Nursing

Undergraduate Program Information

NMSU’s School of Nursing offers a Bachelor of Science in Nursing (B.S.N.) degree. The degree plan provides three options to accommodate either the beginning nursing student, the beginning nursing student with a baccalaureate degree in another field, or the returning registered nurse. Students graduating from the first two options are eligible to take the NCLEX-RN® examination for licensure as a registered nurse upon completion of their program studies. This program is also offered at two additional satellite sites at NMSU Grants, NM and NMSU Alamogordo, NM. Option three is designed for the registered nurse who wishes to complete a BSN.

The Bachelor of Science in Nursing degree program is approved by the New Mexico Board of Nursing and accredited by the Commission on Collegiate Nursing Education (CCNE). Approval by the New Mexico Board of Nursing is required for graduates to be eligible for the National Council Licensing Examination (NCLEX-RN®) for licensure as a registered nurse. Accreditation by the CCNE assures prospective students and employers that the program has met national education standards.

The NMSU SON is a full member of the New Mexico Nursing Education Consortium (NMNEC) and offers the NMNEC BSN curriculum.

Requirements for B.S.N. Program Admission

Requirements and procedures for admission to the four-year B.S.N. program are as follows:

1. Obtain admission to NMSU as a regular student.
2. Contact the pre-nursing advisor in the College of Health and Social Services for complete Nursing Program information and advisement.
3. Satisfy NMSU basic academic competency requirements in English and Math.
4. Complete prerequisite coursework before final admission to the nursing major.
5. Prerequisite science courses must have been completed within the past seven years.
6. Achieve a grade of C- or better in each nursing prerequisite course.
7. Achieve a competitive minimum prerequisite GPA of 2.75 which includes grades earned from all higher education institutions.
8. Precandidate applicants to the NMSU School of Nursing are required to take a standardized admission exam and to obtain a satisfactory score prior to application to the nursing major.
9. Applicants will be considered for admission to the nursing major during the fall or spring semester of anticipated completion of prerequisite coursework or after prerequisite courses are completed. Applicants for fall semester admission may not finish prerequisites in the summer session immediately preceding the fall semester in which they wish to be admitted.
10. Application deadlines each year are:
   a. February 1st—for consideration for Fall admission to the nursing major
   b. September 1st—for consideration for Spring admission to the nursing major

NOTE: Admission is competitive and available seats are limited. Priority for admission will be given to applicants with the highest GPAs in the required prerequisite coursework, scores on the standardized admission exam, and to New Mexico residents.

Any applicant not admitted to the nursing major may reapply.

Second Degree: BSN (Pathway option) or the Accelerated 2nd Degree (Roadrunner option)

Requirements and procedures for admission to the two second degree options are as follows:

1. Obtain admission to NMSU as a second bachelor’s degree-seeking student with official transcripts
2. Contact the pre-nursing advisors in the School of Nursing Advising Center for advisement on program application and admission.
3. Have a minimum 3.0 GPA on a 4.0 scale in first bachelor’s degree
4. Have a minimum of a 3.0 GPA on a 4.0 scale in the required prerequisite Anatomy and Physiology or A&P I and A&P II (8 credits), third science course (3 credits in BIOL, MOLB, CHEM, or PHYS), a Pathophysiology course (3-4 credits) and Statistics (3 credits).
5. Roadrunner applicants must also obtain a B or better in all prerequisites. All courses must be completed before submitting a nursing application and must not be older than 7 years.
6. Roadrunner students are admitted once a year, in the summer. Pathway option students are admitted in spring or fall semesters. Submit an official application to the second degree option to the School of Nursing Advising Center by February 1st, for consideration for summer Roadrunner admissions. Submission dates for Pathway students are February 1st for fall admission, or September 1st for spring admission to the nursing program.
7. Complete a resume documenting prior education and work experience.
8. A Medical Terminology Course is recommended
9. Applications are considered only after all requested documentation is received by the pre-nursing Advisors.
10. Three letters of recommendation are required.

Graduate Program Information

MSN: The School of Nursing offers graduate course work for nurses leading to a Master of Science in Nursing (MSN) degree. The MSN specialization offered is in Nursing Administration, which is designed to provide students with the knowledge and experience to assume leadership roles in a variety of health care delivery systems. Graduates meet the requirements necessary to teach in basic nursing education programs or manage continuing nursing education programs.

The MSN program is accredited by the Commission on Collegiate Nursing Education (CCNE).

Admission to the MSN program is in accordance with the general regulations of the Graduate School. Additional requirements include a BSN from an accredited college or university; successful completion of an inferential statistics course within the last 5 years; three professional letters of recommendation; a letter stating personal goals for graduate education and intended specialty area; resume identifying clinical practice experience; and proof of licensure or eligibility for licensure as a Registered Nurse in any of the 50 United States, the District of Columbia or U.S. territories.

