GRADUATE NURSING (GRNS)

Courses

**GRNS 300. Professional Nursing Issues. 2 Credits.**
Issues affecting nursing practice provide framework for examination of and socialization into professional nursing. The historical, legal, ethical, cultural, structural, and economic aspects of nursing practice will be explored. Prerequisite: Admission to DEPN program. Co-requisites: GRNS 301, GRNS 302, GRNS 303. Pre/Co-requisite: GRNS 313.

**GRNS 301. Pharmacology. 3 Credits.**
Pharmacology and pharmacotherapeutics will be applied to nursing practice with a focus on pharmacodynamics, pharmacokinetics, indications, adverse effect, drug interactions, safe administration and patient education. Prerequisite: Admission to DEPN program. Co-requisites: GRNS 300, GRNS 302, GRNS 303. Pre/Co-requisite: GRNS 313.

**GRNS 302. Sci of Nsg: Adults & Elders I. 3 Credits.**
Identification and treatment of human responses to pathophysiological problems in adults with acute, chronic, or terminal conditions, with principles of general acute nursing practice emphasized. Prerequisite: Admission to DEPN program. Co-requisites: GRNS 300, GRNS 301, GRNS 303. Pre/Co-requisite: GRNS 313.

**GRNS 303. Practicum: Adults & Elders I. 4 Credits.**
An initial experience in the nursing lab will be followed with a supervised clinical nursing practicum of adults with acute, chronic, or terminal conditions. Prerequisite: Admission to the DEPN program. Co-requisites: GRNS 300, GRNS 301, GRNS 302. Pre/Co-requisite: GRNS 313.

**GRNS 304. Practicum: Adults & Elders II. 1.25 Credit.**
80 hour supervised clinical nursing practicum provides an immersion experience in the medical/surgical acute care setting. Prerequisites: GRNS 300, GRNS 301, GRNS 302, GRNS 303, GRNS 313.

**GRNS 305. Practicum: Cmplx Nsg Care. 2.5 Credits.**
Precepted clinical practice in adult acute care. Students will focus on an area in which more depth is desired. Prerequisite: GRNS 304. Co-requisites: GRNS 306, GRNS 308, GRNS 309, GRNS 310, GRNS 312.

**GRNS 306. Sci of Nsg: Mental Health. 3 Credits.**

**GRNS 307. Practicum: Mental Health. 1.25 Credit.**
Faculty guide students in clinical settings to maximize exposure to all aspects of the nursing process with adults having selected psychiatric/mental health problems. Prerequisite: GRNS 305. Pre/Co-requisite: GRNS 306.

**GRNS 308. Sci of Nsg: Women & Newborns. 2 Credits.**
Focus on healthy maternal-newborn care, and promotion of wellness and family integrity during transition within a family-centered framework. Prerequisite: GRNS 304. Co-requisites: GRNS 305, GRNS 306, GRNS 309, GRNS 310, GRNS 312.

**GRNS 309. Practicum: Women & Newborns. 1.25 Credit.**
Attention is focused on provision of nursing care to the expectant, laboring, or post-partum mother and to the newborn infant. Prerequisite: GRNS 304. Pre/Co-requisite: GRNS 308.

**GRNS 310. Science of Nursing: Children. 3 Credits.**

**GRNS 311. Practicum: Children. 1.25 Credit.**
Faculty guide students in clinical settings to maximize exposure to all aspects of the nursing process with children having selected pathophysiological problems. Prerequisite: GRNS 310. Pre/Co-requisites: GRNS 307, GRNS 314, GRNS 315.

**GRNS 312. Sci of Nsg: Adults & Elders II. 2 Credits.**

**GRNS 313. Pathophysiology. 3 Credits.**
Provides a comprehensive foundation in pathophysiology. Examines the phenomena that result in dysfunction in human physiologic response within a holistic context across the lifespan. Prerequisites: ANPS 019, ANPS 020 or equivalent, MMG 065 or BMT 054 or equivalent, NFS 043 or equivalent. Co-requisites: GRNS 300, GRNS 301, GRNS 302, GRNS 303.

**GRNS 314. Public Health Nursing. 2 Credits.**
Emphasis on the epidemiological and biostatistical indicators of population health, methods of community health analysis, structure and function of federal, state and local health organizations. Prerequisites: GRNS 310, GRNS 311, GRNS 312. Co-requisite: GRNS 315.

**GRNS 315. Practicum: Public Health Nurs. 2 Credits.**
Statewide population-focused public health nursing experience involving needs assessment, program development, case management, health promotion, disease prevention, and protection strategies, with opportunities for interdisciplinary collaboration. Prerequisites: GRNS 311, GRNS 312. Co-requisite: GRNS 314.

