NURS 110. Independent Study
1 Credit (1)
This Freshman seminar provides an introduction to the university and its resources, an orientation to the pre-nursing curriculum, and overview of concepts for professional nursing practice. Emphasis is placed on exploring the nurse's role as an integral member of the healthcare team across multiple contexts and settings, and developing a professional identity. Consent of Instructor required.

NURS 120. Introduction to Pharmacology
3 Credits (3)
General principles of pharmacology including methods of administration, effect on the body, interactions with other drugs, and classification of drugs. Focus on the health care provider's role in safe pharmacologic intervention. May be repeated up to 3 credits. Crosslisted with: HIT 120. Restricted to Community Colleges campuses only.

NURS 130. Foundations of Pharmacology
3 Credits (3)
This course provides the nursing student with an introduction to the foundations of pharmacology including: science of drug action, principles of medication administration, accurate calculation of drug doses, medication therapy across the lifespan, application of medications to treat health alterations, normal and adverse responses by the client to medication therapy, medication safety, medication regulation, national patient safety goals, and appropriate nursing interventions to achieve the desired goals of medication therapy. Only students who have been admitted to the nursing program may enroll in this course. Students must be admitted into the Nursing Program to enroll in this course. Restricted to: Community Colleges only.

Corequisite(s): NURS 147 & NURS 149. Restricted to: NUR majors.

NURS 134. Foundation of Nursing Skills and Assessment
3 Credits (1+6P)
This course provides nursing students with introductory nursing knowledge related to performance of nursing skills and assessment including: techniques of fundamental nursing care, basic and intermediate nursing skills, and foundational physical assessment techniques associated with care across the lifespan. Open to students who have been accepted into the nursing program. Students must be admitted into the Nursing Program to enroll in this course. Restricted to: NUR majors. Restricted to: Community Colleges only.

Corequisite(s): NURS 136 & NURS 137 or permission of the Program Director.

NURS 136. Foundations of Nursing Practice
6 Credits (4+6P)
This course will introduce the nursing student to foundational theoretical concepts of professional nursing practice, the nursing process, and foundational nursing skills. It includes developmental concepts related to clients across the lifespan. Clinical experiences in the simulation lab, long-term care, the community, and rehabilitation settings will provide the student with the opportunity to apply learned skills to provide total care to meet needs of one adult client and to develop care planning skills related to actual problems. Students must be concurrently enrolled in both the lecture and lab sections of the course. Only students who have been admitted to the nursing program may enroll in this course. Students must be admitted into the Nursing Program to enroll in this course. Restricted to: Community Colleges campuses only.

Corequisite(s): NURS 134, NURS 137.

NURS 137. Care of Geriatric Patient
3 Credits (3)
This course will introduce the nursing student to foundational concepts of age-appropriate/specific care of the older adult who represents the largest population of individuals placing demands on the healthcare system. It includes basic and complex concepts and issues related to care of the older client across the care continuum, provision of cost-effective care in a resource sparse environment. Only students who have been admitted to the nursing program may enroll in this course. Students must be admitted into the nursing program to enroll in this course. Restricted to: NUR majors. Restricted to Community Colleges campuses only.

Corequisite(s): NURS 134 & NURS 136.

NURS 140. Pathophysiology for Allied Health Professionals
3 Credits (3)
Introduction to the nature of disease and its effect on body systems. Deals with the disease processes affecting the human body via an integrated approach to specific disease entities. Includes a review of normal functions of the appropriate body systems. Diseases are studied in relationship to their etiology, pathology, physical signs and symptoms, diagnostic procedures, complication, treatment modalities, and prognosis. Restricted to Allied Health and Health Information Technology majors. Restricted to: Community Colleges only.

NURS 146. Common Health Deviations
6 Credits (4+6P)
Common health deviations and the manner by which they alter various body functions are explored. The role of the licensed practical nurse in assisting clients with common health deviations is presented. Ethical and legal implications and the role of the practical nurse are also considered. The licensed practical nursing student will utilize the application of knowledge to client care situation both in the subacute and acute care settings. The nursing process is presented as guide for coordinating client care. Grade of C or better. May be repeated up to 6 credits. Restricted to: NURSING majors. Restricted to Carlsbad campus only.

Prerequisite(s): NURS 153, NURS 156, NURS 154, NURS 157, and NURS 210 or consent of program director.

NURS 147. Adult Health I
6 Credits (4+6P)
This course focuses on application of the nursing process and theoretical concepts of care for adults with commonly occurring health problems. Selected clinical learning experiences in the simulation lab, acute care, and community settings will allow the student to continue development of: prioritization skills, proficiency in performance of nursing skills, collaborative skills with clients, families, peers and health care team members, care planning skills related to patient actual, psychosocial, and potential problems in the delivery of total nursing care to meet needs of one adult client. Students must be concurrently enrolled in both the lecture and lab sections of the course. Only students who have been admitted to the nursing program may enroll in this course. Students must be admitted into the Nursing Program to enroll in this course. Restricted to: NUR majors. Restricted to Community Colleges campuses only.

Corequisite(s): NURS 130, NURS 147 lab, & NURS 149.
NURS 149. Mental Health Nursing  
3 Credits (2+3P)  
This course will allow the nursing student to develop skills necessary to provide nursing care for clients with mental health problems in various health care settings including: common mental health disorders, psychosocial dysfunction, psychosocial safety/substance abuse issues, violence, suicide, restraints, developmental age related pathophysiology, psychopharmacology, cultural/religious considerations, grief/loss, promotion of mental health, and therapeutic communication. Selected clinical learning experiences in the simulation lab, acute care, and community settings will allow the student to develop ability to develop: proficiency in performance of nursing skills, collaborative skills with clients, families, peers and health care team members, care planning skills related to patient actual, psychosocial, and potential problems in the delivery of total nursing care to meet needs of one client across the life span with acute/chronic mental health needs. Students must be concurrently enrolled in both the lecture and lab sections of this course. Only students who have been admitted to the nursing program may enroll in this course. Students must be admitted into the Nursing Program in order to enroll in the course. Restricted to: NURSING majors. Restricted to Carlsbad campus only.  
Corequisite(s): NURS 130, NURS 147, & NURS 149L.