Application for admission should be submitted online through Admissions. Letters of reference, personal goals, resume, unofficial transcripts and proof of licensure should be uploaded into the
Admissions portal. Applicants who are registered nurses without a bachelor’s degree in nursing, but with a bachelor’s degree in another discipline may be considered for admission on an individual basis. Applicants without a BSN are admitted conditionally.

**DNP:** The Doctorate in Nursing Practice (DNP) prepares individuals who can assume advanced nursing practice roles within the health care arena in the areas of Family Psychiatric/Mental Health Nurse Practitioner, Family Nurse Practitioner, Adult/Geriatric and Public/Community Health Nursing. The focus of the DNP is on advanced nursing practice directed towards improving nursing care outcomes for individuals, families, communities, and systems. The program emphasizes culturally sensitive practice, evidenced-based practice, and translation of research to practice as it relates to improving the care of individuals, families, groups and communities experiencing or at risk for health disparities. The complexity of health care combined with rapidly increasing knowledge and the need for both evidence-based practice and translation of research to practice support the scholarship goals of the Doctorate of Nursing Practice (DNP). For the DNP program, students must also take courses in advanced pathophysiology, advanced assessment, and advanced pharmacology in addition to specialty courses within their area of study. The focus of specific clinical experiences varies with student interest and in consultation with faculty advisors. Students in the DNP program complete a Project.

**Ph.D.:** The intent of the nursing Ph.D. program is to prepare individuals who can assume leadership roles in academia, including the scholarship of teaching, research, and professional service activities. The focus of the program is on nursing scholarship to facilitate the development of new knowledge directed at improving nursing care outcomes for individuals, families, communities and systems. Holistic nursing scholarship as it relates to improving the care of individuals, families, groups and communities experiencing or at risk for health disparities is emphasized. Students in the Ph.D. program complete a dissertation.

Doctoral Admission Criteria: Admission to the Ph.D. and DNP programs is a competitive process and is subject to the general regulations of the Graduate School. Additional requirements include: an MSN from an accredited college or university for the Ph.D. program; a BSN from an accredited program for the BSN to DNP; and an MSN with clinical certification in a nursing specialty area for the MSN to DNP; a graduate level statistics course for both programs (taken within the last five years); three professional letters of recommendation; a letter stating personal goals for graduate education, completion of writing requirement, interview with nursing faculty, resume identifying practice experience; and proof of licensure or eligibility for licensure as a Registered Nurse in any of the 50 United States, the District of Columbia, or U.S. territories. Students in the Ph.D. program complete a Dissertation. Contact the Graduate Advisor for more information (575) 646-7770.

**Post-MSN Specialty Certificates**

Post-MSN certificates for the specialties of Family Nurse Practitioner and Family Psychiatric/Mental Health Nurse Practitioner. Contact the Graduate Advisor for more information (575) 646-7770.

**Degrees for the Department**

Nursing - Bachelor of Science in Nursing (http://catalogs.nmsu.edu/nmsu/health-social-services/nursing/nursing-bachelor-science-nursing)

Nursing Administration - Master of Science in Nursing (http://catalogs.nmsu.edu/nmsu/health-social-services/nursing/nursing-administration-master-science-nursing)

Family Nurse Practitioner - Graduate Certificate (http://catalogs.nmsu.edu/nmsu/health-social-services/nursing/family-nurse-practitioner-graduate-certificate)

Family Psychiatric/Mental Health Nurse Practitioner - Graduate Certificate (http://catalogs.nmsu.edu/nmsu/health-social-services/nursing/family-psychiatric-mental-health-nurse-practitioner-graduate-certificate)

Nursing Practice - Doctor of Nursing Practice (http://catalogs.nmsu.edu/nmsu/health-social-services/nursing/nursing-practice-doctor-nursing-practice)

Nursing - Doctor of Philosophy (http://catalogs.nmsu.edu/nmsu/health-social-services/nursing/nursing-doctor-philosophy)

Alexa Doig, Director of the School of Nursing

**Professors** Keller; **Associate Professors** Reinhardt, Summers; **Assistant Professors** DeBlieck, Lynch, Noe, Morales, Saiki, Smith, Kuchler

C. DeBlieck, DNP (U of Minnesota) – nursing informatics and health care technologies; T. Keller, Ph.D. (St. Louis U) – health care policy, health care and nursing administration, professional issues; S. Lynch, Ph.D. (New Mexico State) – women’s health and family counseling; S. Noe, DNP (New Mexico State) – substance abuse and addictions; A. Reinhardt Ph.D.(OHSU) – administration, leadership, organization, work environments; L. Summers, Ph.D. (UT- Houston) – adolescent health and mental health, telehealth; J. Smith, Ph.D. (UNM)-nursing education, health disparities; M. Morales, Ph.D. (NMSU)-pediatrics, family health; L. Saiki, Ph.D. (UNM)- women’s health, research; E. Kuchler, DNP (NMSU)- public, and community health

**NURS 120. Introduction to Pharmacology**

3 Credits

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. Restricted to Allied Health majors. Restricted to:Community Colleges only.

**NURS 130. Foundations of Pharmacology**

3 Credits

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. Restricted to: NUR majors. Restricted to: Community Colleges only.

