

# NRSB - Nursing

## NRSB 116 Introduction to Professional Nursing: 2 Credits (2 Lec)

(F, Sp) This course provides knowledge of the professional origin of nursing, including the historical context and its relevance to current healthcare delivery. Students will explore issues surrounding the profession, multiple nursing roles and concepts related to the dimensions of nursing practice.

## NRSB 242 Complementary Healing: 2 Credits (2 Lec)

PREREQUISITE: Undergraduate nursing students or permission of the instructor. The purpose of this course is to explore the time honored medical models and treatments of Complementary and Alternative Medicine (CAM). Using quality of life as a foundation, students will explore the integration of these models into practice

## NRSB 290R Undergraduate Research: 1-6 Credits (1-6 Other)

Directed undergraduate research/creative activity which may culminate in a written work or other creative project. Course will address responsible conduct of research.  
Repeatable up to 6 credits.

## NRSB 291 Special Topics: 1-4 Credits (1-4 Lec)

PREREQUISITE: As determined for each offering. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number  
Repeatable up to 12 credits.

## NRSB 292 Independent Study: 1-3 Credits (1-3 Other)

PREREQUISITE: Consent of instructor and approval of department head. Directed research and study on an individual basis  
Repeatable up to 6 credits.

## NRSB 294 Workshop/Seminar: 1-4 Credits (1 Other)

PREREQUISITE: As determined for each offering. Topics offered at the lower division level which are not covered in regular courses. Students participate in preparing and presenting discussion material  
Repeatable up to 12 credits.

## NRSB 314 Concepts in Psychosocial Nursing: 2 Credits (2 Lec)

COREQUISITE: NRSB 323, NRSB 327/328, NRSB 316. (F, Sp) This course explores nursing psychosocial concepts and theories with clients across the lifespan in a variety of settings. Topics include developmental impact of trauma, family theories, crisis theory, anxiety, loss, grief and other human responses; and related psychosocial nursing strategies

## NRSB 316 Pathophysiology and Pharmacotherapeutics for Nurses I: 3 Credits (3 Lec)

PREREQUISITE: CHMY 123. This course introduces the abnormal functioning of human cells, tissues, and organ systems, and the physiological adaptations that occur and how pharmacotherapeutics can address some common pathological or adaptive changes across the lifespan. Pharmacological and pathophysiologic principles will be integrated

## NRSB 317 Pathophysiology and Pharmacotherapeutics for Nurses II: 3 Credits (3 Lec)

PREREQUISITE: NRSB 316. This course builds on concepts and content of Pathophysiology and Pharmacotherapeutics for Nurses I and advances understanding of abnormal functioning of human cells, tissues, and organs of selected body systems, physiological adaptations and pharmacotherapeutics. Pharmacological and pathophysiologic principles are analyzed

## NRSB 318 Accelerated Pathophysiology and Pharmacotherapeutics for Nurses: 4 Credits (4 Lec)

Abnormal functioning of human cells, tissues, and organs of selected body systems, physiological adaptations, and pharmacotherapeutics are examined to address pathological or adaptive changes across the lifespan.

## NRSB 323 Professional Development I: Professional and Ethical Nursing: 1 Credits (1 Lec)

Students will explore the ethical development of professional nursing to initiate and foster professional, culturally competent, inclusive nursing care. Ethical development including morality and obligations to cultural sensitivity and inclusion, evidence-based practice and professional nurse identity will be discussed.

## NRSB 324R Professional Development II: Evidence Based Practice: 3 Credits (2 Lec, 1 Other)

(F, Sp) This course addresses the ethical, professional, and evidence-based practice obligations of professional nursing to foster EBP competencies of rapid critical research appraisal and planning of clinical outcomes. Students will develop a scholarly project utilizing nursing theory.

## NRSB 327 Foundations of Nursing Care: 2 Credits (2 Lec)

PREREQUISITE: BIOH 201 and BIOH 211 or HDFS 101IS or PSYX 230 and BIOM 250 and BIOM 251

COREQUISITE: NRSB 329. This course introduces the application of nursing principles, concepts and fundamental skills for safe quality nursing care. Learners use assessment data, clinical judgment and therapeutic communication to plan and provide for effective nursing care

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## NRSB 328 Foundations of Nursing Lab: 3 Credits (3 Lab)

PREREQUISITE: BIOH 201 and BIOH 211 or HDFS 101IS or PSYX 100IS and BIOM 250 and BIOM 251

COREQUISITE: NRSB 329. Students apply nursing principles, concepts and fundamental skills for safe quality nursing care. Learners apply assessment data and nursing process to develop the clinical judgment and therapeutic communication for effective collaboration with clients and the healthcare team

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## NRSB 329 Adult Health Assessment: 3 Credits (2 Lec, 1 Lab)

PREREQUISITE: BIOH 201, BIOH 211

COREQUISITE: NRSB 311 or consent of instructor. This course uses a health-oriented approach to acquire the comprehensive skills of history taking and physical assessment needed to conduct an adult nursing assessment and professionally communicate the findings using verbal, written and electronic methods

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## NRSB 332 Nursing Concepts for Health Promotion: 2 Credits (2 Lec)

