

# Nursing (NURS)

---

**NURS 189. Skills for Academic Success. 1 Credit.**

This course is designed to ease the transition for new students at NDSU. Students will be introduced to campus and learn skills and techniques used by successful college students.

**NURS 194. Individual Study. 1-5 Credits.****NURS 196. Field Experience. 1-15 Credits.****NURS 199. Special Topics. 1-5 Credits.****NURS 210. Orientation to Research and Evidence-Based Practice. 2 Credits.**

This course will introduce quantitative and qualitative types of research and various types of evidence used to support nursing practice. Techniques for searching databases will be integrated and the research process will be introduced. Prereq: admission to the professional nursing program.

**NURS 240. Nursing as a Scholarly Profession. 3 Credits.**

Introduction to the practice of professional nursing. The course focuses on the philosophy of the nursing program, the nature of the nursing profession and utilization of the scientific process. Prereq: NURS 250, NURS 360 and admission to program.

**NURS 250. Health Promotion. 2 Credits.**

Introduction to community as client and setting for nursing practice. Focus on theory and methods of health promotion and teaching-learning. Introduction to providing culturally sensitive care. Prereq: Admission to program.

**NURS 251. Skills and Concepts for Nursing. 2 Credits.**

Introduction to the nursing process, basic nursing skills and clinical decision-making. Prereq: NURS 250 and admission to program.

**NURS 252. Gerontologic Nursing. 2 Credits.**

This course focuses on health, the deviations of health, and the nursing care of the geriatric population. Prereq: NURS 250 and admission to program.

**NURS 289. Transition from Associate LPN to BSN. 2 Credits.**

The course is designed to assist returning students in the transition back to school. The course will examine the role of the RN and provide an in-depth review of the nursing process.

**NURS 291. Seminar. 1-3 Credits.****NURS 292. Study Abroad. 1-15 Credits.****NURS 294. Individual Study. 1-5 Credits.****NURS 299. Special Topics. 1-5 Credits.****NURS 340. Leadership & Ethical Reflection. 2 Credits.**

This course presents principles of leadership in the nursing profession and in civic life. The role of ethical reflection as an essential component of professional practice is discussed. Prereq: second year level nursing courses and admission to program.

**NURS 341. Foundations of Clinical Nursing. 3 Credits.**

This course emphasizes the physiologic, psychologic, and pathophysiologic concepts that provide the foundation for professional nursing care. Prereq: second year level nursing courses (NURS 240, NURS 250, NURS 251, NURS 252 and NURS 360) and admission to program.

**NURS 342. Adult Health Nursing I. 5 Credits.**

This course emphasizes the etiology, pathophysiology, and the nursing care of adult clients experiencing common disorders of body systems. Prereq: second year level nursing courses (NURS 240, NURS 250, NURS 251, NURS 252 and NURS 360) and admission to program.

**NURS 352. Family Nursing I. 5 Credits.**

This course focuses on nursing care and health promotion for the childbearing family, and includes identification and care of high-risk clients. Prereq: second year level nursing courses, NURS 341, NURS 342, PHRM 300 and admission to program.

**NURS 360. Health Assessment. 4 Credits.**

Focuses on health assessment and health promotion of individual clients through utilization of the nursing process and basic nursing concepts. Prereq: Admission to program.

**NURS 362. Family Nursing II. 4 Credits.**

Focuses on nursing care of the child and family as client. Includes infancy through adolescence, hospitalized and within the community, acutely ill and chronically ill; common stressors throughout the growing years; strategies for health promotion. Prereq: second year level nursing courses, NURS 341, NURS 342, PHRM 300 and admission to program.

**NURS 372. Integrated Family Nursing. 3 Credits.**

Provides the student opportunity to integrate prior learning about pediatric and obstetrical care with an increased knowledge of family dynamics and cultural influences. Prereq: Licensure as practical nurse, admission to program.