**Prerequisite(s):** Admission into the Nursing Program. **Corequisite(s):** NURS 147 & NURS 149.
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. Restricted to: NUR majors. Restricted to: Community Colleges only.
Prerequisite(s): Admission into the Nursing Program.
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. Restricted to: NUR majors. Restricted to: Community Colleges only.
Prerequisite(s): Admission into the Nursing Program.
Corequisite(s): NURS 134, NURS 136 lab & NURS 137 or permission of the Program Director.

NURS 137. Care of Geriatric Patient
3 Credits
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. Restricted to: NURS majors. Restricted to Community Colleges campuses only.
Prerequisite(s): Admission into the nursing program.
Corequisite(s): NURS 134 & NURS 136 or permission of the Program Director.

NURS 140. Pathophysiology for Allied Health Professionals
3 Credits
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.
Prerequisite: a grade of C or better in OEHO 140.

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): NURS153, NURS156, NURS154, NURS157, and NURS210 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. Restricted to: NUR majors. Restricted to Community Colleges campuses only.
Prerequisite(s): Admission into the Nursing Program.
Corequisite(s): NURS 130, NURS 147 lab, & NURS 149, or permission of the Program Director.

NURS 148. Physical Assessment
2 Credits (1+3P)
Introduction of concepts and techniques of interviewing, history taking, review of body systems, and physical assessment of an adult client. The student should be able to apply knowledge of anatomy and physiology, assessment skills, communication skills, cultural awareness, nursing process, critical thinking skills, teaching skills, and psychomotor skills. Restricted to: Community Colleges only.
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. Restricted to: NUR majors. Restricted to: Community Colleges only.
Prerequisite(s): Admission into the Nursing Program.
Corequisite(s): NURS 130, NURS 147, & NURS 149L, or permission of the Program Director.

NURS 150. Medical Terminology
3 Credits
Understanding of the basic elements of medical words. Use of medical abbreviations. Same as OEHO 120 and BOT 150.

NURS 153. Medication and Dosage Calculation
1 Credit
Techniques of dosage calculation for medication and fluid administration. RR applicable.
Prerequisite(s): Meet NMSU basic skills requirement in mathematics or consent of program director.
Corequisite(s): NURS156 and NURS154.

NURS 154. Physical Assessment
2 Credits
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): BIOL 154 or BIOL 225 or consent of program director.
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. Restricted to: NURSING majors. Restricted to Carlsbad campus only.
Prerequisite(s): Consent of Program Director.
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 or consent of program director.
Corequisite(s): NURS 210.

NURS 180. The Adult Client I
8 Credits (4+12P)
Holistic care of the adult client throughout the lifespan, utilizing the nursing process to address personal wellness and acute alterations in wellness in a variety of health care settings. Laboratory and clinical practicum will focus on application of the nursing process in simulated and real world settings. Restricted to: Community Colleges only.
Prerequisite(s): NURS 170, NURS 172, and NURS 173L.
Corequisite(s): NURS 185.

NURS 182. Legal and Ethical Issues in Nursing Practice
2 Credits
Introduction to legal and ethical implications of nursing practice (through the holistic approach to wellness) as a registered nurse. Restricted to: Community Colleges only.

NURS 185. Holistic Approach to Pharmacotherapeutic Intervention I
2 Credits
Level I. Holistic approach to the study of basic pharmacology concepts. Includes pharmacodynamic phases of drug interaction. Nursing process is discussed in relation to medication administration. Special emphasis on the role of the nurse and basic concepts related to specific drug categories. Restricted to: Community Colleges only.
Prerequisite(s): NURS 170, NURS 172, and NURS 173L.
Corequisite(s): NURS 180.

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
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 225 and BIOL 226 or consent of instructor and NURS 153, NURS 154 and NURS 156.
Corequisite(s): NURS 157.

NURS 211. Pharmacological Requisites of Simple Health Deviations
1 Credit
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 225 and BIOL 226 or consent of instructor 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
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 225 and BIOL 226 or consent of instructor, 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. Restricted to: NUR majors. Restricted to: Community Colleges only.
Prerequisite(s): Admission into the Nursing Program.
Corequisite(s): NURS 224 lab, NURS 235, & NURS 236, or permission of the Program Director.

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: prioritization 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. Restricted to: NUR majors. Restricted to: Community Colleges only.
Prerequisite(s): Admission into the Nursing Program.
Corequisite(s): NURS 224, NURS 226 lab, & NURS 235 or permission of the Program Director.

NURS 234. Community Health Nursing
1 Credit
This course provides an introduction to community health, focusing on health care systems, epidemiology, and nursing care of individuals, families and aggregates of varied cultural backgrounds. Primary, secondary, and tertiary prevention are emphasized. Diverse roles of the community health nurse are examined. Educational theories and their applications are explored. Restricted to: Community Colleges only.