PREREQUISITE: PSYX 100IS or HDFS 101IS, NRSB 327, NRSB 328, NRSB 329. (F, Sp) This course explores assessment and promotion of health for racially, ethnically, and culturally diverse individuals, families, and communities in local, state, national and global arenas. Concepts include prevention, vulnerable populations, social determinants of health, and personal self-care practices

## NRSB 333 Concepts in Health Promotion and Psychosocial Nursing: 4 Credits (4 Lec)

PREREQUISITE: NRSB 327, NRSB 311, and NRSB 329. Assess and promote health of diverse individuals, families, and communities in a variety of arenas. Psychosocial concepts and theories, preventive care measures, strategies for vulnerable populations and select interventions for the planning of nursing care with clients across the lifespan

## NRSB 334 Nursing Practice for Health Promotion: 1 Credits (1 Lab)

PREREQUISITE: PSYX 230 or HDFS 101IS, NRSB 327, NRSB 328, NRSB 329. (F, Sp) This course provides the clinical experiential learning associated with Nursing Concepts for Health Promotion (NRSB 332) and includes health assessments and health promotion teaching and planning for individuals, families, and communities to promote health and prevent disease

**NRSG 354 Nursing Concepts in Reproductive Health: 2 Credits (2 Lec)**

PREREQUISITE: NRSG 316, NRSG 327, NRSG 328, NRSG 329. (F, Sp) The focus of this course is health promotion, disease prevention, illness management and nursing care of clients seeking sexual and reproductive services. The course will also focus on nursing concepts surrounding pregnancy, labor, delivery, post-partum, and care of the newborn

**NRSG 357 Nursing Concepts in Pediatric Care: 2 Credits (2 Lec)**

PREREQUISITE: NRSG 327, NRSG 328, NRSG 329, NRSG 316, and PSYX 230 or HDFS 101IS. (F, Sp) This course examines health promotion, disease prevention, illness management, and nursing care of children within the family context using knowledge gained from nursing, sciences, humanities, and developmental theory

**NRSG 358 Nursing Concepts in Reproductive Health and Pediatric Care: 4 Credits (4 Lec)**

PREREQUISITE: NRSG 327, NRSG 328, NRSG 329, NRSG 333, and NRSG 318. (F, Sp) Health promotion, disease prevention, and illness management of children and families, and individuals seeking sexual and reproductive health service is examined. A variety of settings among diverse populations is used to plan reproductive care and care of the developing child

**NRSG 359 Nursing Practice in Reproductive Health and Pediatric Care: 3 Credits (3 Lab)**

PREREQUISITE: NRSG 327 and 328; NRSG 329; NRSG 316; PSYX 100IS or HDFS 101IS  
COREQUISITE: NRSG 354 and NRSG 357 and NRSG 358. (F, Sp) This course applies health promotion, disease prevention, illness management, and nursing concepts of children, families and individuals seeking sexual and reproductive care. A variety diverse populations and settings are used to gain knowledge of reproductive and pediatric care

**NRSG 387R Research in Health Care: 3 Credits (2 Lec, 1 Other)**

PREREQUISITE: STAT 216Q or Consent of Instructor. Students are introduced to the research process and evidence-based practice. They develop knowledge, skills, and values necessary to be informed consumers of health related research. Students engage in research processes, examine research reports, and describe practice applications

**NRSG 400 Nursing Simulation: 1-2 Credits (1-2 Lab)**

This course integrates clinical learning and nursing theory in a simulation-based environment. It includes the application of nursing principles, concepts, related skills, and clinical decision making specific to the scheduled patient populations each semester.  
Repeatable up to 4 credits.

**NRSG 403 Professional Development III: Care Management: 2 Credits (2 Lec)**

(F, Sp) This course provides development of critical thinking, transitional planning, and delegation for patient care management. Students will approach healthcare utilization holistically across multiple settings and explore the legal, ethical and advocacy issues for patient's specific needs.

**NRSG 406 Professional Development V: Care Management and Informatics in Healthcare Systems: 3 Credits (3 Lec)**

(Su) Examine critical thinking, quality improvement, transitional planning, and delegation for patient care management with an emphasis on healthcare utilization, healthcare systems, telehealth, and information technology to address the nursing role for outcome improvement.

**NRSG 408 Nursing Concepts in Chronic Care: 2 Credits (2 Lec)**

PREREQUISITE: NRSG 329, NRSG 327, NRSG 328, NRSG 317. This course focuses on care of adult patients with chronic, non-curable diseases. Quality of life, altered mobility, sexuality, body image, stigma, social isolation, compliance, chronic pain, and aging provide foundation for patient-centered health promotion, palliative care, hospice, and end-of-life care

**NRSG 409 Nursing Practice in Chronic Care: 2 Credits (2 Lab)**

PREREQUISITE: NRSG 329, NRSG 327, NRSG 328, NRSG 317. This course provides the clinical experiential application of care for adult patients care with chronic, non-curable diseases for patients and their families with an emphasis on patient-centered health promotion, disease and palliative care, hospice, and end-of-life care

**NRSG 412 Professional Development IV: Nursing Leadership and Transition to Practice: 2 Credits (2 Lec)**

This course practices leadership skills with an emphasis on team evaluation, fiscal management, conflict management, staff empowerment, and change theory. It features planning for transition to professional practice and emphasizes mental well-being and self-care.