NURS 150. Medical Terminology  
3 Credits (3)  
Understanding of the basic elements of medical words. Use of medical abbreviations. Same as OEHQ 120 and BOT 150. May be repeated up to 3 credits. Crosslisted with: BOT 150, AHS 120 and HIT 150.

NURS 153. Medication and Dosage Calculation  
1 Credit (1)  
Techniques of dosage calculation for medication and fluid administration. RR applicable. Students must meet NMSU basic skills requirement in mathematics to enroll in this course.

Corequisite(s): NURS 156 and NURS 154.

NURS 154. Physical Assessment  
2 Credits (2)  
Beginning techniques of physical assessment by systems will be presented using the nursing process as a guide for providing safe client centered care throughout the life span. Grade of C or better is required. May be repeated up to 2 credits. Restricted to: NURSING majors. Restricted to Carlsbad campus only.  
Prerequisite(s): NURS 156, NURS 157 and NURS 210.  
Corequisite(s): NURS 153, NURS 156.

NURS 155. Special Topics  
1-4 Credits  
Specific subjects to be announced in the Schedule of Classes.

NURS 156. Basic Nursing Theory and Practice  
6 Credits (4+6P)  
Introduction to the nursing profession and the beginning skills of nursing practice as it relates to normalcy. The nursing process is presented as a means of guiding the student in providing safe client centered care. Ethical and legal aspects of nursing practice are also included. Basic clinical nursing skills will be presented and practiced in the nursing lab. The student will perform these skills with clients in an actual health care setting. May be repeated up to 6 credits. Consent of Program Director requires. Restricted to: NURSING majors. Restricted to Carlsbad campus only.  
Corequisite(s): NURS 153, NURS 154.

NURS 157. Maternal/Child Health Deviations  
8 Credits (6+6P)  
The concepts and principles of nursing care of the family from conception to adolescence. Utilizing the nursing process, the student provides safe client centered care to diverse clients and families. Theoretical instruction is applied to client care situation. Students collaborate with clients, families and the interdisciplinary team in meeting health care needs. Experiences may occur in any of the regional health care facilities. Grade of C or better required. May be repeated up to 8 credits. Restricted to: NURSING majors. Restricted to Carlsbad campus only.  
Prerequisite(s): NURS 156, NURS 153, and NURS 154.  
Corequisite(s): NURS 210.

NURS 201. Special Topics  
1-4 Credits  
Specific topics to be announced in the Schedule of Classes. May be repeated for a maximum of 10 credits. Restricted to: Community Colleges only.  
Prerequisite: admission to the nursing program.

NURS 209. Independent Study  
1-4 Credits  
Individual studies to meet identified student needs. May be repeated for a maximum of 10 credits. Restricted to: Community Colleges only.  
Prerequisite: admission to the nursing program.

NURS 210. Pharmacological Requisites of the Childbearing Family  
1 Credit (1)  
Basic concepts of pharmacology including pharmacokinetics, pharmacodynamics, and pharmacotherapeutics, and their relationship to nursing care will be discussed focusing on medications commonly utilized with the childbearing family. Medication classes to be discussed include labor and delivery, analgesic, vitamins, respiratory, gynecological, endocrine, and anti-microbial/anti-infective drugs. Grade of C or better required. Restricted to: Carlsbad campus only.  
Prerequisite(s): BIOL 2210 and BIOL 2225 and NURS 153, NURS 154 and NURS 156.  
Corequisite(s): NURS 157.

NURS 211. Pharmacological Requisites of Simple Health Deviations  
1 Credit (1)  
Basic concepts of pharmacology including pharmacokinetics, pharmacodynamics, and pharmacotherapeutics, and their relationship to nursing care are addressed focusing on medications related to the psychiatric, gastrointestinal, musculoskeletal, gynecological, hematological, and anti-neoplastic client. Grade of C or better required. Restricted to: Carlsbad campus only.  
Prerequisite(s): BIOL 2210 and BIOL 2225 and NURS 153, NURS 154, NURS 156, NURS 157 and NURS 210.  
Corequisite(s): NURS 246 and NURS 258.

NURS 212. Pharmacological Requisites of Complex Health Deviations  
1 Credit (1)  
Basic concepts of pharmacology including pharmacokinetics, pharmacodynamics, and pharmacotherapeutics, and their relationship to nursing care is examined focusing on medications related to complex health deviations. Drug classes to be discussed include cardiovascular, renal, endocrine, and neurological. Grade of C or better required. Restricted to: Carlsbad campus only.  
Prerequisite(s): BIOL 2210 and BIOL 2225 , and NURS 153, NURS 154, NURS 156, NURS 157, NURS 246, NURS 258, NURS 210 and NURS 211.  
Corequisite(s): NURS 256 and NURS 260.
NURS 224. Maternal Child Nursing
5 Credits (4+3P)
This course provides the intermediate nursing student with an in-depth review of care of the childbearing woman, family structures and roles, and nursing care of the child from birth through adolescence. Emphasis includes the care of pre-partum, intra-partum and postpartum clients, the neonate and health deviations in pediatric clients. Clinical experiences in the simulation lab, the community, and acute care settings will provide the student with the opportunity to apply learned skills to provide total care to meet needs of up to two adult, neonatal, or pediatric clients and to apply care planning skills related to actual, psychosocial and potential problems. Students must be concurrently enrolled in both the lecture and lab sections of the course. Only students who have been admitted to the nursing program may enroll in this course. Students must be admitted into the Nursing Program to enroll in this course. Restricted to: NUR majors. Restricted to: Community Colleges only.
Corequisite(s): NURS 235, & NURS 236.