NURS 235. Nursing Leadership and Management
1 Credit
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 credits. Restricted to: NUR majors. Restricted to Community Colleges campuses only.
Prerequisite(s): Admission into the Nursing Program.
Corequisite(s): NURS 224,NURS 226 & Clinical Or Permission of the Program Director.
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. Restricted to: NURS majors. Restricted to: Community Colleges only.  
Prerequisite(s): NURS 210, NURS 211, NURS 258.  
Corequisite(s): NURS 212, NURS 260.

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 or consent of program director.  
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, 154, 156, 157, 210, 211, 246, and 258 or consent of program director.  
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: Nursing majors. Restricted to Carlsbad campus only.  
Prerequisite(s): NURS 153, 154, 156, 157, 210, 246, and 258 or consent of program director.  
Corequisite(s): NURS 211, NURS 246.

NURS 260. Management of Patients with Health Deviations  
2 Credits (3)  
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, 154, 156, 157, 210, 211, 246, and 258 or consent of program director.  
Corequisite(s): NURS 212, NURS 256.

NURS 270. The Adult Client II  
5 Credits (2+9P)  
Care of adult clients experiencing chronic, life-threatening, and end-of-life health alterations with emphasis on the geriatric population using a holistic approach to wellness. Nursing process, pathophysiology, pharmacology, diet therapy, and alternative therapies are stressed throughout the course. Clinical component will provide an opportunity to apply the nursing process in both the hospital and community setting. Restricted to: Community Colleges only.  
Prerequisite(s): NURS 170, NURS 172, NURS 173L, NURS 180, and NURS 185.  
Corequisite(s): NURS 285.

NURS 272. Care for the Aging Client  
1 Credit  
Normal physiological changes of aging and nursing implications related to safety and wellness. Restricted to: Community Colleges only. Restricted to NURS majors.

NURS 275. Holistic Approach to Pharmacotherapeutic Interventions II  
2 Credits (2)  
Level II. Holistic approach to the study of basic pharmacology concepts. Includes pharmacodynamic phases of drug interaction. Nursing process is discussed in relation to medication administration. Special emphasis on the role of the nurse and basic concepts related to specific drug categories. Restricted to majors. Community Colleges only.  
Prerequisite: NURS 185.  
Corequisites: NURS 280 and NURS 283.
NURS 280. Women’s Health Issues
4 Credits (2+6P)
Consists of lecture and associated clinical/laboratory experiences that focus on the holistic health concerns for women and the care of families expecting birth. Emphasis placed on the wellness of normal and high-risk women's health, including maternal and newborn care. The nursing process will be utilized to develop caring interventions and effective community communication through teaching healthy strategies. Restricted to: Community Colleges only.
Prerequisite(s): NURS 170 and NURS 180.
Corequisite(s): NURS 275 and NURS 283.

NURS 282 L. Practicum: Management of Client Care
1 Credit
Organization and delivery of wellness care services for groups of clients based on the nursing process. Restricted to: Community Colleges only.
Prerequisite(s): NURS 170, NURS 172, NURS 179L, NURS 180, and NURS 185.
Corequisite(s): NURS 284L.

NURS 283. Pediatric Nursing
4 Credits (2+6P)
Consists of lecture and associated clinical and laboratory experiences which focus on the care of children from infancy through adolescence including acute and chronic health care problems. Employs nursing process, pathophysiology, pharmacology, and diet therapy through the holistic approach to wellness. Restricted to: Community Colleges only.
Prerequisite(s): NURS 170 and NURS 180.
Corequisite(s): NURS 275, NURS 280.

NURS 284 L. Practicum: Preceptorship
3 Credits
Clinical experience in a leadership role in specific practice areas enhancing the transition from student to practitioner utilizing the holistic approach to wellness. Restricted to: Community Colleges only.
Prerequisite(s): NURS 182.
Corequisite(s): NURS 282L.

NURS 285. Holistic Approach to Pharmacotherapeutic Intervention III
1 Credit
Level III. Holistic approach to the study of basic pharmacology concepts. Includes pharmacodynamic phases of drug interaction. Nursing process is discussed in relation to medication administration. Special emphasis on the role of the nurse and basic concepts related to specific drug categories. Restricted to: Community Colleges only.
Prerequisite(s): NURS 185 and NURS 275.
Corequisite(s): NURS 270.

NURS 291. Pathophysiology II
1-3 Credits
A continuation of materials presented in NURS 290, Pathophysiology I, covering the remaining body systems. Restricted to: Community Colleges only.
Prerequisite(s): BIOL 226 or 254 and NURS 290 or consent of program director.

NURS 293. Introduction to Nursing Concepts
3 Credits
This course introduces the nursing student to the concepts of nursing practice and conceptual learning. Same as NMNEC course no.: NMNEC101. Restricted to: BSN,BSNP,BSNR,NURS majors. Restricted to Las Cruces campus only.
Prerequisite(s): Admission to Nursing Program.
Corequisite(s): NURS 294,NURS 362.