**NRSG 426 Nursing Concepts in Population Health: 2 Credits (2 Lec)**

PREREQUISITE: NRSG 314, NRSG 332 OR NRSG 333, NRSG 329, NRSG 327/328, and NRSG 317. (F, Sp, Su) The focus of this course is the theoretical application of promoting the health of diverse communities and special populations from a public health perspective. It emphasizes a population focused nursing process, epidemiology, and population-based assessment tools for intervention design

**NRSG 427 Nursing Practice in Population Health: 2 Credits (2 Lab)**

PREREQUISITE: NRSG 332, NRSG 334. This course provides the practice application of promoting health of diverse communities and special populations from a public health perspective. It emphasizes a population focused nursing process and uses epidemiology and population-based assessment tools to form interventions

**NRSG 431 Nursing Concepts in Psychiatric/Mental Health: 2 Credits (2 Lec)**

The focus of this course is to attain foundational knowledge of psychopathology and nursing care of clients with acute and chronic psychiatric disorders. Social, cultural, spiritual, and environmental issues influencing mental health are explored.

**NRSG 432 Nursing Practice in Psychiatric/Mental Health: 1 Credits (1 Lab)**

This course is focuses on nursing care of clients with acute and chronic psychiatric disorders, including psychopathology associated with major mental illness. Community-based experiences provide opportunity for continued development of therapeutic skills to explore social, cultural, spiritual, and environmental influences.

**NRSG 452 Health Policy & Economics: 2 Credits (1 Lec, 1 Other)**

PREREQUISITE: NRSG 403. (F, Sp) Focus is on economics, public policy and political factors that affect the delivery of health and nursing care at the local, state, national and international levels. Students are encouraged to participate in efforts to influence health policy

**NRSG 460 Nursing Concepts in Acute and Chronic Care: 4 Credits (4 Lec)**

PREREQUISITE: NRSG 329, NRSG 327, NRSG 328, NRSG 318. Theoretical and empirical knowledge for planning collaborative, patient-centered, safe care of adults across the lifespan to include aging, chronic illness and non-curable, life limiting diseases and those experiencing acute/critical and complex health alterations

**NRSG 461 Nursing Practice for Acute and Chronic Care: 3 Credits (3 Lab)**

PREREQUISITE: NRSG 329, NRSG 327, NRSG 328, NRSG 318. Application of theoretical and empirical knowledge, nursing practice, collaboration and referral in the management of safe, high quality care of the adult patients across the lifespan experiencing both acute, complex illness, injury, chronic illness and life-limiting diseases

**NRSNG 469 Culturally Responsive Care in Nursing: The (Specific Culture) Experience: 1-6 Credits (1-5 Lab, 1 Other)**

(F, Sp, Su) A healthcare immersion designed to foster a growth mindset towards health beliefs, intercultural learning, communication, and nursing applications. The experience includes analysis of cross cultural and intercultural learning principles and the immersion experience with [specific culture] nurses and clients.

Repeatable up to 6 credits.

**NRSNG 470 Nursing Concepts in Acute Care: 2 Credits (2 Lec)**

This course advances theoretical and empirical knowledge for patient-centered care of adults experiencing acute/critical and complex health alterations. This includes an emphasis on compassionate, culturally sensitive, holistic care; professional nursing practice, interprofessional collaboration, and delivery of safe, high quality care.

**NRSNG 471 Nursing Practice in Acute Care: 2 Credits (2 Lab)**

Apply theoretical and empirical knowledge, professional nursing practice, interprofessional collaboration and referral to manage and deliver safe, high quality care of the adult patient experiencing acute / critical and complex health alterations in a variety of healthcare settings.

**NRSNG 480 Management of Healthcare Systems: 2 Credits (2 Lec)**

Healthcare system structure, functioning and theory is examined with emphasis on evidence-based practice, quality improvement, systems thinking and information technology. Students will focus on clinically transformative technologies, telehealth, and the nurses' role for outcome improvement.

**NRSNG 488 NCLEX Preparation: 1 Credits (1 Lec)**

(F, Sp, Su) Course guides development of personal study plan based on preparatory exam results, highlighting areas for improvement specific to the categories of the NCLEX test plan and guides studying for the Next-Gen NCLEX exam.

**NRSNG 490R Undergraduate Research: 1-6 Credits (1 Other)**

PREREQUISITE: Junior standing. Directed undergraduate research/creative activity which may culminate in a research paper, journal article, or undergraduate thesis. Course will address responsible conduct of research.

May be repeated

Repeatable up to 12 credits.

**NRSNG 492 Independent Study: 1-3 Credits (1-3 Other)**

PREREQUISITES: Junior standing, consent of instructor, and approval of department head. Directed research and study on an individual basis

Repeatable up to 6 credits.

**NRSNG 494 Workshop/Seminar: 1-4 Credits (1 Other)**

PREREQUISITE: Junior standing and as determined for each offering. Topics offered at the upper division level which are not covered in regular courses. Students participate in preparing and presenting discussion material

Repeatable up to 12 credits.

