Undergraduate Program Information

NMSU’s School of Nursing offers a Bachelor of Science in Nursing (BSN) 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 of 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 BSN 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 to take the National Council Licensure 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 BSN Program Admission

Requirements and procedures to follow for admission to the four-year BSN program are as follows:

1. Obtain admission to NMSU as a regular student.
2. Contact the pre-nursing advisor in the Center for Academic Advising and Student Support for pre-nursing information. Contact the Nursing Advisors at the School of Nursing for application for the program, HESI Admissions Exam, RN-BSN program, 2nd degree students, Military students, and nursing specific questions.
3. Satisfy NMSU basic academic competency requirements in English and Math.
4. Complete prerequisite coursework before final admission to the nursing major. Official transcripts for courses completed elsewhere must be received prior to application.
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. Prelicensure 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 the 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. Applications are considered incomplete if all transcripts are not received by due date.
2. Contact the Nursing advisors at the School of Nursing 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 by February 1st, 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. HESI Admissions Exams must be completed and passed successfully before application to either 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 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 Nursing Administration at NMSU. This degree is designed to provide students with the knowledge and experience to assume leadership roles in a variety of health care delivery systems.

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 a nationally accredited college or university; successful completion of an inferential statistics course within the last 5 years; three professional letters of recommendation; official transcripts; 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 the Graduate School. 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 conditional admission on an individual basis.

DNP: The Doctorate in Nursing Practice (DNP) prepares registered nurses to assume advanced nursing practice roles within the health care arena in the areas of the 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 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 final comprehensive project.

PhD: The intent of the nursing PhD program is to prepare individuals who can assume leadership roles in academia, to support scholarship in teaching, research, and professional service activities. The focus of the program is on nursing scholarship that promote 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 PhD program complete a dissertation.

Doctoral Admission Criteria: Admission to the PhD 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 PhD program; a BSN from a nationally 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); official transcripts; 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 PhD program complete a Dissertation. Contact the Nursing Graduate Advisor for more information (575) 646-7770.

Post-MSN Specialty Certificates

Post-MSN certificates for the specialties of Family Nurse Practitioner and Psychiatric/Mental Health Nurse Practitioner. Contact the Nursing 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)

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 Doig,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; A. Doig, PhD (U of Utah)-pathophysiology, research methods, and oncology; T. Keller, PhD (St. Louis U) – health care policy, health care and nursing administration, professional issues; S. Lynch, PhD (NMSU)– women’s health and family counseling; S. Noe, DNP (NMSU) – substance abuse and addictions; A. Reinhardt PhD (OHSU) – administration, leadership, organization, work environments; L. Summers, PhD (UT-Houston)– adolescent health and mental health, telehealth; J. Smith, PhD (UNM)-nursing education, health disparities; M. Morales, PhD (NMSU)- pediatrics, family health; L. Saiki, PhD (UNM)- women’s health, research; E. Kuchler, DNP (NMSU)- public, and community health

Nursing Courses

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,BSNBSRN,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 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, 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, 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, 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, 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, BSNR majors. 
**Prerequisite(s):** BIO 253 & BIO 254 OR SPM 271 & 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 378,NURS 379.

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,BSNPBSNR,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,BSNPBSNR,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.

NURS 398. Care of Patients with Chronic Conditions
4 Credits
The focus of this course is to provide safe, evidence-based nursing care for patients with chronic conditions, across the lifespan in a variety of settings. This course builds upon curricular concepts. This course is a combination of lab and clinical. Same as NMNEC course no.: NMNEC303. Restricted to: BSN,BSNPBSNR,NURS majors.
Prerequisite(s): NURS 328, NURS 377, NURS 378, NURS 379, NURS 380.

NURS 390. Community Health Nursing for the R.N.: Clinical
3 Credits
Nursing process applied to the care of families, groups, and communities.

NURS 426. Community Health Nursing for the R.N.: Clinical
3 Credits
Nursing process applied to the care of families, groups, and communities.

NURS 460. Strategies for Student Success
3 Credits
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 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,BSNPBSNR,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,BSNPBSNR,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,BSNPBSNR,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 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
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
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  
Course covers nursing organization, leadership, and management principles, theories, and research for the practicing RN. Restricted to BSN 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: NURS 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 508. Professional Nursing Concepts I  
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 509. Advanced 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: NURS 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. 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 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 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 595. Advanced Field Work in Nursing
3 Credits
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. May be repeated up to 12 credits. Restricted to: NURS majors. S/U Grading (S/U, Audit).
Prerequisite(s): NURS 565.

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  
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 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: 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  
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
6 Credits (3+1-3P)
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. Advanced practice nurses in the certificate program will have varied clinical credit hours to complete. May be repeated up to 6 credits. Restricted to: NURP,NURS,NUSC majors.
Prerequisite(s): NURS 511, NURS 512, NURS 515.

NURS 662. Family, Psychiatric-Mental Health Nursing II
5-7 Credits (3+2-4P)
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. Advanced practice nurses in the certificate program will have varied clinical credit hours to complete. May be repeated up to 7 credits. Restricted to: NURP,NURS,NUSC majors.
Prerequisite(s): NURS 660.

NURS 664. Family, Psychiatric Mental Health Nursing III
5 Credits (1+3-4P)
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. Advanced practice nurses in the certificate program will have varied clinical credit hours to complete. May be repeated up to 5 credits. Restricted to: NURP,NURS,NUSC 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
6 Credits (3+1-3P)
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. Advanced practice nurses in the certificate program will have varied clinical credit hours to complete. May be repeated up to 6 credits. Restricted to: NURP,NURS,NUSC majors.
Prerequisite(s): NURS 511, NURS 512, NURS 515.

NURS 672. Primary Care II
5-7 Credits (3+2-4P)
The course continues the development of knowledge and skills for the nurse practitioner student for the assessment and management of selected common (variable clinical credit for certificate program students)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+3-4P)
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 varied clinical credit
hours to complete. May be repeated up to 5 credits. Restricted to:
NURP, NURS, NUSC 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
pharmacotherapy 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 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. S/U Grading
(S/U, Audit).
Prerequisite(s): NURS 611, 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
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.

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