NURS 294. Principals of Nursing Practice
4 Credits
This course introduces the nursing student to the application of concepts through clinical skills in seminar, laboratory, and/or clinical settings. Principles of communication, assessments, safety, and interventions including accurate calculation, measurement, and administration of medications will be included. Same as NMNEC course no.: NMNEC102. Restricted to: NURS majors. Restricted to Las Cruces campus only.
Prerequisite(s): Admission to the nursing program.
Corequisite(s): NURS 293,NURS 362.

NURS 300. Principles of Professional Nursing Practice
7 Credits (4+6P)
Focus on the principles, concepts, theories, and terminology central to the study of nursing and its evolution. Uses the nursing process as a framework for providing research-based professional nursing care. Includes clinical component. Restricted to Majors. Restricted to BSN, BSNP, BSNR, NURS majors.

NURS 302. Foundations of Health Assessment
3 Credits (2+2P)
Theoretical basis and skills for biopsychosocial assessment of adults. Includes clinical component. Restricted to BSN, BSNP, BSNR, NURS majors.

NURS 314. Computer Technology for Nurses
3 Credits
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
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
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
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
Concepts of alteration and adaptation in structure and function of the human body across the life span.

NURS 326. Pharmacology in Clinical Nursing Practice
4 Credits
Pharmacological concepts and principles and their implications for nursing practice. Includes techniques of dosage calculation for medication and fluid administration. Restricted to BSN, BSNP, BSNR, NURS majors.

NURS 328. Human Pathophysiology Foundation for Nursing
4 Credits
Human pathophysiology concepts of adaptation and alteration in function and structure across the life span and their implications for nursing practice. Restricted to: BSN, BSNP, BSNR majors.
Prerequisite(s): Grade of C or better in both BIOL 253 and BIOL 254.
Corequisite(s): NURS 362,NURS 293,NURS 294.
NURS 352. Bioterrorism
3 Credits
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
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. Restricted to BSNC majors.

NURS 360. Introduction to Nursing Concepts
3 Credits
This course introduces the nursing student to the concepts of nursing practice and conceptual learning. Same as NMNEC course no.: NMNEC101 Restricted to: NURS majors.
Prerequisite(s): Admission to Nursing Program.
Corequisite(s): NURS 361, NURS 362.

NURS 362. Evidence Based Practice
3 Credits
The focus of this course is the principles of evidence based nursing practice. It includes the identification of clinical practice problems, the evaluation of available evidence, and the integration of evidence with clinical expertise and patient preferences in application to practice. Same as NMNEC course no.: NMNEC103. Restricted to: NURS majors.
Prerequisite(s): Admission to the nursing program.
Corequisite(s): NURS 293, NURS 294.

NURS 372. Adult Health Nursing I
8 Credits (4+8P)
Theoretical basis for select acute and chronic illnesses related to adults is provided, and critical thinking is used to plan nursing care. Includes clinical component.

NURS 373. Nursing the Psychiatric-Mental Health Client
5 Credits (3+4P)
Theoretical and practical knowledge applied to provision of psychiatric-mental health nursing service across the health care continuum. Includes clinical component. Restricted to BSN, BSNR, BSNP, NURS majors.

NURS 375. Introduction to Nursing Research
3 Credits
Introduction to scientific inquiry. Evaluation and utilization of nursing research for clinical practice.
Prerequisite(s): (STAT/A ST 251G, A ST 311, OR STAT 271G) and (NURS 303, NURS 326, and NURS 328) or consent of instructor. Restricted to BSN, BSNR, BSNP, NURS majors.

NURS 376. Research and Evidence-Based Practice for the Practicing RN
3 Credits
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 377. Health and Illness Concepts I
3 Credits
This course will focus on health and illness concepts across the lifespan. Concepts covered are related to homeostasis/regulation, sexuality/reproductive, protection/movement and emotional processes. Same as NMNEC course no.: NMNEC201 Restricted to: NURS majors.
Prerequisite(s): NURS 294, NURS 293 & NURS 362.
Corequisite(s): NURS 378, NURS 379, NURS 380.

NURS 378. Health Care Participant
3 Credits
This course introduces the nursing student to the attributes of the health care participant as an individual, a family, or a community. Same as NMNEC course no.: NMNEC202. Restricted to: NURS majors.
Prerequisite(s): NURS 293, NURS 294 & NURS 362.
Corequisite(s): NURS 377, NURS 379, NURS 380.

NURS 379. Nursing Pharmacology
3 Credits
This course introduces the nursing student to pharmacologic nursing practice from a conceptual approach. Same as NMNEC course no.: NMNEC203. Restricted to: BSN, BSNP, BSNR, NURS majors.
Prerequisite(s): BIO 253 & BIO 254 OR SPM 371 OR BIO 225 & Bio 226.
Corequisite(s): NURS 328.

NURS 380. Assessment and Health Promotion
4 Credits
This course introduces the nursing student to the assessment of and the health promotion for the health care participant as an individual, a family, or a community. This course uses seminar, laboratory and/or clinical settings. Same as NMNEC course no.: NMNEC204. Restricted to: NURS majors.
Prerequisite(s): NURS 293, NURS 294, NURS 362.
Corequisite(s): NURS 377, NURS 379, NURS 380.