NURS 226. Adult Health II
6 Credits (4+6P)
This course focuses on application of nursing process and theoretical concepts of care for adults with complex health alterations. Selected clinical learning experiences in the simulation lab, acute care, and community settings will allow the student to apply priority skills, maintain proficiency in performance of nursing skills, collaborative skills with clients, families, peers and health care team members, and care planning skills related to patient actual, psychosocial, and potential problems in the delivery of nursing care to meet needs of three adult clients. Students must be concurrently enrolled in both the lecture and lab sections of the course. Only students who have been admitted to the nursing program may enroll in this course. Students must be admitted into the Nursing Program to enroll in this course. Restricted to: NUR majors. Restricted to: Community Colleges only.
Corequisite(s): NURS 224 & NURS 235.

NURS 235. Nursing Leadership and Management
1 Credit (1)
This course introduces the intermediate nursing student to professional practice principles of nursing leadership and management including: health policy and politics, fiscal management & budgeting, conflict management, decision making, interdisciplinary practice, working with teams, roles in disaster planning and management, application of standards of care to risk management, organization of care delivery, health care systems, processes, and practice environments. May be repeated up to 1 credit. Students must be admitted into the Nursing Program to enroll in this course. Restricted to: NUR majors. Restricted to Community Colleges campuses only.
Corequisite(s): NURS 224, NURS 226.

NURS 236. Nursing Preceptorship - Adult Health III
6 Credits (2+12P)
This course is the final course involving care of the patient with acute or chronic illness. It focuses on care of patients with complex or multi-system problems allowing the graduating nursing student to discuss and apply all the skills learned in previous nursing courses. After successfully passing the HESI exam, students have clinical practice with preceptor in various health care settings. Selected clinical learning experiences in the simulation lab, acute care, and community settings will allow the student to: organize care of a group of clients, maintain proficiency in performance of nursing skills, collaborate with clients, families, peers and health care team members, and support care planning skills related to patient actual, psychosocial, and potential problems in the delivery of nursing care to meet needs of the preceptors group of clients. Students must be concurrently enrolled in both the lecture and lab sections of the course. Only students who have been admitted to the nursing program and have successfully completed all level 1, 2 and 3 nursing courses may enroll in this course. Clinical may include inpatient or outpatient care, days, evenings, nights, or weekend experiences. Students are required to work the preceptors assigned schedule. NCLEX Review must be done concurrently. Students must be admitted into the Nursing Program to enroll in this course. Restricted to: NUR majors. Restricted to: Community Colleges only.
Corequisite(s): NURS 201.

NURS 246. Health Deviations I
7 Credits (4+9P)
Introduction to medical/surgical clients, whose health care needs are routine and predictable. Focus is on simple health deviations, including concepts relative to health promotion and maintenance. The nursing process is utilized to provide evidenced based, safe client centered care. Students are expected to apply clinical judgment, communicate and collaborate with clients and the interdisciplinary team in providing care for a group of two to three clients. Grade of C or better required. May be repeated up to 7 credits. Restricted to: Nursing majors. Restricted to Carlsbad campus only.
Prerequisite(s): NURS 153, NURS 154, NURS 156, NURS 157 and NURS 210.
Corequisite(s): NURS 211, NURS 258.

NURS 256. Health Deviations II
8 Credits (4+12P)
Concepts and principles applied to clients with complex health deviations. Building upon knowledge gained in NURS 246, focus will be on acutely ill clients. The nursing process continues to serve as a guide to provide safe, client centered care. The student collaborates with the interdisciplinary team in all aspects of client care. Student experiences the role of the staff nurse under the guidance and direction of the nursing instructor. Grade of C or better required. May be repeated up to 8 credits. Restricted to: Nursing majors. Restricted to Carlsbad campus only.
Prerequisite(s): NURS 153, NURS 154, NURS 156, NURS 157, NURS 210, NURS 211, NURS 246, and NURS 258.
Corequisite(s): NURS 212, NURS 260.
NURS 258. Psychosocial Requisites: A Deficit Approach
3 Credits (2+3P)
Nursing theory and practice as it relates to the care of the client experiencing psychosocial health deviations. The role of the nurse is discussed along with the ethical and legal aspects of care for the client with psychosocial disorders. Building upon the communication skills of listening and responding, the student develops the therapeutic skills of interpersonal relationships. Grade of C or better is required. May be repeated up to 3 credits. Restricted to Carlsbad campus only.
Prerequisite(s): NURS 153, NURS 154, NURS 156, NURS 157, NURS 210, and NURS 246.
Corequisite(s): NURS 211, NURS 246.

NURS 260. Management of Patients with Health Deviations
2 Credits (2)
A capstone course to the nursing program in which principles in management and delegation to less prepared personnel is explored. A review of leadership roles, legal issues, quality initiatives, informatics and scope of practice is included. Preparation for the NCLEX is an integral portion of the course. Grade of C or better is required. May be repeated up to 2 credits. Restricted to: Nursing majors. Restricted to Carlsbad campus only.
Prerequisite(s): NURS 153, NURS 154, NURS 156, NURS 157, NURS 210, NURS 211, NURS 246, and NURS 258.
Corequisite(s): NURS 212, NURS 256.

NURS 314. Computer Technology for Nurses
3 Credits (3)
Introduction to health care informatics and its use in nursing practice. Focus includes electronic communication resources, issues and technological applications that support nursing and health care.

NURS 315. Introduction to Professional Nursing for the R.N.
3 Credits (3)
Transition course for the R.N. providing an overview of theories and concepts that are the bases for professional nursing practice.

NURS 322. Nursing Health Assessment
3 Credits (3)
Theoretical basis for the biopsychosocial assessment of individual patients across the life span for the RN. Restricted to Majors.

NURS 324. Nursing Care of the Older Adult
3 Credits (3)
Survey course addressing nursing care provisions for the elderly population in a variety of acute, community and home settings.

NURS 325. Human Pathophysiology for Nursing
3 Credits (3)
Concepts of alteration and adaptation in structure and function of the human body across the life span.