**NRSNG 498 Professional Internship: 2 Credits (2 Lab)**

(F, Sp, Su) Satisfactory completion of all prior clinical nursing courses required. Supervised work-integrated learning experience to maximize independence in providing safe, efficient, high-quality patient care. Students integrate professional nursing roles of leadership, advocacy, and communication and works with an approved RN preceptor for an intensive clinical experience.

**NRSNG 501 Tchng Concepts Nursing Educator: 2 Credits (2 Lec)**

(F) Designed for students interested in nursing education. Emphasizes teaching strategies and delivery of nursing education for diverse learners in a variety of settings. The course explores educator roles and responsibilities and the evolution of teaching and learning.

**NRSNG 502 Effective Clinical Teaching: 2 Credits (2 Lec)**

PREREQUISITE: Graduate Standing. (Sp) Focuses on educator roles and responsibilities in teaching clinical nursing (academic or practice environments). Designed for students interested in developing clinical teaching skills. Major themes: development of learning activities, evaluation of student performance, concepts of student supervision, and agency coordination

**NRSNG 503 Curriculum Development: 3 Credits (3 Lec)**

(Su) Theories and models of curriculum development are explored in this course designed for nurses teaching in either academic or practice environments. Students synthesize appropriate theoretical concepts to develop a model curriculum sensitive to diverse learning styles.

**NRSNG 504 Assmnt and Eval of Education: 3 Credits (3 Lec)**

(Su) Students engage in discussions around design, assessment, and evaluation of instruction by nurses. Topics include writing instructional objectives and constructing activities to assess student learning outcomes. Students complete a project to gain skills in evaluating learning related to a specific unit of study.

**NRSNG 508 Clinical Leadership Practicum: 7 Credits (7 Lab)**

PREREQUISITE: NRSNG 509, NRSNG 604, NRSNG 608, and NRSNG 611. (Sp) The clinical immersion practicum will provide a platform to support transformative learning. The course is designed to promote integration of previously learned coursework through immersion in the Clinical Nurse Leader (CNL)

**NRSNG 509 Clinical Nurse Leader Lab I: 2 Credits (2 Lab)**

PREREQUISITE: NRSNG 604, NRSNG 608, NRSNG 611 or consent of instructor. (F) Students will engage in activities that promote development of CNL competencies. Students will assess a selected microsystem. This course is designed to evaluate strategies used to promote patient-centered care and interprofessional collaboration in selected settings

**NRSNG 574 Teaching Practicum: 1-4 Credits (2-8 Lab)**

PREREQUISITE: NRSNG 504 or consent of instructor. Teaching/learning principles are integrated into nursing education in academic or practice environments. Students practice, observe, and evaluate teaching/learning processes. The instructor and student negotiate laboratory activities

Repeatable up to 4 credits.

**NRSNG 575 Professional Paper and Project: 2 Credits (2 Lab)**

PREREQUISITE: NRSNG 604, NRSNG 608, NRSNG 611. (F, Sp) Create a professional project proposal to address a relevant health care issue that results in meaningful or substantive contributions to nursing practice. Completion of the project proposal provides a means for students to demonstrate mastery of master's level competencies

Repeatable up to 99 credits.

**NRSNG 591 Special Topics: 1-4 Credits (1-4 Lec)**

PREREQUISITE: Upper division courses and others as determined for each offering. Courses not required in any curriculum for which there is a particular one time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number

Repeatable up to 12 credits.

**NRSNG 592 Independent Study: 1-6 Credits (1 Other)**

PREREQUISITE: Graduate standing, consent of instructor, approval of department head and Dean of Graduate Studies. Directed research and study on an individual basis

Repeatable up to 6 credits.

**NRSNG 594 Seminar: 1 Credits (1 Other)**

PREREQUISITE: Graduate standing or seniors by petition. Course prerequisites as determined for each offering. Topics offered at the graduate level which are not covered in regular courses. Students participate in preparing and presenting discussion material

Repeatable up to 4 credits.

**NRSG 601 Advanced Health Assessment: 3 Credits (2 Lec, 1 Lab)**

(F, Sp) This course focuses on advanced health assessment of individuals. Course content will address documenting, validating, and synthesizing information about the health status; making clinical decisions about health; and assessing physiological and psychosocial processes relevant to gender and cultures across the lifespan.

**NRSG 602 Adv Physio/Pathophysiology: 4 Credits (4 Lec)**

(F, Sp) This course provides an examination of the physiological functioning and common pathophysiological alterations in humans. This course will focus on the etiology, pathogenesis, developmental and environmental influences, and clinical manifestations of injury and disease.

**NRSG 603 Advanced Pharmacology I: 2 Credits (2 Lec)**

(F, Sp) This course provides an understanding of the science of therapeutics and principles of pharmacokinetics and pharmacodynamics.