NURS 395. Health and Illness Concepts II
3 Credits
This course will cover health and illness concepts across the lifespan. Concepts covered are related to oxygenation and hemostasis, homeostasis and regulation, protection and movement, and cognitive and behavioral processes. Same as NMNEC course no.: NMNEC301. Restricted to: BSN, BSNP, BSNR, NURS majors.
Prerequisite(s): NURS 328, NURS 377, NURS 378, NURS 379, NURS 380.
Corequisite(s): NURS 396, NURS 398.

NURS 396. Professional Nursing Concepts I
3 Credits
This course covers foundational concepts for professional development, including selected professional attributes and care competencies. Same as NMNEC course no.: NMNEC302. Restricted to: BSN, BSNP, BSNR, NURS majors.
Prerequisite(s): NURS 328, NURS 377, NURS 378, NURS 379, NURS 380.

NURS 397. Special Topics
1-9 Credits (1-9)
Specific subjects to be announced in the Schedule of Classes. May be repeated for at total of 21 credits.
Nursing 466. Health and Illness Concepts III
4 Credits
This course will cover health and illness concepts across the lifespan. Concepts covered are related to hemostasis/regulation, oxygenation/homeostasis, protection/movement, and emotional processes. Same as NMNEC course no.: NMNEC401. Restricted to: BSN, BSNP, BSNR, NURS majors.
Prerequisite(s): NURS 360, NURS 361, NURS 362.
Corequisite(s): NURS 467, NURS 468.

NURS 467. Clinical Intensive I
4 Credits
This is the first of two Level Four clinical courses in which the student will apply the curricular concepts in the management of care participants with acute conditions across the lifespan. This course is a combination of seminar, lab, and clinical. Same as NMNEC course no.: NMNEC402. Restricted to: BSN, BSNP, BSNR, NURS majors.
Prerequisite(s): NURS 395, NURS 396, NURS 398.
Corequisite(s): NURS 466, NURS 468.

NURS 468. Clinical Intensive II
4 Credits
This is the second of two Level Four clinical courses in which the student will apply the curricular concepts in the management of care participants with acute conditions across the lifespan. This course is a combination of seminar, lab, and clinical. Same as NMNEC course no.: NMNEC404. Restricted to: BSN, BSNP, BSNR, NURS majors.
Prerequisite(s): NURS 395, NURS 396, NURS 398.
Corequisite(s): NURS 466, NURS 467.

NURS 470. Nursing Organization and Management
3 Credits
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 475. Issues and Trends in Professional Nursing
3 Credits
Explores the challenges associated with issues and trends in health care and the legal and ethical implications of professional nursing practice.

NURS 477. Nursing Organization and Management for the R.N.
3 Credits
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 486. Concept Synthesis
3 Credits
This course will focus on the synthesis of curricular concepts in the care of complex patients. Same as NMNEC course no.: NMNEC501. Restricted to: BSN, BSNP, BSNR, NURS majors.
Prerequisite(s): NURS 466, NURS 467, NURS 468.
Corequisite(s): NURS 487, NURS 488, NURS 489.

NURS 487. Professional Nursing Concepts II
3 Credits
This course covers policy concepts for professional nursing. Same as NMNEC course no.: NMNEC502. Restricted to: BSN, BSNP, BSNR, NURS majors.
Prerequisite(s): NURS 466, NURS 467, NURS 468.
NURS 488. Clinical Intensive III
4 Credits
The focus of this clinical course is application of the curricular concepts in the management of care participants with complex conditions across the lifespan. This course is a combination of seminar, lab, and clinical. Same as NMNEC course no.: NMNEC503. Restricted to: BSN,BSNP,BSNR,NURS majors.
Prerequisite(s): NURS 466, NURS 467, NURS 468.
Corequisite(s): NURS 486,NURS 487,NURS 489.

NURS 489. Capstone
4 Credits
The synthesis, integration, and application of concepts to professional nursing practice will be applied in the final clinical course to ensure readiness to enter practice. Same as NMNEC course no.: NMNEC504. Restricted to: BSN,BSNP,BSNR,NURS majors.
Prerequisite(s): Successful completion of all previous nursing courses.
Corequisite(s): NURS 486,NURS 487,NURS 488.

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

NURS 500. Applied Statistics for Evidence-Based Practice
3 Credits
Provides the logic and appropriate use of statistical techniques most commonly used. Emphasis is based on underlying logic of procedure, the appropriate use of underlying assumptions of procedures, interpretation of results from statistical software and evaluation of published results of the procedures. Statistical software will be used. Restricted to: NURP majors.
Prerequisite(s): Admission to DNP Program.