**NURS 379. Study Tour Abroad. 1-6 Credits.****NURS 391. Seminar. 1-3 Credits.****NURS 392. Study Abroad. 1-15 Credits.****NURS 394. Individual Study. 1-5 Credits.****NURS 397. Fe/Coop Ed/Internship. 1-4 Credits.****NURS 399. Special Topics. 1-5 Credits.****NURS 402. Mental Health Nursing. 4 Credits.**

Synthesis and application of nursing and psychiatric-mental health concepts to promote the wellness of individuals and groups. Prereq: second year level nursing courses, NURS 341, NURS 342, PHRM 300 and admission to program.

**NURS 403. Adult Health Nursing II. 5 Credits.**

Focuses on the etiology, pathophysiology, and nursing care of adult clients experiencing selected clinical problems originating from respiratory and cardiovascular systems, neuro trauma, and multisystem problems. Care of families of clients is also emphasized. Prereq: NURS 341, NURS 342, PHRM 300 and admission to program.

**NURS 404. Adult Health III. 4 Credits.**

The etiology, pathophysiologic mechanisms, and organization of nursing care of adult clients experiencing selected complex stressors. Prereq: NURS 342, NURS 403 and admission to program.

**NURS 405. Psychsocial Nursing. 2 Credits.**

In this course the student will synthesize prior learning with further exploration of psychosocial nursing. Prereq: Licensure as practical nurse, admission to program.

**NURS 406. Community & Public Health Nursing. 4 Credits.**

The focus of this course will include the core functions of public health, partnering with the community, primary prevention, creation of healthy environments, service to those at risk, stewardship of resources, and multidisciplinary collaboration. Prereq: second and third year level nursing courses (NURS 240, NURS 250, NURS 251, NURS 252, NURS 341, NURS 342, NURS 352, NURS 360, NURS 362, NURS 402, NURS 403, NURS 460 and NURS 499) and admission to program.

**NURS 407. Adult Health: Complex Problems. 3 Credits.**

Designed for persons with a nursing license, this course focuses on the etiology, pathophysiologic mechanisms, and organization of nursing care for adult clients experiencing selected complex stressors. Prereq: NURS 240 or NURS 360.

**NURS 407L. Adult Health: Complex Problems Clinical. 2 Credits.**

This course focuses on care of patients in a variety of Adult Health settings including medical/surgical and intensive care units with a focus on the etiology, pathophysiologic mechanisms, and organization of nursing care. Prereq: NURS 407.

**NURS 410. Research and Redesign. 2 Credits.**

A study of the research process. Emphasis is placed on critically evaluating nursing research and utilizing research for evidence-based practice. Discussion about quality improvement principles prepares the nurse to participate in redesign. Prereq: NURS 210, NURS 342, NURS 360 and admission to the professional nursing program.

**NURS 430. Nursing Management. 2 Credits.**

Study of concepts and issues related to management and leadership in professional nursing. Prereq: second year level nursing courses, NURS 340, NURS 341, NURS 342 and admission to program.

**NURS 440. Nursing Issues & Career Development. 2 Credits.**

This course presents an overview of contemporary nursing issues and a guide for career development. Prereq: NURS 340.

**NURS 450. Nursing Synthesis/Practicum. 4 Credits.**

NURS 450 is the capstone course in the nursing major and provides a framework for the student's transition to the entry-level professional role. 1 credit didactic, 3 credits clinical. Prereq: NURS 240, NURS 250, NURS 251, NURS 252, NURS 341, NURS 342, NURS 352, NURS 360, NURS 362, NURS 402, NURS 403, NURS 460 and NURS 499 and admission to program. Co-req: NURS 404, NURS 406.

**NURS 452. Professional Practice Synthesis. 2 Credits.**

This is the capstone course for the baccalaureate nursing program student who is a practicing registered nurse. Focus is the integration and application of professional nursing concepts. Emphasis is on demonstration of application of program outcomes. Open to registered nurses only. Co-req: NURS 340, 406 and unencumbered registered nurse license.