NURS 328. Human Pathophysiology Foundation for Nursing
4 Credits (4)
Human pathophysiology concepts of adaptation and alteration in function and structure across the life span and their implications for nursing practice. May be repeated up to 4 credits. Restricted to: BSNR, BSN, BSNP or consent of instructor majors.
Prerequisite(s): Grade of C or better in both (BIOL 353 & BIOL 2221/BIOL 354), or (BIOL 2210 & BIOL 2225), or (SPMD 2210 & SPMD 371).
Corequisite(s): NMNC 3110, NMNC 3135, NURS 362.

NURS 352. Bioterrorism
3 Credits (3)
Examines the role of today’s nurse in the face of real or potential radiological and chemical threats. Emphasis is placed on clinical and public education and safety as well as nursing/logical responses. Taught online.

NURS 353. Nursing Informatics
3 Credits (3)
This course addresses nursing informatics principles and practices. Key concepts include relationship with evidence-based nursing practice, use of decision support systems, clinical information systems, telehealth, and standardized nursing language. May be repeated up to 3 credits. Restricted to: BSNC majors.

NURS 360. Introduction to Nursing Concepts
3 Credits (3)
This course introduces the nursing student to the concepts of nursing practice and conceptual learning. Same as NMNEC course no.: NMNEC 101 Students must be admitted to the Nursing Program to enroll in this course. Restricted to: NURS majors.
Corequisite(s): A ST 311, or admission to RN-BSN Option with consent of instructor.

NURS 365. Global Health Literacy for a Global Society
3 Credits (3)
This course introduces the student to various aspects of global health literacy. Emphasis is placed on ethical and practical issues in critiquing and using research/evidence-based findings. Restricted to: BSNC majors.
Prerequisite(s): NURS 362.

NURS 376. Research and Evidence-Based Practice for the Practicing RN
3 Credits (3)
Course provides introduction to evidenced-based practice and research principles for the practicing RN. Evidence-based practice principles and processes are covered. Foundations of research (quantitative and qualitative) research designs and research evaluation are included. Emphasis is placed on ethical and practical issues in critiquing and using research/evidence-based findings. Restricted to: BSNC majors.
Prerequisite(s): A ST 311, or admission to RN-BSN Option with consent of instructor.

NURS 425. Health Literacy for a Global Society
3 Credits (3)
This is a course which addresses the importance of health literacy in an emerging global society, covering the primary aspects of global health literacy. The course explores and analyzes the challenges of health literacy in various areas of our world today, with an emphasis on the development of an action plan to improve health literacy in a select world area. The course is designed to assist students in locating, interpreting, and evaluating sources and content of health information, and in developing effective strategies and tools to assess, communicate, and educate about health literacy. Approximately one-third of the course is dedicated to exploring and evaluating emerging technologies and health literacy. Active student participation is expected and group work within class or online is commonly utilized.

NURS 426. Community Health Nursing for the R.N.: Clinical
3 Credits (6P)
Nursing process applied to the care of families, groups, and communities.
NURS 460. Strategies for Student Success  
3 Credits (3)  
This course is designed to assist and support students as they identify learning needs and develop a plan for successfully mastering nursing knowledge. Course activities and assignments will be designed to address student's self-identified learning goals to enhance their opportunity for success. Restricted to NURS, BSN, BSNP, BSNR majors.

NURS 470. Nursing Organization and Management  
3 Credits (3)  
Concepts of organization and delivery of care to groups of patients based on the nursing process. Emphasis on the roles of the nurse as manager, leader, and change agent within health-care organizations.

NURS 472. Community and Population Focused Nursing  
6 Credits (3+6P)  
Synthesis of nursing, social, and public health science to develop health promotion, disease prevention, and protection strategies for communities and populations. Clinical component included.

NURS 475. Issues and Trends in Professional Nursing  
3 Credits (3)  
Explores the challenges associated with issues and trends in health care and the legal and ethical implications of professional nursing practice.

NURS 476. Nursing Organization & Management for the R.N.: Clinical  
3 Credits (6P)  
Nursing process applied to organization, management, and delivery of health care. An integrating experience for the R.N. student designed to facilitate the transition to professional practice. Students work with mentors in a clinical setting to develop professional nursing roles related to leadership and management.

NURS 477. Nursing Organization and Management for the RN  
3 Credits (3)  
Course covers nursing organization, leadership, and management principles, theories, and research for the practicing RN. Restricted to BSNC majors.

NURS 479. Nursing Care for Complex Patients  
8 Credits (2+12P)  
Principles and priorities of nursing care for patients across the life span experiencing complex care problems. Includes integrating experiences designed to facilitate the transition from student to professional nurse. Includes clinical component.

NURS 490. Independent Study  
1-3 Credits  
Individual studies with prior approval of department head.

NURS 505. Theoretical Foundations of Advanced Nursing  
3 Credits (3)  
This course is a graduate-level introduction to nursing theory. This course assists students in understanding the nature of theory development in nursing, evidence-based practice and related disciplines. Students examine the definitions and meanings of the basic concepts of theory along with theory development and will explore an analysis of selected theories/models and their application to nursing practice, research, education, and administration. Students must be enrolled in the graduate program in nursing or have the permission of advisor and faculty of course to enroll in course. Restricted to: NURS majors.

NURS 506. Health Policy for Advanced Nursing Practice  
3 Credits (3)  
Course provides a conceptual approach to understanding health policy including the social, legal, political and ethical factors that influence policy development. Strategies for influencing policy direction and change are examined. Restricted to: NURS, NUSC, NURP majors.

NURS 507. Evidence-Based Practice for Healthcare Leaders  
3 Credits (3)  
This course is designed to prepare nurse administrators and other healthcare leaders with the skills and knowledge needed to critically analyze and synthesize scholarly evidence to promote high quality evidence-based practice. May be repeated up to 3 credits. Restricted to: Online MSN in Nursing Administration majors.