NURS 505. Theoretical Foundations of Advanced Nursing
3 Credits
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.
Prerequisite(s)/Corequisite(s): 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
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. Nursing Research in Evidence-Based Practice
3 Credits
This course is designed to prepare advanced practice nurses with the skills and knowledge needed to critically analyze and synthesize scholarly evidence to promote high quality evidence-based practice.
Prerequisite(s)/Corequisite(s): Students must be enrolled in the graduate program in nursing or have the permission of advisor and faculty to enroll in the course. Restricted to: NURS, NUSC, NURP majors.

NURS 511. Advanced Pathophysiology for Clinical Nursing
3 Credits
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
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
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 518. Genetics and Health
2 Credits
Assess the impact of emerging genetic technologies on healthcare at the individual, system and population level. Restricted to DNP majors.
Prerequisite(s): Admission to DNP Program.

NURS 530. Promoting Health Behavior
3 Credits
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 540. Advanced Psychosocial Pathology for Family, Psychiatric-Mental Health Nursing
3 Credits
In-depth study of psychosocial pathology, factors contributing to psychosocial dysfunction, and diagnostic reasoning basic to advanced-practice psychiatric mental health nursing; emphasis on etiology and differential diagnoses. Restricted to: NURS majors.
Prerequisite(s): Admission to the DNP Program.

NURS 562. Innovations and Health Care Organizations
3 Credits
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
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
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. Restricted to: NURS majors.
Prerequisite(s): NURS 562.

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 in 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
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: NURS 595.

NURS 567. Nursing Informatics
3 Credits
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
Concepts and principles of the pharmacology of psychoactive substances and the addiction process; including the pharmacological approach to treatment. Restricted to: NURS majors.

NURS 573. Cardiovascular/Renal Nursing
3 Credits
This course emphasizes the comprehensive management of individuals with acute and chronic cardiovascular/renal diseases within the context of family and communities using a case-based approach.
Prerequisite(s): Graduate status or permission of instructor.

NURS 574. Oncology Nursing
3 Credits
This course presents the clinical aspects of cancer diagnosis, the clinical management of major cancers, and their treatment modalities. The course will also focus on supportive therapies for the cancer patient and symptom management.
Prerequisite(s): Graduate status or permission of instructor.

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 591. Preceptorship: Prescription Drugs, Medicines and Other Therapeutics
1-11 Credits (4+44P)
The course provides preceptored clinical experiences that provide advanced practice nursing students opportunities for practice and mastery of skills for management of culturally diverse patients within their designated specialty area to include prescribing drugs, medicines and other therapeutics, as well as monitoring the effects of the prescribed management. It requires the student to demonstrate integration, synthesis and application of assessment, diagnosis and management to include health promotion of patients with acute and/or stable chronic health conditions. Graded: S/U. Restricted to MSN majors.
Prerequisite(s): NURS 542 or NURS 530 or NURS 521.

NURS 595. Advanced Field Work in Nursing
1-6 Credits (4+24P)
Faculty-supervised, independent work in student's advanced practice role. Field work normally taken after the core and designated specialty courses. Minimum of three field-work credits (12 contact hours) required in major area of study. May be repeated for a maximum of 12 credits. Restricted to majors. Graded S/U.
Prerequisites: NURS 532 and NURS 561.

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 600. Philosophy of Science in Nursing
3 Credits
Offers a framework for asking both ontological and epistemological questions about knowledge, human science, and nursing science.

NURS 601. Theory I: Methods and Processes of Nursing Knowledge Development
3 Credits
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 Development
3 Credits
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
Focus on approaches to developing nursing knowledge by means of quantitative research methods as applied to clinical problems, theoretical modeling of human responses 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
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 608. Field Methods in Qualitative Research
3 Credits
The purpose of this course is to provide opportunities for students to engage in, analyze and evaluate various procedures and techniques used to gather qualitative data. Major data collection approaches including ethnography, phenomenology, grounded and critical theory are discussed. Students have the opportunity to participate in mini-field work projects while gathering expertise in field techniques used in qualitative research. Issues such as role of literature in qualitative research, investigator as instrument, ethical dilemmas, field entry and departure, and reflexivity are analyzed as they relate to the process of gathering and interpreting qualitative data.
Prerequisites: NURS 607 or consent of instructor.

NURS 610. Nursing Education: Pedagogy and Roles
3 Credits
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
This course provides knowledge, skills and practice in collecting, analyzing and interpreting data. The following quantitative 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.

NURS 621. Advanced Health Care Statistics II
3 Credits
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
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
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
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
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
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  
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. Applied Nursing Science for the APN**  
3 Credits  
Explores the philosophical and scientific underpinnings for nursing knowledge relevant to the role of the doctorate of nursing practice. Restricted to: NURS, NUSC, NURP majors.  
Prerequisite(s): NURS 507.

**NURS 652. Translational Methods and Evidence-Based Practice**  
3 Credits  
Designed to prepare DNP student to demonstrate advanced levels of clinical judgment, systems thinking, and accountability in design, delivery, and evaluating evidence based on care to improve patient outcomes. Translate evidence into their specialty practice environment. Restricted to: NURS, NUSC, NURP majors.  
Prerequisite(s): NURS 651.