**NRSG 604 Evidence Based Practice I: 3 Credits (3 Lec)**

PREREQUISITE: SAT216Q and NRSG 387R or NRSG 489R. (F, Sp)  
-This graduate nursing course advances the student's capacity for critical review of the literature from across disciplines to improve clinical outcomes by way of evidence based/informed practice

**NRSG 605 Evidence Based Practice II: 3 Credits (3 Lec)**

PREREQUISITE: NRSG 604. (Sp, Su) In this graduate nursing course, students will become skilled in using a variety of tools from research, biostatistics, epidemiology, and other data-based disciplines to translate critically appraised evidence into action plans aimed at addressing clinical problems

**NRSG 606 Statistical Applications: 3 Credits (3 Lec)**

PREREQUISITE: STAT 216Q or equivalent covering descriptive and inferential data analysis methods. Builds on basic understanding of quantitative methods and resulting statistical analyses, with particular application to critique health sciences research. Students reach a graduate level of sophistication in their understanding of the statistical strength of published research. Students will gain facility in statistical techniques of correlation, regression, Chi square, t-test, analysis of variance, logistic regression and confidence limit estimation

**NRSG 607 Diagnostic Reasoning: 3 Credits (2 Lec, 1 Lab)**

PREREQUISITE: NRSG 601; NRSG 602. (F) This graduate nursing course promotes the development of the practitioners' comprehensive assessment proficiency, critical thinking and diagnostic reasoning. The practitioner will utilize a systematic approach for clinical decision making, diagnosis and documentation

**NRSG 608 Design H C Delivery Systems: 3 Credits (2 Lec, 1 Lab)**

PREREQUISITE: NRSG 604 for Nursing students or EIND 458 for IE students or instructors permission. (F, Su) Examines the role of nurses and industrial engineers in healthcare, including major systems within healthcare organizations which affect care delivery; strategies for analyzing, improving processes; coordinating interdisciplinary healthcare teams to enhance healthcare quality management; and reducing health risk through medical error elimination

**NRSG 609 Advanced Nursing Leadership & Roles: 3 Credits (3 Lec)**

(F, Sp, Su) Prepares graduate nursing students for direct and indirect advanced nursing roles and core competencies in organizational and systems leadership. Emphasis on leadership, communication, collaboration, negotiation, team functioning, conflict resolution and scholarship.

**NRSG 610 Health Care Informatics: 3 Credits (3 Lec)**

PREREQUISITE: Graduate Standing. (F, Sp) Explores health care information systems and technologies to optimize health information management and communication systems while maintaining privacy and security of data

**NRSG 611 Program Planning & Evaluation for Quality Improvement: 3 Credits (3 Lec)**

PREREQUISITE: NRSG 608, Graduate Standing. (F, Su) Principles of quality improvement, outcomes management are integrated into evidence-based practice to leverage improvement science for the planning and evaluation health-related programming across systems of care

**NRSG 612 Ethics, Law, and Policy for Advocacy in Healthcare: 3 Credits (3 Lec)**

(F, Sp) Integrate knowledge of bioethics, current legal issues, ethical comportment, professional standards, clinical decision-making, functions of law and policy analysis as applied to clinical practice. Principles of accountability, responsibility, autonomy, and interdisciplinary collaboration within a dynamic healthcare environment will be integrated.

**NRSG 613 Finance & Budget H C Systems: 2 Credits (2 Lec)**

PREREQUISITE: Graduate Standing. (Sp, Su) This course focuses on the application of fiscal management principles of health care systems. Emphasis is on health care economics, fiscal management, and budgeting concepts as they relate to quality healthcare

**NRSG 614 Vulnerability and Health Care in Diverse Communities: 3 Credits (2 Lec, 1 Lab)**

PREREQUISITE: Graduate Standing. (F, Su) This graduate nursing course addresses concepts of vulnerability and disparity in health and healthcare among diverse and rural populations. Students will examine vulnerable populations. Interactions with the healthcare systems, including access, utilization, and outcomes will be examined. Students will address strategies for addressing disparities in healthcare

**NRSG 616 Psychiatric Case Formulation: 3 Credits (2 Lec, 1 Lab)**

PREREQUISITE: NRSG 601, NRSG 602, and NRSG 629. (F) Foundation for assessment, diagnosis, and treatment of psychiatric conditions with focus on conceptual and clinical approaches to advanced-level assessment techniques and diagnostic reasoning in psychiatric/ psychosocial disorders. Synthesizes knowledge from psychosocial nursing and allied fields for comprehensive diagnoses and case formulations

**NRSG 619 Advanced Primary Care Skills and Procedures: 2 Credits (1 Lec, 1 Lab)**

PREREQUISITE: NRSG 601, NRSG 602. (F, Sp) This course introduces primary care skills and procedures commonly used by APRNs. These skills enhance didactic content presented in the primary care series culminating in a 3-day hands-on skills lab held on the Bozeman campus

**NRSG 620 Adv Pharm II: 3 Credits (3 Lec)**

PREREQUISITE: NRSG 602, NRSG 603. Focuses on pharmacologic effects and clinical use of selected drug classifications for the treatment and management of acute and chronic illnesses. Ethical and legal responsibilities, pharmacologic mechanisms, contraindications, complimentary alternative medicine and patient education will be addressed

**NRSG 621 Advanced Clinical I-FI: 6 Credits (3 Lec, 6 Lab)**

Focus on comprehensive assessment, intervention and preventive care for childbearing and childrearing families in primary health care. Includes content on physiological, pathophysiological, psychological, developmental, sociocultural and spiritual primary health care needs of childbearing and childrearing families.