**GRNS 321. Professional Role Development. 3 Credits.**
Examination of role development in advanced generalist and advanced nursing practice; including the development of competencies, licensing, and other specialized roles in nursing.
GRNS 322. Org, Deliv & Finance Hlth Care. 3 Credits.
Structure, organization, financing, and delivery of health care through complex systems in the United States. Focus on economic, social, ethical, political, and global structures. Prerequisite: Registered nurse licensure or matriculated graduate nursing student.

GRNS 323. Methods Evid-Based Practice. 3 Credits.
This course prepares students for translation of research into clinical practice through the development of advanced foundational competencies of inquiry, critique, and formulation of evidence-based solutions. Prerequisite: Graduate standing.

GRNS 324. Theoretical Foundation Nsg Sci. 3 Credits.
Exploration of philosophy of science, theory, and development of nursing knowledge. Nursing and non-nursing philosophies and theories relevant to advanced nursing practice will be discussed. Prerequisites: Graduate standing or by faculty permission.

GRNS 325. Genetics for Clinicians. 3 Credits.
This course provides an overview of contemporary human genetics and genomics with application to clinical practice. Prerequisite: Graduate standing. Cross-listed with: PATH 325.

GRNS 326. Hlth Care Eth,Policy,Politics. 3 Credits.
Examination of the processes of policy analysis and development with focus on advocacy. Prerequisite: Registered nurse licensure or matriculated graduate nursing student.

GRNS 327. Adv Topics in Hlth Informatics. 3 Credits.
This course provides an overview of informatics, the transformation of data into information, knowledge, decisions and actions to improve outcomes. This course offers the student an opportunity to study advanced topics in health informatics. Pre/Co-requisites: GRNS 322, GRNS 400.

GRNS 328. Quality in Healthcare. 3 Credits.
Introduces students to the principles and practices of health care quality and quality improvement. Principles in the design and management of continual improvement activities will be presented and applied. Prerequisite: Graduate standing.

GRNS 335. Adv Pathophysiology. 3 Credits.
In-depth examination of the biological and physical manifestations of disease as they correlate with pathophysiology to guide clinical decision making of the APRN and CNL. Prerequisites: RN license or completion of DEPN. Pre/Co-requisite: GRNS 404.

GRNS 336. Adv Pharmacology CNL. 2 Credits.
This course will provide an in-depth examination of the pharmacotherapeutics and pharmacodynamics of selected drugs used to manage common health conditions across the lifespan. This course is the first of a two-course sequence in pharmacotherapeutics for clinical nurse leaders. Pre/Co-requisite: GRNS 335.

GRNS 337. Adv Neuropharmacology CNL. 2 Credits.
An in depth examination of the pharmacokinetics and pharmacodynamics of drugs used to treat individuals with acute and chronic pain, neurologic, and psychiatric disorders across the lifespan. This course is part of a two-course sequence for clinical nurse leaders. Prerequisites: GRNS 335, GRNS 336.

GRNS 338. Adv Hlth Assessment CNL. 2 Credits.
History taking and advanced physical examination of children and adults. Symptom analysis will provide direction for focused examinations. Prerequisite: Undergraduate physical assessment course; Pre/Co-requisite: GRNS 335.

GRNS 339. CNL Project & Seminar I. 1 Credit.
This seminar provides structure for the development of the Clinical Nurse Leader Project. Prerequisites: GRNS 321, GRNS 322, GRNS 323, GRNS 335, GRNS 336, GRNS 338. Pre/Co-requisites: GRNS 322, GRNS 337.

GRNS 340. Clinical Practicum for the CNL. 1.5 Credits.
This seminar provides an overview of the role of the Clinical Nurse Leader as a change agent at the point of care. Prerequisites: GRNS 321, GRNS 323, GRNS 324, GRNS 336, GRNS 337, GRNS 338, GRNS 339. Pre/co-requisite: GRNS 324.

GRNS 341. CNL Project & Seminar II. 2 Credits.
This seminar supports student learning during the clinical immersion practicum. Prerequisites: GRNS 339, GRNS 340. Pre/Co-requisites: GRNS 322, GRNS 323, GRNS 324, GRNS 325, GRNS 326, GRNS 342.

GRNS 342. Clinical Immersion Practicum. 2.5 Credits.
This synthesis practice experience is designed to strengthen student's point of care leadership. Prerequisites: GRNS 321, GRNS 322, GRNS 323, GRNS 324, GRNS 326, GRNS 336, GRNS 337, and GRNS 338. Pre/Co-requisites: GRNS 340, GRNS 341.

