Informatics. Each seminar focuses on various aspects of the Clinical Informaticist Health Care Data Analyst and Health Care Informatics Leader role. Throughout the seminar course, students will use various methods to analyze emerging trends in health care and informatics. Seminar students will generate self-reflective and field-relevant capstone projects. Students will fulfill program competencies through individual projects.

HCIN 550 | HEALTH CARE SIX SIGMA, GREEN BELT
Units: 3
Prerequisites: HCIN 540 and HCIN 542 and HCIN 543 and HCIN 544
Provides an overview of Six Sigma methodologies and tools, and techniques to improve processes within a health care organization. Enables students to apply the Six Sigma model to improve such systems as: patient throughput, clinical diagnostics, and care delivery redesign. Defines tools and techniques of Six Sigma in order to successfully develop, launch, and transition a project through each phase terminating with an evaluation phase.

HCIN 551 | INTRODUCTION TO GEOHEALTH
Units: 3
Enhances the student’s familiarity and builds competence in using geographic information systems (GIS) applied to health surveillance and research. Provides the student interactive experiences to map clinic data and to conduct geographic modeling decisions. Incorporates an active learning environment to provide students an opportunity to develop a practical understanding of GIS software.

HCIN 552 | CLINICAL DOCUMENTATION: ELECTRONIC MEDICAL RECORD SYSTEMS
Units: 3
Repeatability: No
Clinical documentation: Electronic systems explore hardware/software development requirements for EMRs and application of EMR data for: quality, risk assessment, billing, and research applications. Includes overview of clinical devices that assist in medication administration such as BCMA (Bar Code Medication Administration). Applies problem-based learning to the development of clinical rules and alert systems for both Clinical Decision Support (CDS) and CPOE (computerized Physician Order entry) systems. Course emphasizes regulatory requirements for electronic medical records to include: HIPPA, Meaningful Use Requirements, security applications, and federal breach reporting.

HCIN 553 | CLINICAL DOCUMENTATION SYSTEMS: SPECIALIST ROLE
Units: 3
Provide a basic understanding of the electronic medical record and how digital billing systems are evolving to meet the clinical documentation needs of health care organizations. Fosters skills in applying diagnostic coding standards to meet quality, regulatory and billing requirements, including: code book formats; coding techniques; formats of the ICD, DRG, and CPT manuals; health insurance; billing, reimbursement, and collections. Course examines federal regulations covering billing and patient privacy (HIPPA).
HCIN 554 | TELEHEALTH & EMERGING TECH
Units: 3  Repeatability: No
Provides an introduction to the emerging discipline of telehealth. Provides a historical perspective of remote monitoring of patients using various types of telehealth, including video conferencing, telephonic, and home based sensors. Includes an overview of relevant hardware and software requirements for a telehealth program. Includes federal and state regulations covering telehealth practice and reimbursement models by Medicare, Medicaid and other insurers. Includes consumer grade health monitoring devices and emerging health care technology.

HCIN 555 | HEALTH CARE SIX SIGMA, BLACK BELT
Units: 3  Repeatability: No
Prerequisites: HCIN 550
This is the second course in the Health Care Six Sigma Course Series. Builds upon skills and knowledge acquired during the Six Sigma Green Belt course. Develops team leadership knowledge and applied skills using the quality and performance improvement methodology, “DMAIC” model (Define, Measure, Analyze, Improve, and Control) applied to an actual health care project.

HCIN 556 | HEALTH CARE LEADERSHIP, VALUES AND SOCIAL JUSTICE
Units: 3  Repeatability: No
This course develops knowledge and hones skills concerning the management of people in healthcare organizations. It examines issues critical to being an effective leader with an emphasis on practical application. These issues include: leadership, motivation, effective team functioning, power and influence, corporate ethics, principles of social and health care justice, building and enabling high quality relationships and organizational structure. Students will improve abilities to diagnose, analyze, and take effective action as leaders in the healthcare arena.