NURS 509. Quality Improvement for Healthcare Leaders  
3 Credits (3)  
This course is designed to prepare nurse administrators and other healthcare leaders with the skills and knowledge needed to critically analyze and synthesize scholarly evidence to promote high quality evidence-based practice. Restricted to: exclude Online MSN in Nursing Administration majors.

NURS 511. Advanced Pathophysiology for Clinical Nursing  
3 Credits (3)  
In-depth study of the physiological and pathological bases of altered health states of patients across the life span. Case studies facilitate application of complex concepts to clinical nursing practice. Restricted to: NURS, NUSC, NURP majors.

NURS 512. Advanced Clinical Pharmacology  
3 Credits (3)  
Principles of clinical pharmacology for advanced clinical practice. Focus on pharmacology as it relates to human physiology and pathophysiology across the lifespan. Restricted to: NURS, NUSC, NURP majors.

NURS 514. Psychopharmacology for Advanced Practice  
3 Credits (3)  
Principles of clinical psychopharmacology with emphasis on clinical application of major drug classifications including decision making, prescribing, drug monitoring and patient education.

NURS 515. Advanced Health Assessment  
3 Credits (2+1P)  
Assessment theory and skills for advanced clinical practice. Emphasis on assessment of patients across the life span. May be repeated up to 3 credits. Restricted to: NURS, NUSC, NURP majors.

NURS 530. Promoting Health Behavior  
3 Credits (3)  
Emphasis is on the role of the advanced practice nurse in facilitating health behavior change. The impact of health status on health behavior, ethical issues relate to health promotion, and the processes for promoting healthy behaviors are explored. Theoretical models of behavior change and primary, secondary, and tertiary prevention concepts serve as a basis for developing nursing interventions that promote behavior change.

NURS 549. Management of Human and Fiscal Resources in Nursing  
4 Credits (1P)  
This graduate level course examines and applies contemporary concepts of human and fiscal resource management for the nurse administrator. Focus is placed on achieving quality outcomes through effective management of human assets and organizational resources in health care settings. The course includes a clinical component. May be repeated up to 4 credits. Restricted to: MSN majors.
NURS 562. Innovations and Health Care Organizations
3 Credits (3)
Examines complexity and innovation within health care systems, health care delivery, and population health. Areas of focus are systems, organizations, health disparities, and ethical decision making. Emphasis is on improvement in services and outcomes. Taught with NURS 649. Restricted to: NURS, NUSC, NURP majors.

NURS 563. Human Resource Management in Nursing
3 Credits (3)
Contemporary approaches to the development and management of nursing resources that complement organizational vision, strategies and management goals. Management of a diverse, quality workforce that results in an improved organizational performance. Performance evaluation, motivation, professional development and legal and regulatory aspects will be explored.

NURS 564. Nursing Fiscal Management
3 Credits (3)
Concepts of financial management emphasizing principles of health care budgeting and finance in managing health care resources. A focus is to achieve quality outcomes through financial resource management. May be repeated up to 3 credits. Restricted to: NURS majors.

NURS 565. Advanced Leadership in Healthcare
3-5 Credits (3+1-2P)
Analysis of leadership theories as they pertain to the nurse executive and the advanced practice nurse in complex health care organizations. Emphasis will be placed on organizational change and conflict management working with interdisciplinary health care teams. Clinical component included for DNP students only. May be repeated up to 5 credits. Restricted to: NURS, NUSC, NURP majors.
Prerequisite(s): NURS 562.

NURS 566. Seminar in Nursing Administration- Roles
3 Credits (3)
Role preparation for the nurse administrator as manager, leader, collaborator and change agent. Synthesis of concepts from management and nursing as a basis for role effectiveness in nursing administration.
Corequisite(s): NURS 595.

NURS 567. Nursing Informatics
3 Credits (3)
This course is provides the foundational knowledge necessary to integrate systems and information technologies. Topics include informatics, knowledge management, healthcare information systems/telehealth including the electronic health record. Focuses on using available technology to enhance safety and monitor the health status and outcomes of populations. Restricted to: NURS, NUSC, NURP majors.
Prerequisite(s): Consent of Instructor.

NURS 572. Pharmacology of Addictions
4 Credits (4)
Concepts and principles of the pharmacology of psychoactive substances and the addiction process; including the pharmacological approach to treatment. Restricted to: NURS majors.

NURS 590. Independent Study
1-10 Credits
Individual studies and directed research with prior approval of department head. May be repeated on a different topic. May be repeated for a maximum of 20 credits.
Prerequisite: consent of instructor.

NURS 595. Advanced Field Work in Nursing
1-3 Credits (1P)
A practicum in Nursing Administration. Application of concepts from management and nursing to the clinical, educational, or community setting. May be repeated up to 12 credits. Restricted to: MSN, DNP, PHD majors. Graded: S/U Grading (S/U, Audit).
Prerequisite(s): NURS 565.
Corequisite(s): NURS 566.

NURS 597. Special Topics
1-3 Credits
Specific subjects to be announced in the Schedule of Classes. May be repeated for a different subject area. May be repeated for a maximum of 8 credits.
Prerequisite: consent of instructor.

NURS 601. Theory I: Methods and Processes of Nursing Knowledge Development
3 Credits (3)
Building on the Philosophy of Science course, the student will engage in analysis and critique of both developmental processes and composition of nursing disciplinary knowledge. Diverse approaches will be used to appraise and critique historical and contemporary milestones in the development and evaluation of nursing thought. Emphasis is also placed on implications of theory and knowledge development as related to multicultural and rural issues.
Prerequisite(s): NURS 600.