GRNS 380. Intrdsc Sem Neurodev Disabil I. 3 Credits.
Seminar exploring interdisciplinary process, collaborative teaming, cultural competence and family-centered care as they relate to children and families affected by neurodevelopmental and related disabilities. Prerequisite: Instructor permission. Cross-listed with: CSD 311.

GRNS 381. Intrdsc Sem Neurodev Disabil 2. 3 Credits.
Seminar exploring interdisciplinary process, collaborative teaching, cultural competence and family-centered care as they relate to children and families affected by neurodevelopmental and related disabilities. Prerequisite: Instructor permission. Cross-listed with: CSD 312.

GRNS 390. Master's Project. 1-3 Credits.
Self-designed clinical paper or innovative production pertinent to advanced nursing practice. Prerequisites: GRNS 321, GRNS 322, GRNS 323, GRNS 324; approval of project committee. Pre/Co-requisite: Comprehensive Exam (completed prior to project presentation).

GRNS 391. Master's Thesis Research. 1-6 Credits.
Prerequisites: GRNS 321, GRNS 322, GRNS 323, GRNS 324; approval of thesis committee. Pre/Co-requisite: Comprehensive Exam (completed prior to thesis defense).
GRNS 392. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

GRNS 395. Independent Study. 1-6 Credits.
Individual work in graduate nursing with a base of theory, research, or advanced practice. Student in consultation with faculty sponsor devises objectives, plan of work, and evaluation for designated credit hours. Graduate nursing faculty as selected by student. Prerequisite: Permission of academic advisor and sponsoring faculty.

GRNS 396. Advanced Special Topics. 1-18 Credits.
Topics of interest to graduate nursing which are based on theory, research or advanced practice. Course content will deal with topics beyond the scope of existing formal courses or thesis research. Prerequisite: Instructor permission.

GRNS 400. Population-Based Hlth for APN. 3 Credits.
The role of advanced practitioners in the care of populations with an emphasis on the U. S. health care system. Prerequisite: Graduate standing.

GRNS 401. Leadership of HlthCare Systems. 3 Credits.
Planning and implementation of programs, projects or systems of health care delivery. Prerequisite: GRNS 322.

GRNS 404. Adv Pharmacology APRN. 3 Credits.
In-depth examination of the pharmacokinetics and pharmacodynamics of select drugs for acute and chronic health conditions. Ethical and legal standards of prescriptive authority explored. Pre/co-requisite: GRNS 335.

GRNS 405. Adv Neuropsychopharmacology. 3 Credits.
In-depth examination of the pharmacokinetics and pharmacodynamics of drugs used to treat individuals with acute and chronic pain, neuroligic and psychiatric illnesses across the lifespan. Prerequisites: GRNS 335, GRNS 404.

GRNS 406. Adv Hlth Assessment APRN. 3 Credits.
Development of advanced knowledge and skills in systematic collection, organization, interpretation, and communication of data necessary for formulation of nursing and medical diagnoses. Lab fee required. Prerequisite: Basic physical examination course. Pre/co-requisite: GRNS 335.

GRNS 407. Opt Hlth & Mgt Com Hlth Issues. 2 Credits.
Assessment and optimization of health of adolescents and adults. Diagnostic reasoning and management of common acute health conditions. Prerequisites: GRNS 335, GRNS 404, GRNS 406. Co-requisites: GRNS 405, GRNS 408.

GRNS 408. Pract:Opt Hlth & Mgt Com Hlt Iss. 1 Credit.

GRNS 409. Pediatric Concepts APRN. 3 Credits.
APN care to children and their families with an emphasis on the developmental, psychosocial, cultural, ethical, and spiritual needs of children and families. Pre/co-requisites: GRNS 405, GRNS 407, GRNS 408.

GRNS 410. Primary Care Mgmt Child & Adol. 3 Credits.
Application in a clinical setting(s): assessment, evaluation, diagnostic reasoning, and management of common episodic and chronic health conditions in provision of primary care to children and adolescents. Prerequisites: GRNS 405, GRNS 407, GRNS 408, GRNS 409. Co-requisite: GRNS 411.

GRNS 411. Pract: Child & Adolescents. 1 Credit.
Application in a clinical setting(s): assessment, evaluation, diagnostic reasoning, and management of common episodic and chronic health conditions in provision of primary care to children and adolescents. Prerequisites: GRNS 405, GRNS 407, GRNS 408, GRNS 409. Co-requisite: GRNS 410.

GRNS 412. Adv Nsg Prac of Older Adult. 3 Credits.
Focus on health and disease and associated care and treatment of older persons by the advanced practice nurse. Prerequisites: GRNS 335, GRNS 404, GRNS 406, GRNS 407, GRNS 408. Pre/co-requisite: GRNS 405.