HCIN 557 | FINANCIAL MANAGEMENT IN HEALTH CARE SYSTEMS
Units: 3  Repeatability: No
Provides a forum for the exploration and evaluation of the financial environment of the health care industry and how it specifically affects the role of the health care leader. Emphasizes the development of financial analysis skills that provides a foundation for application within the health care delivery system.

HCIN 558 | STRATEGIC PLANNING AND MANAGEMENT OF HEALTH SYSTEMS
Units: 3  Repeatability: No
This course emphasizes strategic planning and management as requisite to growth and survival of health systems. It also acquaints students with the language, processes, tools and techniques of strategic planning and change management that will enable them to contribute effectively to strategic thinking and action in health systems.

HCIN 559 | MANAGEMENT OF HEALTH CARE SYSTEM QUALITY OUTCOMES AND PATIENT SAFETY
Units: 3  Repeatability: No
Focuses on the evaluation of patient safety and quality of care outcomes from a systems perspective. Explores theoretical and methodological foundations for understanding and applying patient safety and quality of care outcomes within the current health care environment. Reviews safety applications in other high-risk industries with application to nursing and the healthcare industry. Emphasizes identification, implementation, and evaluation of quality indicators for patient safety and other patient outcomes. Evaluates patient safety and quality indicators for their sensitivity and specificity to clinical care. Addresses the role of leadership in error prevention and maintenance of a culture of patient safety.

HCIN 560 | INTRODUCTION TO HEALTHCARE SIMULATION
Units: 3  Repeatability: No
Provides an overview of the fundamentals and exploration of health care simulation concepts. Innovative teaching strategies and technology are presented including opportunities to gain “hands-on” experience using multiple simulation methods such as task trainers, hi and lo-fidelity mannequins, and standardized patients within active learning scenarios. Emphasizes basic understanding of entire continuum of planning, executing, and debriefing a successful simulation incorporating creation of cases, resource planning, event management, development of competency checklists, and facilitation of reflective learning.

HCIN 600 | POPULATION HEALTH ANALYTICS
Units: 2  Repeatability: No
Prerequisites: HCIN 540 and HCIN 542 (Can be taken Concurrently) and HCIN 543 (Can be taken Concurrently) and HCIN 549 and HCIN 552
This course explores methods for measuring and analyzing the burden of disease in populations. Students will apply various data sets including disease registries, electronic health records, claims data, and socio-economic data; to measure, trend, and analyze, the impact of disease on various populations.

HCIN 605 | DATA STRUCTURES AND TERMINOLOGIES
Units: 2  Repeatability: No
This course provides the Health Care Analytics, Data Science, Doctoral Nursing and Informatics student a review of health care standards, terminologies, and quality outcome measure data. Students will examine how these are applied to document, measure, evaluate, and reimburse health care in the United States. This includes standards and terminologies common to Electronic Health records to include the following: The International Classification of Diseases (ICD), Current Procedural Terminology (CPT) code sets, Health Level Seven (HL7) Reference Information Model, Systematized Nomenclature of Medicine (SNOMED), Logical Observation Identifiers, Names, and Codes (LOINC), and RadLex, Standards, terminologies, and outcome measures unique to medicine, Nursing, Allied Health Professionals and Health Care delivery organizations (such as hospitals, clinics, and medical provider practices) is included.

HCIN 610 | ADVANCED LEADERSHIP AND HEALTH SYSTEMS MANAGEMENT
Units: 3  Repeatability: No
This course explores theoretical and applied principles of leadership in complex health care delivery systems. Students will explore health care organizations to determine how leadership, technology, and system complexity affects care delivery. Students will examine how learning health care systems management differs from traditional systems management and the benefits they offer to complex delivery systems.