**NURS 658. The Aging Adult**  
3 Credits  
This course focuses on the care and management of older adults and their families. Content is directed at assessment and management of acute and chronic presentations of illness and complex, multiple health problems across the health care continuum. It will include examination of the psycho-socio-cultural processes which influence the behavioral patterns, coping, and adaptation of older adults. Restricted to DNP majors.  
Prerequisite(s): Admission to DNP program.

**NURS 659. Addictive Disorders**  
4 Credits  
Focus on care of the individual with addictive disorders. The impact on the individual as well as the community will be examined. Advanced practice nursing interventions based on theoretical and research based knowledge of addictions will be addressed. The pharmacology of psychoactive substances, the addiction process, and pharmacological approach to treatment will be included. Treatment of addictive disorders and their relevance to culturally diverse clientele with a variety of lifestyles will be evaluated. Restricted to: NURP majors.  
Prerequisite(s): Admission to DNP program.

**NURS 660. Family, Psychiatric Mental Health Nursing I**  
7 Credits (3+16P)  
This course provides the family psychiatric nurse practitioner student with advanced theoretical knowledge and practice in individual therapies, comprehensive psychiatric evaluation, personality development concepts, dual diagnoses and psychotherapy principles; including management of health promotion, health maintenance and disease prevention activities. Emphasis will be placed on individuals across the lifespan in a multicultural environment. Restricted to: NURP, NUSC, NURS majors.  
Prerequisite(s): NURS 511, NURS 512, NURS 515.

**NURS 662. Family, Psychiatric-Mental Health Nursing II**  
3-7 Credits (3+1-4P)  
This course provides further knowledge and skills for the family psychiatric nurse practitioner student in the conceptual framework and practice of psychotherapy in a variety of settings. Emphasis is placed on work with individuals and families and groups across the lifespan in a multicultural environment to help manage their acute and chronic mental illnesses, including, dual diagnosis, psychopathology and psychopharmacology. Advanced practice nurses in the certificate program will have varying hours of credit. May be repeated up to 7 credits. Restricted to: NURS, NUSC, NURP majors.  
Prerequisite(s): NURS 660.

**NURS 664. Family, Psychiatric Mental Health Nursing III**  
5 Credits (1+4P)  
This course provides further knowledge and skills for the family psychiatric nurse practitioner student to refine competencies in neuropsychology, assessment, diagnosis and treatment. Emphasis will be placed on individuals, families and groups across the lifespan in a multicultural environment. May be repeated up to 5 credits. Restricted to: NURS, NUSC, NURP majors.  
Prerequisite(s): NURS 662.

**NURS 670. Diagnostic Reasoning**  
3 Credits (2+4P)  
This course is designed to develop advanced knowledge of differential diagnosis based upon physical and mental assessment of clients/patients across the lifespan in a variety of clinical settings. Students apply, synthesize, and integrate advanced clinical problem solving and reasoning to determine differential nursing and medical diagnoses, interpret and apply laboratory and diagnostic techniques to determine a final judgment and diagnosis. Restricted to DNP majors.

**NURS 671. Primary Care I**  
7 Credits (3+16P)  
This course provides the nurse practitioner student with advanced theoretical knowledge and practice in the assessment and management of health promotion, health maintenance and disease prevention activities across the lifespan; including the assessment and management of common acute and chronic health concerns. Emphasis will be placed on primary health care of individuals and their families in a multicultural environment. Restricted to: NURS, NURP, NUSC majors.  
Prerequisite(s): NURS 511, NURS 512, NURS 515.

**NURS 672. Primary Care II**  
3-7 Credits (3+1-4P)  
The course continues the development of knowledge and skills for the nurse practitioner student for the assessment and management of selected common acute and chronic health conditions across the lifespan. Emphasis will be placed on primary health care of individuals and their families in a multicultural environment. Advanced practice nurses in the certificate program will have varying hours of credit. May be repeated up to 7 credits. Restricted to: NURP, NURS, NUSC majors.  
Prerequisite(s): NURS 671.

**NURS 673. Primary Care III**  
5 Credits (1+4P)  
The course continues the development of knowledge and skills for the nurse practitioner student with special attention to complex and chronic health conditions across the lifespan and business, legal, and ethical issues in primary care. Variable clinical credits, 1-4. May be repeated up to 5 credits. Restricted to: NURS, NUSC, NURP majors.  
Prerequisite(s): NURS 672.
NURS 676. Women's Health  
3 Credits  
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 671, NURS 672, NURS 673, NURS 660, NURS 662, NURS 664.

NURS 684. Lifestyle Change and Adherence Issues with Diverse Populations  
3 Credits  
Includes the critical examination of selected theories of health behavior on life style choices and adherence issues with diverse populations within the community setting. Emphasis is given to the analysis of health behavior in regard to planning, development, and evaluation of population based health programs. Restricted to DNP majors.

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 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  
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 Clinical Immersion  
1-4 Credits (1-4)  
Capstone 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. May be repeated up to 4 credits. Restricted to: NURP majors. 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. 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

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