**NURS 460. Management, Leadership and Career Development. 3 Credits.**

This course focuses on the study of management and leadership concepts and issues in professional nursing. This course will also incorporate a guide for career development. Prereq: NURS 240, NURS 499.

**NURS 491. Seminar. 1-5 Credits.****NURS 492. Study Abroad. 1-15 Credits.****NURS 494. Individual Study. 1-5 Credits.****NURS 496. Field Experience. 1-15 Credits.****NURS 499. Special Topics. 1-5 Credits.****NURS 618. Family Nursing Theory & Health Promotion. 3 Credits.**

Theoretical foundations and research based interventions related to psychosocial effects of illness, health behaviors, health promotion and disease prevention. Critically examines patterns of health behaviors, influence of psychosocial issues, risk assessment, lifestyles, and developmental stages.

**NURS 620. Advanced Practice Roles. 2 Credits.**

Focus on the advanced practice nurse's role expectations. Includes an understanding of the profession, regulations and rules of advanced practice, scope of practice, legal ramifications of scope of practice, interdisciplinary, collaborative practice. Prereq: NURS 634P, NURS 641P.

**NURS 623. The Nurse As Educator. 4 Credits.**

Major study in selected area with an emphasis in research. Prereq: NURS 632.

**NURS 624. Advanced Transcultural Nursing. 3 Credits.**

Program planning to promote the health of diverse populations will be based on epidemiological data, theory and research. Students will select a specific age group or health problem within a population/cultural group to study in depth. Prereq: NURS 608.

**NURS 640. Adult Nursing I. 3 Credits.**

Evaluation and synthesis of advanced pathophysiology concepts applied to nursing and health related theories, and research related to client outcomes. Health and illness phenomena, symptom management, and nursing interventions will be reviewed. Prereq: NURS 612 and NURS 616.

**NURS 640P. Adult Nursing Practicum I. 3-6 Credits.**

Clinical opportunities for application of clinical experiences in a primary care setting. Theory, research and didactic learning experiences are incorporated in the students practice and supervised by a health care provider with expertise in the area of specialization. Prereq: NURS 640.

**NURS 641. Adult Nursing II. 3 Credits.**

Continuation of Adult Nursing I. Emphasis on clinical decision-making, teaching/learning theory and formulation of researchable questions for advanced nursing practice as an adult CNS. Prereq: NURS 640.

**NURS 641P. Adult Nursing Practicum II. 3-6 Credits.**

An extended practicum time allowing the student a chance to more fully integrate skills and knowledge learned through the graduate program. Emphasis will continue on consultation, program planning, education, health promotion, and prevention of disease/illness. Prereq: NURS 641.

**NURS 690. Graduate Seminar. 1-3 Credits.****NURS 693. Individual Study. 1-5 Credits.****NURS 695. Field Experience. 1-15 Credits.****NURS 696. Special Topics. 1-5 Credits.****NURS 701. Theoretical Perspectives of the Discipline. 3 Credits.**

The course is designed to help the student analyze, critique and apply a variety of nursing theories, models and conceptual frameworks in advanced nursing practice.

**NURS 702. Ethics and Health Policy in Nursing. 2 Credits.**

Analyze interactions among common clinical, organizational, societal, and policy decisions from ethical and legal perspectives. Evaluates selected theories and models of decision making and health care.

**NURS 704. Nursing Research/Evidence Based Practice. 3 Credits.**

Research in nursing includes an exploration of the research process and the methodologies appropriate to nursing.

**NURS 706. Health Care Delivery Systems, Financing and Informatics. 3 Credits.**

Analysis of health care system, financial management, use of informatics, and measurement of patient outcomes are the focus of this course. Advanced practice nurses play a leadership role while participating in system decisions including monitoring financial information, promoting quality improvement and managing and utilizing health care information.