HCIN 611 | HEALTH CARE ECONOMICS
Units: 3  Repeatability: No
This course analyzes the Health Care industry and public health systems in the United States. Students will evaluate the impact of both private and public sectors of the health care industry and the impact of competing goals of: broad access, high quality, and affordability. This course will also examine the way consumers and providers affect the availability and quality of health care. Additional course topics include: supply and demand modeling; cost-benefit analysis; reimbursement models including pay for performance; global drivers on the US healthcare industry and implications of policy, regulatory and political philosophy regarding care.
HCIN 615 | ADVANCED HEALTH CARE ANALYSIS
Units: 3 Repeatability: No
Prerequisites: HCIN 540 and HCIN 542 (Can be taken Concurrently) and HCIN 543 (Can be taken Concurrently) and HCIN 547 and HCIN 549 and HCIN 552 and HCIN 600
This course will explore methods and tools to address a variety of health care issues by leveraging data to design, solve, and test a data-driven hypothesis. This course will explore the application of quantitative and qualitative data to evaluate programs and research studies. Students will also examine data stewardship and data governance roles in organizations that employ enterprise data warehouses (EDW). Data security and privacy are examined from the health care data analyst role. Additional course topics include emerging trends in health care, data science, and bioinformatics.

HCIN 620 | MACHINE LEARNING APPLICATIONS FOR HEALTH CARE
Units: 3 Repeatability: No
Prerequisites: HCIN 540 and HCIN 541 and HCIN 542 (Can be taken Concurrently) and HCIN 543 (Can be taken Concurrently) and HCIN 547 and HCIN 549 and HCIN 615
This course will explore the application of machine learning (ML) to the health care setting. ML is a field of computer science that trains computers to recognize patterns in complex data sets and formulate predictions based upon designed algorithms. ML can be used to predict hospital readmission, identify patients who may develop hospital-acquired infections, and support diagnostic reasoning for clinicians. The course will explore various ML methods to design algorithms for solving common clinical problems. In addition, students will gain a basic understanding of how ML methods can learn from data to find underlying patterns useful for prediction, classification, clustering, and exploratory data analysis.

HCIN 625 | DIGITAL HEALTH CARE MARKETING
Units: 3 Repeatability: No
Prerequisites: HCIN 540 and HCIN 541
This course will explore marketing principles and methods utilized in the health care industry from the perspective of a health care leader. Students will learn how to assess market needs for health care organizations and service lines. Course will include case studies to understand ethical, regulatory, and liability issues in health care marketing. Additional course topics include web-based advertising, management of marketing staff, and website design.

HCIN 630 | HEALTH CARE LAW AND RISK MANAGEMENT
Units: 3 Repeatability: No
This course explores laws encountered by health care managers and strategies to reduce liability to health care organizations. Case studies will assist the Student to examine legal and ethical issues encountered when managing health care delivery systems. This course will examine laws and regulations that govern the relationships between health care providers and entities, the management of employees and medical staff who deliver patient care, labor relations, the management of information, patient rights and responsibilities, and tort law. Students will research an area of health care liability and develop a plan to mitigate risk in the health care setting.

HCIN U540 | INTRODUCTION TO HEALTH CARE INFORMATION MANAGEMENT
Units: 3
Provides students with necessary skills to understand the basis for health care informatics. Emphasizes basic understanding of computer hardware, network architecture, clinical application of electronic health records, and health care software applications. Includes relevant regulatory, patient privacy, security and reimbursement issues. Examines current trends in meaningful use and electronic health record (EHR) certification as a foundation for understanding emerging issues in health care informatics.

MEPN 521 | HEALTH ASSESSMENT
Units: 2 Repeatability: No
Corequisites: MEPN 521L
Focuses on holistic and focused assessments of the health state of the adult patient within the community and hospital setting. Emphasizes development of culturally appropriate physical assessment skills and the ability to recognize deviations from normal. Includes both lecture and skills laboratory components.

MEPN 521L | HEALTH ASSESSMENT LAB
Units: 1 Repeatability: No
Core Attributes: Lab
Corequisites: MEPN 521
This is the lab component for Health Assessment MEPN 521 and must be taken concurrently.