**NRSG 622 Advanced Clinical II Primary Care for Midlife Families: 6 Credits (3 Lec, 3 Lab)**

PREREQUISITE: NRSG 621 Adv Clin I and NRSG 620 Adv Pharm II  
Comprehensive assessment, intervention and preventative care for midlife families in primary health care settings

COREQUISITE: NRSG 620. Recognizing the holistic nature of individuals within families, this course will include content on the physiological, pathophysiological, psychological, developmental, sociocultural, and spiritual primary health care needs of midlife families



**NRSg 623 Advanced Clinical III: Primary Care for Aging Families: 6 Credits (3 Lec, 3 Lab)**

PREREQUISITE: NRSg 622. Focus on assessment, treatment and preventative care for aging families in primary health care settings. Physiological, pathophysiological, psychological, developmental, sociocultural and spiritual responses to acute and chronic conditions will be explored emphasizing the importance of advocacy

**NRSg 624 Advanced Clinical IV (NP, Family/Individual) Primary Care Clinical Preceptorship: 8 Credits (2 Lec, 6 Lab)**

PREREQUISITE: NRSg 623. In this graduate nursing practicum, students will further refine their role as a doctorally prepared nurse practitioner demonstrating expertise, specialized knowledge, and expanded responsibility and accountability in the care and management of individuals and families. Students in the Family Nurse Practitioner (FNP) option participate in the selection of a practice setting such as family health, pediatrics, women's health, gerontology, a broad based primary care, or specialty practice. Students will incorporate a holistic perspective in the management of patients and engage in the formation of therapeutic partnerships in a clinical practice

**NRSg 625 Advanced Diagnostics in Primary Care: 2 Credits (2 Lec)**

PREREQUISITE: NRSg 601, NRSg 602, NRSg 621, NRSg 622, NRSg 623 or instructor permission. This course explores various diagnostic modalities for complex patients with rheumatology, dermatology, auto-immune conditions, and chronic illnesses. Emphasis is on helping practitioners order appropriate testing, interpret diagnostic tests, communicate treatment plans with patients, and collaboration interprofessional teams

**NRSg 629 Introduction to Advanced Practice Psychiatric Mental Health Nursing: 2 Credits (1 Lec, 1 Lab)**

PREREQUISITE: NRSg 601. (Su) An introduction to advanced practice psychiatric-mental health nursing focusing on developing early interview skills, assessing patients with mental health concerns, completing the mental status examination, and a safety assessment. Students explore the DSM 5-TR, documentation, and other relevant interview/assessment resources

**NRSg 630 Adv Psychopharmacology II: 3 Credits (3 Lec)**

PREREQUISITE: NRSg 602, NRSg 603. (F) Analyzing psychotropic interventions including, but not limited to, mechanisms of action, indications of use, dosing, side effects, drug-drug interactions, contraindications, and patient education. Focus is placed on treating patients across the lifespan with mental health problems

**NRSg 631 Advanced Clinical I – Psych/Mental Health: 6 Credits (3 Lec, 3 Lab)**

PREREQUISITE: NRSg 601, 602, 603, 604, 605, 607. This course focuses on the role and scope of advanced psychiatric nursing practice with attention placed on conducting assessments through interviewing and objective assessments in order to make diagnoses. Mental health treatment needs are explored in relation to diagnoses

**NRSg 632 Advanced Clinical II: Psychotherapeutic Modalities: 6 Credits (3 Lec, 3 Lab)**

PREREQUISITE: NRSg 630, 631. This course focuses on the treatment and management of mental health problems utilizing individual psychotherapy, group psychotherapy, brief psychotherapy and medication management. Additional focus and consideration are placed on the management of the pediatric and geriatric population

**NRSg 633 Advanced Clinical III, Psych/Mental Health: 6 Credits (3 Lec, 3 Lab)**

PREREQUISITE: NRSg 632. This course focuses on the management of individuals/families with mental health problems who have acute/chronic mental health needs using psychotherapeutic modalities while incorporating appropriate prescriptive and CAM treatments. Focus placed on women of childbearing age and substance use disorders

**NRSg 634 Advanced Clinical IV, NP, Psych/Mental Health: 8 Credits (2 Lec, 6 Lab)**

PREREQUISITE: NRSg 633, Advanced Clinical III. This graduate nursing course builds upon content and skills attained in Advanced Clinical I, II, and III. In this practicum students will further refine their role as a doctorally prepared nurse practitioner demonstrating expertise, specialized knowledge, and expanded responsibility and accountability in the advanced psychiatric care and management of individuals and families

**NRSg 639 Midwifery Clinical Care Skills and Procedures: 2 Credits (1 Lec, 1 Lab)**

PREREQUISITE: NRSg 641 and NRSg 644. (F) This graduate nursing course focuses on introducing skills and procedures that are used by nurse midwives within the primary care and inpatient settings. These skills will enhance content presented in other midwifery option courses

**NRSg 640 Advanced Pharmacology II Nurse Midwifery: 3 Credits (3 Lec)**

PREREQUISITE: NRSg 602 and NRSg 603. (Sp) This course focuses on the use pharmacologic interventions when caring for people in the primary care setting, childbearing cycle, and neonates. The evaluation of pharmacokinetics and pharmacodynamics, indications of use, dosing, side effects, and drug-food interactions are covered

