

COLLEGE OF NURSING

Web Site: <http://www.twu.edu/nursing/>

Courses

NURS 2213. Introduction to Health Informatics. Overview of the field of health informatics; concepts of health informatics; use of technology in the delivery of health care; design, configuration, use, and maintenance of informatics interventions that improve health care delivery. Prerequisite: CSCI 1513. Three lecture hours a week. Credit: Three hours.

NURS 2313. Advanced Health Informatics. Detailed exploration of the field of health informatics; advanced concepts of health informatics and use of technology in the delivery of health care. Development of information technology-based ethical, economic, life cycle, work flow, and decision support skills to improve health care delivery. Prerequisite: NURS 2213. Three lecture hours a week. Credit: Three hours.

NURS 3005. Concepts and Clinical Competencies. Focuses on beginning concepts and clinical competencies while learning and applying knowledge about nursing as a practice profession. Explores aspects of health promotion and health maintenance including information about health care delivery systems. Introduces ethical, legal, economic, and political influences as they impact health care and health care providers globally. Prerequisite: Admission to upper-division nursing. Co-requisites: NURS 3614, NURS 3813, and BIOL 4344. Three lecture hours a week and 90 clinical hours. Credit: Five hours.

NURS 3025. Women's Health and Family Role Competencies. Focuses on nursing's role with women, childbearing women, and developing families across the lifespan. Emphasizes aspects of health promotion, restoration, and maintenance, including impact of life experiences. Explores unique role and contributions of nursing in relation to collaborative management of individuals and families during childbearing. The clinical setting concentrates on development of nursing skills and critical thinking appropriate for use with the developing family. Prerequisites: NURS 3614, NURS 3005, NURS 3813, and BIOL 4344. Three lecture hours a week and 90 clinical hours. Credit: Five hours.

NURS 3035. Adult Health Competencies I. Focuses on unique role and contributions of nursing to collaborative management of adults with acute and chronic health problems. Emphasizes health promotion and health maintenance including restoration and rehabilitation activities for adults within the family system. The clinical experiences focus on evidence-based nursing care concepts and clinical competencies in the care and management of adult health problems. Prerequisites: NURS 3614, NURS 3005, NURS 3813, and BIOL 4344. Three lecture hours a week and 90 clinical hours. Credit: Five hours.

NURS 3083. Introduction to the Professional Nursing Role. Professional identity implications for the baccalaureate-prepared nurse. Socioeconomic, ethical, and self-care strategy considerations for nurses. Prerequisite: Admission to ABSN program. Three seminar hours a week. Credit: Three hours.

NURS 3112. Nursing Honors Seminar. TWU Nursing Honors Scholar Program tenets of leadership, scholarship, research, and service. Investigation of scholarly undergraduate research, service-learning, or global nursing honors experiences leading to the TWU Honors capstone project graduation requirement. Mentored development of an honors capstone project proposal and timeline for completion. Prerequisite: Approval from the Nursing Honors Scholar Program Coordinator. Two seminar hours a week. Credit: Two hours.

NURS 3122. Advanced Nursing Assessment. Clinically relevant holistic health assessment for individuals throughout the lifespan. Builds on prior assessment community college coursework. Consideration of physical, psychosocial, and spiritual dimensions of the individual in conducting holistic health assessment. Culturally appropriate methods to elicit accurate and complete health information. Prerequisite: Admission to the Blended BSN Program. Two lecture hours a week. Credit: Two hours.

NURS 3143. Multicultural Women's Health Issues. Focuses on roles and health needs of women within the context of their culture. Empowerment of women to overcome barriers to health access and delivery will be emphasized. Cultures will be organized by ethnicity, sexual orientation, and age groups as well as alternative health practices. Satisfies three hours Core Component Area Option (90). Three lecture hours a week. Credit: Three hours.

NURS 3173. Conceptual Foundations of Baccalaureate Nursing Practice. Utilization of nursing assessment data to identify client needs. Emphasis on meeting patient needs in a nursing care delivery context. Introduction to clinical reasoning concepts. Prerequisite: NURS 3803. Co-requisites: NURS 3183 and NURS 3624. Three lecture hours a week. Credit: Three hours.

NURS 3183. Nursing Competencies for Foundations of Practice. Application of foundational nursing care concepts and processes in providing patient care. Emphasis on clinical reasoning and psychomotor nursing skills. Prerequisite: NURS 3083. Co-requisites: NURS 3173 and NURS 3624. 90 clinical hours and a laboratory intensive. Credit: Three hours.

NURS 3203. Nursing Scholarship I. Foundational evidence-based practice for baccalaureate nursing scholarship with an emphasis on information literacy. Prerequisites: NURS 3173, NURS 3183, and NURS 3624. Three lecture hours a week. Credit: Three hours.

NURS 3213. Business Analysis of Health-Generated Data. Business intelligence (BI) tools applied to health data to analyze population health trends, financial trends, and policy impacts. Hands-on skills development of the tools for optimal illustration/display of findings. Prerequisites: CSCI 3423 and NURS 2313. Three lecture hours a week. Credit: Three hours.