MEPN 533 | CONCEPTUAL BASIS OF PROFESSIONAL NURSING PRACTICE
Units: 3
Introduces basic nursing care concepts and skills necessary to work with the adult and older adult hospitalized patient with acute and chronic health problems. Introduces students to the normal and aberrant variations in physiological and pathophysiological health states of adults and older adults with or at risk for altered status in hygiene, mobility, nutrition, skin integrity and bowel and bladder elimination. Successful completion of both the theory and clinical components of the course with a letter grade of B- or higher is necessary to pass the course.

MEPN 534 | FUNDAMENTALS OF NURSING
Units: 3
Provides an overview of the pharmacological concepts of pharmacotherapeutics, pharmacodynamics, pharmacokinetics, contraindications and precautions, adverse effects and drug interactions. The pharmacological concepts of each prototype drug from the following classifications will be included: neurological; cardiovascular; respiratory; gastrointestinal; genitourinary; endocrine and immune; anti-microbial; and antineoplastic. Emphasis will be placed on nursing management that minimizes risks and adverse effects and maximizes the therapeutic effects for patients receiving these medications.

MEPN 547 | CARE OF POPULATIONS
Units: 4
Focuses on the health of the community and subgroups within the community. Applies nursing and public health concepts to promoting and restoring the health of population groups. Addresses nursing involvement in the legislative and regulatory processes as they affect health status and health care delivery. Examines selected community health problems and their implications for community health nursing practice.

MEPN 547P | CARE OF POPULATIONS PRACTICUM
Units: 3

MEPN 555 | NURSING PRACTICE WITH ADULT AND OLDER ADULT PATIENTS WITH ACUTE AND CHRONIC HEALTH PROBLEMS I

**Units:** 5

Expands basic nursing care concepts and skills necessary for students to work with the acute and chronic health problems of adult and older adult patients specific to alterations in oxygenation, fluid/electrolyte status, cardiovascular and endocrine systems. Emphasis is on understanding and assessing the pathophysiological alterations, risks for complications and sequelae and the interventions necessary to stabilize, restore and promote health. Students will identify essential teaching and health restorative measures in the context of planning, implementing and evaluating nursing care for the patient and family. Successful completion of both the theory and clinical components of the course with a letter grade of B- or higher is required to pass the course.

MEPN 555P | NURSING PRACTICE WITH ADULTS AND OLDER ADULT PATIENTS WITH ACUTE AND CHRONIC HEALTH PROB I PRACTICUM

**Units:** 3  
**Repeatability:** No  
**Corequisites:** MEPN 555

This is the practicum portion of Medical/Surgical I.

MEPN 556 | NURSING PRACTICE WITH ADULT AND OLDER ADULT PATIENTS WITH ACUTE AND CHRONIC HEALTH PROBLEMS II

**Units:** 6

Requires students to apply the nursing process for selected acute and chronic health conditions in adults and older clients. It further develops the generalist nurse’s role in the care of adult and older adult patients with pathophysiological disruptions across systems. Emphasis is placed on new content such as pathophysiological alterations in the neurological, musculoskeletal and respiratory systems; and long-term care elements specific to cancer, hospice and rehabilitation. Assists students to refine their knowledge and skills to assess, diagnose, plan, implement and evaluate care related to patient needs, to restore health and prevent complications. Successful completion of both the theory and clinical components of the course with a letter grade of B- or higher as necessary to pass the course.

MEPN 556P | NURSING PRACTICE WITH ADULT AND OLDER ADULT PATIENTS WITH ACUTE AND CHRONIC HEALTH PROBLEMS II PRACTICUM

**Units:** 0

MEPN 557 | NURSING PRACTICE WITH PSYCH-MENTAL HEALTH CLIENTS

**Units:** 4

Provides a general overview of clients with mental health problems. Focuses on conceptual models of psychiatric nursing management and treatment modalities. Concepts related to neuropathology, polypharmacy and psychopharmacology and their effect on the mental health of patients are introduced. Specific contexts of psychiatric nursing care are addressed. The goals of the therapeutic nurse-client relationship are also explored. Successful completion of both the theory and clinical components of the course with a letter grade of B- or higher as necessary to pass the course.