**NRSg 641 Midwifery Care During the Antepartum: 2 Credits (2 Lec)**

PREREQUISITE: NRSg 640. (Su) This graduate nursing course focuses on providing safe, evidence-based midwifery care during pregnancy. Strategies that promote normal pregnancy are examined and the assessment of fetal status is emphasized. Students learn how to intervene when complications arise

**NRSg 642 Midwifery Care During the Intrapartum: 3 Credits (3 Lec)**

PREREQUISITE: NRSg 641 and NRSg 644

COREQUISITE: NRSg 639 and NRSg 643. (F) This graduate nursing course focuses on the provision of safe, evidence-based midwifery care during labor. Skills needed to assess and promote normal labor progression are emphasized. Students learn how to intervene when maternal or fetal complications and emergencies arise

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**NRSg 643 Midwifery Care During the Postpartum and Care of the Neonate: 2 Credits (2 Lec)**

PREREQUISITE: NRSg 641 and NRSg 644

COREQUISITE: NRSg 639 and NRSg 642. (F) This graduate nursing course focuses on providing safe, evidence-based midwifery care during the postpartum and to neonates. The emphasis is on normal physiological changes. Students learn how to intervene when complications and emergencies arise

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**NRSg 644 Primary and Gynecologic Care: 4 Credits (4 Lec)**

PREREQUISITE: NRSg 640. (Su) This graduate nursing course focuses on meeting the primary, preconception, and gynecologic care health needs of people throughout the lifespan through evidenced based comprehensive assessment, intervention, and preventive care. Common health problems and deviations from normal are emphasized

**NRSg 645 Advanced Midwifery Clinical I: 3 Credits (3 Other)**

PREREQUISITE: NRSg 639 and NRSg 642 and NRSg 643. (Sp) This is the first of four nurse midwifery clinical courses where students begin to apply knowledge, skills, and abilities acquired in required prerequisite courses. Students use the midwifery management process when providing holistic care

**NRSg 646 Advanced Midwifery Clinical II: 4 Credits (4 Other)**

PREREQUISITE: NRSg 645. (Su) This is the second of four nurse midwifery clinical courses where students apply knowledge, skills, and judgment acquired in required prerequisite nurse midwifery courses. Students use the midwifery management process when providing holistic care

**NRSg 647 Advanced Midwifery Clinical III: 4 Credits (4 Other)**

PREREQUISITE: NRSg 646. (F) This is the third of four nurse midwifery clinical courses where students apply knowledge, skills, and judgment acquired in the required prerequisite midwifery courses when independently providing culturally competent holistic care

**NRSg 648 Advanced Midwifery Clinical IV: 6 Credits (6 Other)**

PREREQUISITE: NRSg 647. (Sp) This is the fourth of four nurse midwifery clinical courses where students independently apply knowledge, skills, and judgment acquired in the required prerequisite midwifery courses when providing culturally competent holistic care

**NRSg 651 FNP Diagnosis & Management I: 3 Credits (3 Lec)**

PREREQUISITE: NRSg 601, NRSg 602, NRSg 603, NRSg 604, NRSg 605, NRSg 607. (F) Graduate FNP program major. This graduate course focuses on comprehensive assessment, intervention, and preventive care for midlife families in primary health care settings. Using a holistic framework, this course includes physiological, pathophysiological, psychological, developmental, sociocultural, and spiritual primary health content for midlife families

**NRSg 652 FNP Diagnosis & Management II: 3 Credits (3 Lec)**

PREREQUISITE: NRSg 651. (Su) FNP graduate nursing majors only. Focuses on comprehensive assessment, intervention, and preventive care for women and pediatric population in the primary health care settings. Using a holistic framework content includes physiological, pathophysiological, psychological, developmental, sociocultural, sexual, and spiritual primary health care needs of women and children

**NRSg 653 FNP Diagnosis & Management III: 3 Credits (3 Lec)**

PREREQUISITE: NRSg 652, NRSg 655. (F) This graduate nursing course focuses on assessment, treatment, advocacy, and preventative care for aging adults in primary health care settings. Physiological, pathophysiological, psychological, developmental, sociocultural, and spiritual responses to acute and chronic conditions will be explored

**NRSg 654 FNP Role Transition: 2 Credits (2 Lec)**

PREREQUISITE: NRSg 653, NRSg 657. (Sp) FNP majors only. Preparing students to initiate independent practice and obtain licensing and certification. Exploring legal aspects of independent practice

**NRSg 655 FNP Advanced Clinical I: 4 Credits (4 Lab)**

PREREQUISITE: NRSg 601, NRSg 602, NRSg 603, NRSg 607, NRSg 651. (Sp) FNP majors only. This is the first of four FNP clinical courses. Students begin to apply knowledge, skills, and abilities acquired in the required prerequisite FNP courses in the clinical setting. Students provide culturally competent, holistic care to families, and patients throughout the lifespan

**NRSg 656 FNP Advanced Clinical II: 3 Credits (3 Lab)**

PREREQUISITE: NRSg 651, NRSg 655. (Su) FNP majors only. This is the second of four FNP clinical courses. Students continue to apply knowledge, skills, and abilities acquired in the required prerequisite FNP courses in the clinical setting. Students provide culturally competent, holistic care to families, and patients throughout the lifespan