GRNS 413. Practicum: Nursing Older Adult. 0.5 Credits.
Practice assessment and care coordination skills in a practicum working with older adults in a variety of settings. Prerequisites: GRNS 407, GRNS 408. Co-requisite: GRNS 412.

GRNS 414. Prim Care Acute & Comm Hlth Cond. 3 Credits.
Focus will be on the assessment, evaluation and management of common episodic conditions in primary care FNP & AGNP. Prerequisites: GRNS 407, GRNS 408, GRNS 417, GRNS 418. Co-requisite: GRNS 415.

GRNS 415. Pract: Acute & Common Cond AGNP. 1 Credit.
Practicum experience for assessment, evaluation and management of common episodic conditions in primary care AGNP. Prerequisites: GRNS 407, GRNS 408, GRNS 417, GRNS 418. Co-requisite: GRNS 414.

GRNS 416. Pract:Acute & Common Cond FNP. 1 Credit.

GRNS 417. Mgt Women Gendered Hlth Care. 2.25 Credits.
Advanced nursing practice focusing on the assessment, diagnosis, management, and evaluation of acute and chronic health conditions commonly encountered in the area of women's health. Prerequisites: GRNS 407, GRNS 408, GRNS 410. Co-requisite: GRNS 418.
GRNS 418. Pract: Women Gender Specialty. 0.75 Credits.

GRNS 419. Prim Care Chron/Cmplx Hth Cond. 3 Credits.
Focuses on the refinement diagnostic and therapeutic interventions in the provision of primary health care to individuals and families with chronic and complex health conditions. Prerequisites: GRNS 414, GRNS 415 or GRNS 416 and Comprehensive Exam. Co-requisites: GRNS 420 or GRNS 421.

GRNS 420. Pract:Chronic&Complx Cond AGNP. 2.5 Credits.
Practicum focuses on the refinement diagnostic and therapeutic interventions in the provision of primary health care to individuals and families with chronic and complex health conditions. Prerequisites: GRNS 412, GRNS 414, GRNS 415. Co-requisite: GRNS 419.

GRNS 421. Pract:Chronic&Complex Cond FNP. 2.5 Credits.
Focuses on the refinement diagnostic and therapeutic interventions in the provision of primary health care to individuals and families with chronic and complex health conditions. Practicum. Prerequisites: GRNS 414, GRNS 416. Co-requisite: GRNS 419.

GRNS 422. DNP Project & Seminar I. 1 Credit.
This seminar provides structure for the development of the Doctor of Nursing Practice Project.

GRNS 423. DNP Project Practicum I. 1 Credit.
This practicum guides project initiation including summary tasks and milestones, business plan, identification of resources assigned to tasks, and task interdependencies. Project monitoring, reporting, and management are required. Prerequisites: GRNS 322, GRNS 327. Co-requisite: GRNS 422.

GRNS 424. DNP Project & Seminar II. 1 Credit.
Students in this semester will prepare and implement the Doctor of Nursing Practice Project. Prerequisites: GRNS 422, GRNS 423. Co-requisite: GRNS 425.

GRNS 425. DNP Project Practicum II. 1 Credit.
DNP project will be implemented including critical analysis of data and evidence for improving nursing practice. Project monitoring, reporting, and management are required. Prerequisites: GRNS 422, GRNS 423. Co-requisite: GRNS 424.

GRNS 426. DNP Project & Seminar III. 1 Credit.
Provides the structure for Doctor of Nursing Practice Project evaluation. Students in this semester will prepare and discuss the evaluation of the Doctor of Nursing Practice Project. Students will disseminate their findings. Prerequisites: GRNS 424, GRNS 425.

GRNS 427. Ex Nurse Leader Role Transform. 1 Credit.
This individualized practicum focuses on synthesis and application of prerequisite learning in a mentored nurse executive role.

GRNS 428. Executive Nurse Leader Immersi. 2 Credits.
This practicum is a continuation of the role transformation learning experience. Prerequisite: GRNS 427.

GRNS 430. Pract: Clinical Immersion APRN. 0.5 Credits.
Provides an immersion clinical practicum of 60 hours for the primary care management of acute and common health problems encountered in primary care. To provide an opportunity for the student to promote optimal levels of well-being and functioning. Prerequisites: GRNS 407, GRNS 408, GRNS 412, GRNS 417, GRNS 418.

GRNS 435. Health and Culture: Oaxaca. 3 Credits.
Gain appreciation for cultural diversity by exploring the social, psychological, health practices and historical trajectories of Oaxacan perceptions within the overarching theme of health. Prerequisites: Graduate standing and instructor permission.

GRNS 491. Doctoral Dissertation Research. 1-18 Credits.

GRNS 492. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

GRNS 496. Advanced Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.