MEPN 557P | NURSING PRACTICE WITH PSYCHIATRIC-MENTAL HEALTH CLIENTS PRACTICUM

**Units:** 2  
**Repeatability:** No  
**Corequisites:** MEPN 557

This course provides a general overview of clients experiencing mental health problems in the acute care setting. This course focuses on conceptual models of psychiatric nursing management and treatment modalities. Concepts related to neuropathology, polypharmacy and psychopharmacology, and their effect on the mental health of patients are introduced. Specific contexts of psychiatric nursing care are addressed. The dimensions and goals of the therapeutic nurse-client relationship are also explored. Successful completion of both the theory and clinical components of the course with a letter grade of B- or higher are necessary to pass the course.

MEPN 558 | NURSING PRACTICE WITH MOTHERS AND INFANTS

**Units:** 4

Provides a general overview of family, prenatal, antenatal and post-natal health in addressing the health care needs of the childbearing family with a focus on health promotion, risk reduction and disease prevention. Emphasizes primary care as the major dimension of health care; however, students are expected to address secondary and tertiary prevention needs as appropriate. Focuses on family care and education for health. Successful completion of both the theory and clinical components of the course with a letter grade of B- or higher as necessary to pass the course.

MEPN 558P | NURSING PRACTICE WITH MOTHERS AND INFANTS PRACTICUM

**Units:** 2  
**Repeatability:** No  
**Corequisites:** MEPN 558

This is the practicum (hospital) portion of Obstetrics course.

MEPN 559 | NURSING PRACTICE WITH CHILDREN WITH ACUTE AND CHRONIC HEALTH PROBLEMS

**Units:** 4

Provides a general overview of the health care needs of children and adolescents with a focus on health promotion, risk reduction and disease prevention. Pathophysiological disruptions in health across all systems, the unique presentation of these alterations and the acute and chronic health problems specific to this population are presented. Identifying genetic, environmental, developmental and lifestyle behaviors contributing to acute and chronic health problems are discussed. Focuses on family care and appropriate education for health and optimizing growth and development. Successful completion of both the theory and clinical components of the course with a letter grade of B- or higher as necessary to pass the course.

MEPN 559P | NURSING PRACTICE WITH CHILDREN WITH ACUTE AND CHRONIC HEALTH PROBLEMS PRACTICUM

**Units:** 2  
**Repeatability:** No  
**Corequisites:** MEPN 559

This is the practicum portion (hospital) of the Pediatrics course.

MEPN 560 | ADVANCED GENERALIST NURSING INTERNSHIP

**Units:** 5

Focuses on integration of learning from all other courses to develop and execute the advanced generalist nursing role when providing holistic care to patients with complex or critical care level health problems and their families in such clinical specialty areas as pediatrics, high risk OB, crisis psych-mental health and adult medical-surgical units. Emphasizes care of complex patients, identifying rapid response clinical situations by differentiating emergent, urgent and non-emergent clinical states, developing, implementing and evaluating evidenced-based nursing interventions to assist in a patient’s participation in their recovery, prevention of complications and sequelae, reduction of risks and management/stabilization of acute and chronic conditions. Successful completion of both the theory and clinical components of the course with a letter grade of B- or higher is necessary to pass the course.
MEPN 560P | ADVANCED GENERALIST NURSING INTERNSHIP PRACTICUM
Units: 4 Repeatability: No
Corequisites: MEPN 560
Focuses on integration of learning from all other courses to develop and execute the advanced generalist nursing role when providing holistic care to patients with complex or critical care level health problems and their families. Emphasizes care of complex patients, identifying rapid response clinical situations by differentiating emergent, urgent, and non-emergent clinical states; developing, implementing, and evaluating evidence-based nursing interventions to assist in a patient’s participation in their recovery, prevention of complications and sequelae, reduction of risks, and management/stabilization of acute and chronic conditions. Successful completion of both the theory and clinical components of the course with a letter grade of B- or higher is necessary to pass the course.