NURS 602. Theory II: Contemporary Substantive Nursing Knowledge
3 Credits (3)
Critically examine existing & evolving substantive knowledge drawn from nursing and other disciplines. Focus on the construction, analysis of current substantive nursing knowledge, including evaluation of relationships among theories, evidence and explanation will be pursued. Special attention to existing and evolving theories applicable to rural, multicultural and educational settings. Prerequisite: NURS 601

NURS 606. Quantitative Methods in Nursing Research
3 Credits (3)
Focus on approaches to developing nursing knowledge by means of quantitative research methods as applied to clinical problems, theoretical modeling of human response to health and illness, and health policy issues. Emphasizes detailed analysis and critique of non-experimental and experimental designs, issues pertaining to sampling and statistical power, the reliability and validity of measurers, and uses and abuses of descriptive and inferential statistics in nursing research literature. Students are expected to develop sufficient discernment to read, critique, evaluate, and discuss the quality, significance, and limitations of published quantitative nursing research.
Prerequisite: NURS 621.

NURS 607. Qualitative Methods in Nursing Research
3 Credits (3)
Major methodological traditions of qualitative research and their applications to knowledge development and clinical research in nursing are the emphasis. Overview of at least one computer-assisted qualitative data analysis software application. Students will engage in detailed critique and discussion of significant nursing investigation representing various qualitative approaches and traditions.
NURS 610. Nursing Education: Pedagogy and Roles  
3 Credits (3)  
Teaching-learning process in the clinical and classroom settings. Focuses on educational patterns and pathways in nursing and the roles of faculty in academia. Educational reform is analyzed in relationship to diversity in students, faculty, practice settings and technology-driven learning environments. Instructional designs, teaching strategies, and outcome evaluations are examined for their pedagogic use. The development of critical thinking outcomes, mentorships and partnerships to meet the needs of students are addressed. The course examines issues and challenges that impact the educational process such as student and faculty recruitment, the changing healthcare environment, differentiation of practice, advanced practice, reduced resources and links with theory and research.

NURS 620. Advanced Health Care Statistics I  
3 Credits (3)  
This course provides knowledge, skills and practice in collecting, analyzing and interpreting data. The following quantitative techniques will be examined and utilized using SPSS: principle of measurement, probability, principles of parametric and non parametric techniques, Kolmogorov-Smirnov test, comparison of means, correlation analyses, use of psychometric techniques, binomial test, sign test, McNemar test, median test, Cochran Q test, Phi coefficient, Fisher’s Exact test, Mann-Whitney U, Kruskal-Wallis test, Wilcoxon Signed Ranks and Spearman Rho. A graduate level statistics course completed within three years prior to the date of expected admission is desirable. Restricted to majors.

NURS 621. Advanced Health Care Statistics II  
3 Credits (3)  
This course is the second of a two-semester quantitative statistical course designed to provide knowledge, skills and practice in collecting, analyzing, and interpreting data. The following quantities techniques will be examined and utilized using SPSS: analysis of variance (ANOVA), analysis of covariance (ANCOVA), linear, multiple, and logistic regression, structural equation modeling (SEM), principle components analysis, and factor analysis. Restricted to majors.

Prerequisite: NURS 620.

NURS 623. Mixed Methods  
3 Credits (3)  
Presents a brief overview of research paradigms with emphasis on formulating research questions, aims and methods for a mixed method/model approach. Students may use proposals developed in earlier qualitative and quantitative research classes to devise mixed method proposal integrating readings on these methods and own research interests. Prerequisite: NURS 606 and NURS 607

NURS 624. Measurement in Culturally Diverse Border Populations  
3 Credits (3)  
The focus of this course is the development of essential competencies required to locate, select, evaluate, and use instruments to operationalize nursing variables. Ethical considerations in nursing research and research issues in diverse populations will be discussed. Specific attention is given to the process of moving from concept to construct, measurement theory, validity/reliability issues, and measurement issues in diverse populations including literacy, social desirability bias, sensitive data, translations, and cultural equivalency. Restricted to PhD in Nursing majors.

Prerequisite(s): Admission to PhD in Nursing program; NURS 606; NURS 623; or consent of Instructor.

NURS 630. Issues in Studying Health of Culturally Diverse and Border Populations  
3 Credits (3)  
Analysis and evaluation of the unique health care needs of culturally diverse and rural populations across the lifespan from ethnic, economic, gender, and sexual orientation perspectives. Interdisciplinary strategies to affect positive health outcomes are discussed, analyzed, and evaluated. Restricted to: NURS, NUSC, NURP majors.

NURS 631. Population Based Approaches to Health Promotion  
3 Credits (3)  
Population based approaches to health promotion focuses on preparing nursing students to identify, critically analyze and evaluate health promotion initiatives in culturally diverse and border populations using the Southwestern U.S. and U.S./Mexico border as the case exemplar. It examines historical, socio-economic, legal and professional issues associated with health promotion and policy initiatives. It considers prospects for social change, political movements and alternative approaches to develop and hasten adaption of health promotion initiatives in partnership with communities, advocacy groups and health care agencies.

NURS 649. Innovations and Health Care Organizations  
3 Credits (3)  
Examines complexity and innovation within health care systems, health care delivery, and population health. Areas of focus are systems, organizations, health disparities, and ethical decision making. Emphasis is on improvement in services and outcomes. Taught with NURS 562. Restricted to: NURS, NUSC, NURP majors.

NURS 650. Behavioral Approaches and Determinants of Nursing and Health  
3 Credits (3)  
Focuses on how behavioral/mental health concepts are applied in determining health outcomes for individuals, families, and communities. Students will apply and synthesize theoretical constructs within practice and research focusing on behavioral/mental health concepts. Health outcomes are viewed in a traditionally holistic manner in that health outcomes are discussed as an integral part of the human experience of healing and health.

NURS 651. Quality Improvement in Healthcare  
3 Credits (3)  
This course prepares nurse practitioners and other advanced practice nurses to be leaders of interprofessional teams engaged in the process of continuous quality improvement in healthcare settings. Healthcare quality improvement principles and practice will focus on improving patient care and outcomes, lowering costs, reducing health disparities, and increasing access to healthcare. May be repeated up to 3 credits. Restricted to: Family Nurse Practitioner; Psych/Mental Health Nursing; Nursing Practice; Family Nurse Practitioner Certificate; and Psych/Mental Health Nursing Certificate majors.