**NRSg 657 FNP Advanced Clinical III: 5 Credits (5 Lab)**

PREREQUISITE: NRSg 653, NRSg 656. (F) FNP majors only. The third of our FNP clinical courses. Students apply knowledge, skills, and abilities acquired in the required prerequisite FNP courses in the clinical setting. Students provide culturally competent, holistic care to increasingly complex families and patients throughout the lifespan

**NRSg 658 FNP Advanced Clinical IV: 5 Credits (5 Lab)**

PREREQUISITE: NRSg 653, NRSg 657. (Sp) This is the final FNP clinical course. Students apply knowledge, skills, and abilities acquired in the required prerequisite FNP courses in the primary care clinical setting. Students provide culturally competent, holistic care to complex families and patients throughout the lifespan

**NRSg 661 PMHNP Diagnosis & Management I: 3 Credits (3 Lec)**

PREREQUISITE: NRSg 601, NRSg 602, NRSg 603, NRSg 604, NRSg 605, NRSg 616, NRSg 629, NRSg 630. (Sp) This course focuses on the role and scope of advanced psychiatric nursing practice through assessments and interviewing to formulation clinical judgment. Mental health treatment needs are explored in relation to diagnoses

**NRSg 662 PMHNP Diagnosis & Management II: 3 Credits (3 Lec)**

PREREQUISITE: NRSg 630, NRSg 661, NRSg 665. (Su) This course focuses on the treatment and management of mental health problems utilizing individual psychotherapy, group psychotherapy, brief psychotherapy, and medication management. Additional focus and consideration are placed on the management of the pediatric and geriatric population

**NRSg 663 PMHNP Diagnosis & Management III: 3 Credits (3 Lec)**

PREREQUISITE: NRSg 662, NRSg 666. (F) This course focuses on the management of individuals/families with mental health problems who have acute/chronic mental health needs using psychotherapeutic modalities while incorporating appropriate prescriptive and CAM (Complimentary Alternative Medicine) treatments. Focus placed on women of childbearing age and substance use disorders. Therapy focuses on couples and families therapy treatments

**NRSg 664 PMHNP Diagnosis & Management IV: 2 Credits (2 Lec)**

PREREQUISITE: NRSg 663, NRSg 667. (Sp) This final course focuses on the complex and leadership role of the advanced practice psychiatric nurse. Systems thinking, consultation, collaboration and evaluation are stressed. Focus placed on the management of vulnerable populations

**NRSg 665 PMHNP Advanced Clinical I: 4 Credits (4 Lab)**

PREREQUISITE: NRSg 601, NRSg 602, NRSg 603, NRSg 605, NRSg 616, NRSg 629, NRSg 630. (Sp) This course focuses on the role and scope of advanced psychiatric nursing practice with attention placed on conducting assessments through interviewing and objective assessments in order to make a diagnosis. Mental health treatment needs are explored in relation to diagnoses

**NRSg 666 PMHNP Advanced Clinical II: 4 Credits (4 Lab)**

PREREQUISITE: NRSg 630, NRSg 661, NRSg 665. (Su) This course focuses on the treatment and management of mental health problems utilizing individual psychotherapy, group psychotherapy, brief psychotherapy, and medication management. Additional focus and consideration are placed on the management of the pediatric and geriatric population

**NRSg 667 PMHNP Advanced Clinical III: 4 Credits (4 Lab)**

PREREQUISITE: NRSg 662, NRSg 666. (F) This clinical course focuses on management of individuals/families with acute/chronic mental health needs using psychotherapeutic modalities, appropriate prescriptive treatments, couples and family therapy, and CAM (Complimentary Alternative Medicine) treatments. Focus placed on women of childbearing age and substance use disorders

**NRSg 668 PMHNP Advanced Clinical IV: 5 Credits (5 Lab)**

PREREQUISITE: NRSg 663 NRSg 667. (Sp) This final clinical course focuses on complex health and situational transitions and the leadership role of the advanced practice psychiatric nurse. Systems thinking, consultation, collaboration and evaluation are stressed. Focus placed on the management of vulnerable populations

**NRSG 673 Writing for Scholarly Projects: 2 Credits (1 Lec, 1 Lab)**

The goal of this course is to improve academic writing proficiency to express written ideas in a clear and coherent manner consistent with graduate level scholarship. Grammar, editing, common writing errors, and APA formatting for scholarly writing is emphasized.

**NRSG 675 DNP Scholarly Project: 3 Credits (3 Lab)**

PREREQUISITE: NRSG 604, NRSG 605, NRSG 608, NRSG 610, NRSG 611, NRSG 613, NRSG 673 or NRSG 674 or instructor permission. (F, Sp) Students will design and propose a scholarly project that exemplifies the discovery, application, and synthesis of advanced nursing knowledge to improve health outcomes. Upon committee approval, students implement, evaluate, and disseminate through a formal oral and written defense  
Repeatable up to 6 credits.

**NRSG 691 Special Topics: 1-4 Credits (1-4 Lec)**

Special Topics for Nursing.