**NURS 708. Transcultural & Social Perspectives. 3 Credits.**

Develop understanding of diversities in races, cultures, individuals, families, communities, populations, lifestyles, gender, and age groups. Changing demographics will be analyzed, major health needs identified, and health promotion and disease prevention plans formulated.

**NURS 715. Advanced Community Assessment. 3 Credits.**

Epidemiologic techniques, reporting, and research will be presented. Emphasis is placed on disease prevention and control. Health problems of national and international significance will be examined and strategies for solutions and/or management will be proposed. Prereq: an inferential statistics course.

**NURS 724. Curriculum Design in Nursing Education. 3 Credits.**

Presents curriculum philosophies and methods of program development and evaluation that prepare the educator for designing learner centered curricula that meet professional and national standards. Prereq: NURS 701. Co-req: NURS 704.

**NURS 725. Strategies for Teaching and Learning in Nursing Education. 3 Credits.**

Exploration of theory and evidence based teaching strategies for nursing education. Strategies and methods for teaching nursing education in a variety of settings are studied. The use of different technological tools and methods of student assessment are evaluated. Prereq: NURS 724.

**NURS 726. Evaluation and Assessment in Nursing Education. 3 Credits.**

Principles of assessment, measurement, and evaluation related to nursing education are analyzed in this course. Topics relevant to evaluation and the assessment of individual learning are examined. Processes of faculty and program evaluation are examined as well as the measurement of program outcomes. Prereq: NURS 725.

**NURS 728P. Nurse Educator Practicum I. 2 Credits.**

Students apply principles of teaching, learning and assessment of student learning in selected learning settings under the guidance of course faculty and a preceptor. Prereq: NURS 726.

**NURS 729P. Nurse Educator Practicum II. 3 Credits.**

Students examine elements of the nursing program and participate in a faculty role under the supervision of course faculty and a program faculty preceptor. The focus of this practicum is participation in programmatic development, evaluation and assessment. Prereq: NURS 728P.

**NURS 790. Graduate Seminar. 1-3 Credits.****NURS 791. Temporary/Trial Topics. 1-5 Credits.****NURS 793. Individual Study. 1-5 Credits.****NURS 794. Practicum. 1-8 Credits.****NURS 795. Field Experience. 1-15 Credits.****NURS 796. Special Topics. 1-5 Credits.****NURS 797. Master's Paper. 1-3 Credits.****NURS 797S. Comprehensive Project. 1-6 Credits.**

An in-depth research study/project in a graduate student's field of study. Prereq: Graduate standing.

**NURS 798. Master's Thesis. 1-10 Credits.****NURS 810. Health Promotion and Disease Prevention. 2 Credits.**

This course critically examines patterns of health behaviors, risk assessment, lifestyles, developmental stages, sociocultural, psychological, and spiritual contributions to well-being. Includes data-based assessment and management of preventive health services and common acute and chronic conditions.

**NURS 812. Advanced Health Assessment. 3 Credits.**

Performance of health histories, complete physical/psychosocial assessments, and developmental assessments of clients from across the lifespan. A laboratory component is included.

**NURS 812P. Assessment Practicum. 6 Credits.**

In this course the student integrates health history, physical examination and laboratory evaluations in a plan for management of client needs. Prereq: NURS 612.

**NURS 814. Advanced Pathophysiology I. 2 Credits.**

General pathophysiological responses to selected body systems to disease processes are presented from both biological and behavioral perspectives. Emphasis on normal cellular function, developmental changes and common physiological symptoms.

**NURS 816. Advanced Pathophysiology II. 2 Credits.**

Builds on the context from NURS 614 with emphasis on normal cellular function, developmental changes and common physiological symptoms. Synergistic clinical manifestations and total body-mind responses to system alterations. Prereq: NURS 614.