NURS 652. Applied Evidence-Based Practice and Quality Improvement  
3 Credits (3)  
This course is designed to prepare DNP student to demonstrate systems thinking, and accountability in design, delivery, and evaluating evidence-based care to improve clinical outcomes through the development of the DNP prospectus. May be repeated up to 3 credits. Restricted to: DNP majors.

Prerequisite(s): NURS 651.
NURS 653. Evidence-Based Practice for Nurse Practitioners
3 Credits (3)
This course is designed to prepare nurse practitioners and other advanced practice nurses with the skills and knowledge needed to critically analyze and synthesize scholarly evidence to promote high quality evidence-based practice. Restricted to: Family Nurse Practitioner; Psych/Mental Health Nursing; Nursing Practice; Family Nurse Practitioner Certificate; and Psych/Mental Health Nursing Certificate majors.
Prerequisite(s): NURS 651.

NURS 660. PMHNP Across the Lifespan I
6 Credits (3+1-3P)
This is the first in a series of three didactic/clinical courses for the psychiatric mental health nurse practitioner (PMHNP) student. This course introduces the PMHNP student to the scope and standards of practice; legal and ethical issues; comprehensive psychiatric assessment and evaluation; developmental theories; and the theory and practice of psychotherapy. Emphasis is placed on individuals across the lifespan from diverse populations. The clinical component of this course involves working with a preceptor on psychiatric assessment and evaluation, as well as therapy in an outpatient setting. May be repeated up to 6 credits. Restricted to: NURP/NURS majors.
Prerequisite(s): NURS 511, NURS 512, NURS 515.

NURS 662. PMHNP Across the Lifespan II
5-7 Credits (3+2-4P)
This is the second in a series of three didactic/clinical courses for the psychiatric mental health nurse practitioner (PMHNP) student. This course provides further theoretical foundations, knowledge and evidence-based practice experiences in differential diagnosis for mental health conditions; family and group therapy; and integrated management of mental health conditions. Emphasis is placed on working with families from diverse populations. The clinical component of this course involves working with a preceptor to advance skills in comprehensive treatment plans that include psychotherapy and psychopharmacology in inpatient and/or outpatient settings. May be repeated up to 7 credits. Restricted to: NURP/NURS majors.
Prerequisite(s): NURS 660.

NURS 664. PMHNP Across the Lifespan III
5 Credits (1+3-4P)
Demonstrate self-awareness of core professional values and ethical/legal standards in the implementation of the nurse practitioner role, identifying and maintaining professional boundaries to preserve the integrity of the therapeutic process. Integrate history, laboratory and physical exam data with the knowledge of pathophysiology and psychopathology of acute and chronic diseases across the life span, to construct comprehensive and concise biopsychosocial assessments and diagnosis of individuals with common psychiatric disorders. Demonstrate interdisciplinary communication and care coordination by seeking consultation with colleagues to improve clinical outcomes for individuals with mental health problems and psychiatric disorders. Apply theoretical concepts and psychotherapeutic modalities to develop age-appropriate therapeutic alliances with individuals and families during developmental transitions and life-style adjustments across the lifespan based on current evidence and clinical practice guidelines. Recognize cultural diversity, spiritual preferences, values, and beliefs to create a climate of patient-centered care demonstrating confidentiality, privacy, comfort, emotional support, mutual trust, and respect. Demonstrate increasing independence in the application of supportive, psychodynamic principles, cognitive-behavioral and other evidence-based psychotherapy/-ies to both brief and long-term individual encounters, family therapy and group therapy. Demonstrate knowledge of psychotherapeutic theories and concepts by independently conducting psychotherapy with individuals with mental illness or at risk for mental health problems, under the supervision of a preceptor. Apply theoretical concepts, evidence-based psychotherapeutic modalities, and knowledge of psychopharmacology to develop, implement and document comprehensive treatment plans.

NURS 665. Advanced Concepts in the Treatment of Substance Use Disorders
1 Credit (1)
This course examines scope of practice, epidemiology, cultural issues, and common co-occurring psychiatric, medical and legal problems related to substance use disorders, including opioid use disorder. Students will review theories and research as the basis for psychometric screening and evidence-based interventions, including medication-assisted treatment for substance use disorders. Emphasis is placed on individuals across the lifespan from diverse populations. Consent of Instructor required.

NURS 671. FNP Across the Lifespan I
6 Credits (3+1-3P)
This is the first in a series of three didactic/clinical courses for the family nurse practitioner (FNP) student. This course introduces the FNP student to the scope and standards of practice; legal and ethical issues; differential diagnosis; as well as the identification and management of specific symptoms and conditions. Emphasis is placed on individuals across the lifespan from diverse populations. The clinical component of this course involves working with a preceptor to advance skills in patient history taking, performing physical assessments, and interpreting laboratory and other test results. Development of a plan of care with health promotion components is also expected. May be repeated up to 6 credits. Restricted to: NURP/NURS majors.
Prerequisite(s): NURS 511, NURS 512, NURS 515.
NURS 672. FNP Across the Lifespan II
5-7 Credits (3+2-4P)
This is the second in a series of three didactic/clinical courses for the family nurse practitioner (FNP) student. This course provides further theoretical foundations, knowledge and evidence-based practice experiences in the differential diagnosis and management of acute and chronic diseases. Emphasis is placed on individuals across the lifespan from diverse populations. Building on knowledge and skills from the previous course, students will be expected to manage patients with an increasing complexity of health issues and multiple co-morbidities. The clinical component of this course involves working with a preceptor to refine skills in assessment and differential diagnosis and well as the development and implementation of comprehensive treatment plans, that include referrals to other specialties and services. May be repeated up to 7 credits. Restricted to: NURPNURS majors.
Prerequisite(s): NURS 671.