MEPN 598 | NURSING EXTERNSHIP
Units: 1 Repeatability: No
Applies nursing theory, process and clinical skills in an RN-precepted position within a health care agency. The agency and USD have a clinical agreement allowing students to work with geriatric, adult and/or pediatric patients and families. The purpose of this experience is to enable students to become more proficient in patient care activities while at the same time providing a needed community service. Students apply previously acquired nursing theory and skills in assigned patient care; no new nursing skills will be taught in this externship experience. Seminars are held by the School of Nursing Faculty to assess clinical progress of students and discuss clinical experiences, issues, and application of theory.

MSNC 503 | NURSING PRACTICE WITH DIVERSE FAMILIES IN COMMUNITIES
Units: 2
Corequisites: MSNE 546
Examines philosophical, theoretical, and conceptual bases for care of diverse families and groups in community settings. Analysis of community perspectives provides a foundation for general and advanced practice and research with families across the lifespan. The national health objectives provide a framework for family and community health promotion and risk reduction. Issues that affect family, aggregate, and community health and wellness are examined using an ecological perspective that includes social, political, cultural, and economic aspects of the environment. Addresses intervention strategies with families to achieve desired health outcomes in their community.

MSNC 507 | STATISTICS
Units: 3 Repeatability: No
Provides students with necessary skills to perform statistical analysis of data in order to present information in a meaningful way. Emphasizes basic understanding of probability concepts, common probability distributions, and inferential statistical methods. Includes identification of data requirements and statistical method to answer specific research questions. Incorporates SPSS statistical software as well as statistical calculations. Explores methods to display data and findings. Assists students to interpret SPSS output, and effectively present findings. Also focuses on critical review of scientific manuscripts and interpretation of findings.

MSNC 511 | EVIDENCE BASED PRACTICE: ROLE OF THEORY AND RESEARCH
Units: 3 Repeatability: No
Focuses on the critical links between nursing theory, research and evidence based practice. Examines the theoretical foundations of nursing science including how theory has influenced the history and current practice of nursing. Emphasizes the importance of research for building an evidence base for nursing practice. Reviews the components of evidence-based practice, with emphasis placed on knowledgeable appraisal of theory and research to evaluate the evidence base for clinical practice.

MSNC 512 | INFLUENCING THE HEALTH CARE ENVIRONMENT: POLICY AND SYSTEMS
Units: 3
Provides an understanding of nursing’s leadership role in the analysis and evaluation of policy, organization, and financing of health care. Focuses on the organization of health care systems, the political and economic forces that influence health care delivery, and the formulation of policies affecting health care.

MSNC 518 | PHYSICAL ASSESSMENT AND DIAGNOSIS FOR RNS
Units: 4
Prerequisites: APNC 520
Corequisites: MSNC 518L
Focuses on theoretical and clinical skill development in physical assessment and diagnosis, across the life span. Designed to prepare the advanced generalist registered nurses with the knowledge and skills to make appropriate focused assessments and draw accurate conclusions about physiological/psychosocial instability/complications/sequelae of disease processes and/or therapeutic interventions.

MSNC 518L | PHYSICAL ASSESSMENT AND DIAGNOSIS FOR RNS LAB
Units: 0
Corequisites: MSNC 518

MSNC 534 | CLINICAL NURSE LEADERSHIP
Units: 6
Explores and integrates concepts of leadership that are central to the practice of the clinical nurse leader (CNL) including: horizontal leadership, effective use of self, reflective practice, advocacy, lateral integration of care, change theory, and role analysis and implementation. Oversees patient care provided by staff, in collaboration with RN preceptor or mentor, to improve patient outcomes. Serves as a role model for staff in anticipating risks and providing comprehensive care to individuals and clinical cohorts. Reviews and modifies, if necessary, standards of care for specific patient populations. Designs and proposes an implementation and evaluation plan for an evidence-based project designed to effect change in patient/ staff outcomes.

MSNC 534P | CLINICAL NURSE LEADER PRACTICUM II

MSNC 599 | INDEPENDENT STUDY
Units: 6