**NURS 820. Advanced Practice Roles. 2 Credits.**

Scope of practice, legal parameters of advanced practice, collaborative and interdisciplinary practice in the advanced nursing role. Prereq: NURS 601, NURS 602, NURS 606.

**NURS 830. Clinical Applications. 3 Credits.**

Student designs individualized study in an area of focus. Options include extension of a scholarly study, extended clinical practice, intensive study of specialized treatment modality and other appropriate foci. Prereq: NURS 634.

**NURS 831. Advanced Pharmacology I. 2 Credits.**

Information relative to therapeutic management guidelines for treatment of selected disease processes. Drug information by classification and basic principles of pharmacodynamic and pharmacokinetics, clinical uses, mechanisms of action, contraindications, adverse reactions, and client education implications.

**NURS 832. Advanced Pharmacology II. 2 Credits.**

Continuation of information relative to therapeutic management guidelines for treatment of selected disease processes. Drug information by classification and basic principles of pharmacodynamic and pharmacokinetics, clinical uses, mechanisms of action, contraindications, adverse reactions, and client education implications. Prereq: NURS 631.

**NURS 833. Family Primary Care I: Assessment and Management. 3 Credits.**

Clinical decision making skills are fostered in the diagnosis, management, monitoring and evaluation of common acute, emergent, and chronic health conditions. Selected case studies of clients will be examined in relation to problems, diagnoses, plans, and evaluations. Prereq: NURS 612P, NURS 616.

**NURS 833P. Family Primary Care: Residency I. 6 Credits.**

Student synthesizes skills acquired in previous didactic and clinical courses to provide diagnosis, treatment, and management of an increasingly varied group of clients. Prereq: NURS 633.

**NURS 834. Family Primary Care II: Assessment and Management. 3 Credits.**

Clinical decision making skills are fostered in the diagnosis, management, monitoring and evaluation of common acute, emergent, and chronic health conditions. Selected case studies of clients will be examined in relation to problems, diagnoses, plans, and evaluations. Prereq: NURS 733.

**NURS 834P. Family Primary Care: Residency II. 6 Credits.**

Student synthesizes skills acquired in previous didactic and clinical courses, in particular NURS 733P, to provide diagnosis, treatment, and management of an increasingly varied group of clients. Prereq: NURS 634, NURS 733P.

**NURS 835. Family Primary Care III: Assessment and Management. 2 Credits.**

Continuation of Family Primary Care I and II. Focus on health promotion, maintenance, restoration and disease prevention. Application of health-related theories, family dynamics, methods of human genetics, research protocols, ethics, cost effectiveness and legal ramifications for advanced nursing practice. Prereq: NURS 734.

**NURS 835P. Practicum IV: FNP Role Integration. 4-8 Credits.**

Application of skills and clinical experiences in primary care. Didactic learning is incorporated in the student's practice, supervised by a health care provider who has documented expertise in the area of specialization. History, PE, and lab will be integrated into evaluation of clients. Prereq: NURS 733P.

**NURS 836P. Practicum V: FNP Role Integration. 4-8 Credits.**

Application of skills and clinical experiences in primary care. Didactic learning is incorporated in the student's practice, supervised by a health care provider who has documented expertise in the area of specialization. History, PE, and lab will be integrated into evaluation of clients. Culminating in 1020 hours of clinical experience. Prereq: NURS 735P.

**NURS 850P. Family Primary Care: Specialty Practicum. 2 Credits.**

Students are immersed into a specialty clinical area and supervised by a healthcare provider with expertise in the specialty. Theory, research, and didactic learning are incorporated in the student's clinical experience. Prereq: NURS 834P.

**NURS 893. Individual Study/Tutorial. 1-5 Credits.**

**NURS 899S. Clinical Dissertation. 1-15 Credits.**

The clinical dissertation is a scholarly work that focuses on practice issues. It involves identification, development, implementation, and evaluation and/or dissemination of an evidence-based project addressing a current clinical issue. Graded 'S' or 'U'.