NURS 673. FNP Across the Lifespan III
5 Credits (1+3-4P)
This is the final didactic/clinical course for the family nurse practitioner (FNP) student. In this course, the student works with a preceptor to develop mastery of skills required to assess, diagnose and manage acute and chronic conditions in primary care settings. Advancement of knowledge and skills attained through previous practicum experiences and this final course produces a capable, qualified provider, who will transition into a safe, novice, primary care nurse practitioner. The didactic component of this course includes preparation for the FNP board certification examination. May be repeated up to 5 credits. Restricted to: NURPNURS majors.
Prerequisite(s): NURS 672.

NURS 676. Women's Health
3 Credits (3)
The course will examine patient and family perspectives as well as health care system variables and societal issues that affect the organization and delivery of women’s health care. Students will engage in critical analysis of the evidence base concerning psychosocial and spiritual concerns and barriers to and opportunities for improving women’s health care across the diverse settings in which health care is delivered. Focus on evidence-based approaches to the primary care management of women. May be repeated up to 3 credits.

NURS 678. Health Needs of Special Populations
2-4 Credits (2+1-2P)
This course provides an overview of infant, child, adult and older adult health needs and interventions that promote and support optimal health. The conceptual and theoretical foundation for advanced practice with individuals and families across the lifespan is emphasized, including pharmaco-therapeutic and integrated bio-psychosocial interventions for diverse populations across the continuum of care. Advanced practice nurses in the certificate program will have varying hours of credit. May be repeated up to 4 credits.
Prerequisite(s): NURS 660 or NURS 671 or permission of instructor.

NURS 685. Epidemiology for Advanced Nursing Practice
2 Credits
Emphasis is on the practical application of the principles of epidemiology in the measurement and evaluation of population health. Epidemiological literature will be critiqued and synthesized to evaluate population-based public health nursing problems. Issues related to disease surveillance, causation, genetic patterns, screening and social trends in population health will be examined. Use of existing data bases and technology programs are covered. Restricted to: NURP, NURS, NUSC majors.

NURS 686. DNP Project I
2 Credits (2)
This is the first in a three-course series that culminates in the implementation, evaluation and dissemination of scholarly work that demonstrates the student’s synthesis of the Essentials of Doctoral Education for Advanced Practice Nursing (i.e., the DNP Essentials). The project must use evidence to improve clinical practice, healthcare delivery and/or patient outcomes. Upon completion of this course, students will identify a problem in healthcare, explore the existing evidence and develop a preliminary proposal for a project that demonstrates synthesis of DNP coursework and lays the groundwork for future scholarship. Prerequisite(s): (NURS 507 or NURS 653) and (NURS 508 or NURS 652).

NURS 687. DNP Project II
2 Credits (2)
This is the second in a three-course series that culminates in the implementation, evaluation and dissemination of scholarly work that demonstrates the student’s synthesis of the Essentials of Doctoral Education for Advanced Practice Nursing (i.e., the DNP Essentials). The project must use evidence to improve clinical practice, healthcare delivery and/or patient outcomes. Upon completion of this course, students will have designed and defended a plan for implementation and evaluation of the proposed project, submitted an IRB application, and initiated the project upon obtaining IRB approval. Prerequisite(s): NURS 686.

NURS 688. DNP Project III
2 Credits (2)
This is the third in a three-course series that culminates in the implementation, evaluation and dissemination of scholarly work that demonstrates the student’s synthesis of the Essentials of Doctoral Education for Advanced Practice Nursing (i.e., the DNP Essentials). The project must use evidence to improve clinical practice, healthcare delivery and/or patient outcomes. Upon completion of this course, students will demonstrate the ability execute the proposed project plan. If additional time is needed to complete the proposed DNP project, the student must register for NURS 699 in subsequent semesters until the project outcomes are successfully defended in front of the project committee. Prerequisite(s): NURS 687.

NURS 690. Doctoral Nursing Seminar
1-3 Credits (1-3)
Seminar to build nursing scholarship skills, consisting of a series of 1 credit seminars that are taken as part of the doctoral degree plan. May be repeated up to 7 credits. Restricted to: NUSC majors.

NURS 691. Independent Study
1-6 Credits (1-6)
Individual studies and directed research with prior approval of department head. May be repeated for a maximum of 12 credits. Prerequisite: consent of instructor.

NURS 697. Professional Roles for Advanced Practice Clinical Nursing
3 Credits (3)
This course will focus on providing an in-depth understanding of the legal, historical, political, social, and ethical aspects of advanced practice nursing. Traditional and emerging roles for advanced practice nursing are examined. Restricted to DNP majors. Prerequisite(s): Admission to DNP program, NURS 664 OR NURS 672.
NURS 698. Advanced Practice Nursing Immersion
1-4 Credits (1-4)
Practicum experience for advanced practice students. Focus will be on a practice issue chosen by the student for further development as an evidence-based doctoral project. Clinical practice hours as needed to meet DNP requirements. Up to 24 credits may be completed by student. May be repeated up to 4 credits. Restricted to: NURP majors. Graded: S/U Grading (S/U, Audit).
Prerequisite(s): NURS 511, NURS 512, NURS 515 or enrollment in post-masters track.

NURS 699. Clinical Scholarly Project
1-4 Credits (1-4)
Building on the practice expertise of the DNP student, this series of credits is to provide the student with the opportunity to design an innovative clinical practice improvement project/program addressing an actual health care concern. Through mentored activities, the DNP student will identify, develop, implement, evaluate, and disseminate an independent analytic. Graded: S/U. NURS 652. Restricted to: NURP majors. Graded: S/U Grading (S/U, Audit).
Prerequisite(s): Admission to DNP program.

NURS 700. Doctoral Dissertation
1-9 Credits (1-9)
Dissertation may be repeated to maximum of 30 credits. Minimum requirements are 21 credit hours. Comprehensive examine is included within these 21 credits.

NURS 999. Practical Nursing Requirements Completed
99 Credits
A phantom course created to indicate a student has met Practical Nursing requirements. Used to indicate this in academic history to replace an administrative message not converted from SOLAR to VISTAS. 01/97