NURS 3223. Internet Resources for Health Promotion. Exploration of health data in relation to national health care quality outcomes and electronic measures (e.g., National Quality Forum) applied to community-based health promotion. Data extraction, data management, and trend analysis for national health databases, reports, policies, and costs. Prerequisite: NURS 2313. Three lecture hours a week. Credit: Three hours.

NURS 3503. Nursing Role in Regenerative and Restorative Care. Utilization of clinical judgment and evidence-based practice in planning nursing care for adults in various care settings. Emphasis on management of alterations in adult health along the wellness continuum. Prerequisites: NURS 3624, NURS 3173, NURS 3183. Corequisite: NURS 3512. Three lecture hours a week. Credit: Three hours.

NURS 3512. Nursing Competencies in Regenerative and Restorative Care. Delivery of care to adults with alterations in health. Utilization of the nursing process to demonstrate clinical judgment. Prerequisites: NURS 3173, NURS 3183, and NURS 3624. Co-requisite: NURS 3503. 90 clinical hours and a laboratory intensive. Credit: Two hours.

NURS 3612. Introduction to Nursing Research. Focuses on research process at an introductory level. Emphasizes nursing research and its relevance to nursing practice. Prerequisite: Statistics. Co-requisite: NURS 3005. Two lecture hours a week. Credit: Two hours.

NURS 3614. Nursing Assessment across the Life Span. Focuses on physical and psychosocial techniques of health assessment. Emphasizes influences of spirituality, culture, and human sexuality on individuals of all ages. Clinical experiences provide opportunities to apply interview and assessment skills in community-based settings. Co-requisite: BIOL 4344. Three lecture hours a week and 90 clinical hours. Credit: Four hours.

NURS 3624. Conceptual Foundations of Pharmacotherapeutics.

Interactions between pathophysiology and pharmacology in support of clinical decision-making. Pharmacological concepts and principles in promoting wellness and treatment of disease. Nurses' professional responsibility in providing effective care through pharmacological therapies. Prerequisite: NURS 3083. Corequisite: NURS 3173 and NURS 3183. Four lecture hours a week. Credit: Four hours.

NURS 3643. RN Introduction to Baccalaureate Nursing. Focuses on the transition to baccalaureate nursing for the registered nurse. Emphasizes aspects of socialization, communication, and professional accountability. Introduces the concepts of health promotion, health maintenance, and health protection. Designed to be the entry-level course for and limited to registered nurses. Prerequisites: Admission to upper division nursing and current licensure to practice in the state of Texas as a registered nurse. Three lecture hours a week. Credit: Three hours.

NURS 3713. Survey of Informatics in Nursing and Health. Explores the various aspects of health care informatics including the differences among data, information, knowledge and wisdom; examines the use of health care technology, its design and how the technology may influence patient outcomes in diverse locations and populations. Three seminar hours a week. Credit: Three hours.

NURS 3762. Nursing Implications of Altered Sexuality. Human sexuality and culturally sensitive nursing implications of select diseases, surgeries, or medications which alter sexual response. Prerequisite: BIOL 4344. Two seminar hours a week. Credit: Two hours.

NURS 3804. RN with Families and Groups. Focuses on nursing's role with families and groups. Emphasizes aspects of health promotion and health maintenance with families and groups. Examines the developing family and group, family and group dynamics, impact of illness (disease) states, situational crises, the advocacy process, and the impact of politics on the systems. Limited to registered nurses. Prerequisites: NURS 3643. Taken prior to or concurrent with NURS 4614. Four lecture hours a week. Credit: Four hours.

NURS 3813. Pharmacology. Focuses on pharmacologic aspects of nursing practice. Builds a knowledge base of classifications of drugs and emphasizes the nurse's role and responsibility in drug administration. Prerequisites: Admission to upper division nursing. Co-requisite: BIOL 4344. Taken prior to NURS 3025 and NURS 3035. Three lecture hours a week. Credit: Three hours.

NURS 4011. Nursing Honors Capstone I. Mentored development of detailed plan for research, service-learning, or study abroad honors capstone project proposal developed in NURS 3112. Project-specific objectives, timeline for completion, synthesis of literature, detailed plan for implementation and collaboration with other capstone students, and presentation of project progress. Prerequisite: NURS 3112. Credit: One hour.

NURS 4021. Nursing Honors Capstone II. Continuation of nursing honors capstone project implementation leading to written report on the project. Independent work supervised by faculty mentor and collaboration with peers to develop professional skills. Presentation and appraisal of ongoing project progress. Prerequisites: NURS 4011. Credit: One hour.

NURS 4026. Critical Competency Integration. Focuses on the integration of clinical concepts and competencies to collaboratively manage care of individuals and groups of patients. Applies nursing leadership and management concepts within the organizational structure of health care settings. Prerequisites: NURS 4045, NURS 4055, and NURS 4615. Co-requisites: NURS 4803 and NURS 4614. Two lecture hours a week and 180 clinical hours. Credit: Six hours.

NURS 4031. Nursing Honors Capstone III. Completion of nursing honors capstone and dissemination of findings with a focus on leadership and professional development of self and others. Presentation and submission of project to TWU Honors Scholar Program Capstone Committee. Identification of additional opportunities for dissemination of findings at professional forums or in journals. Prerequisite: NURS 4021. Credit: One hour.

NURS 4045. Adult Health Competencies II. Focuses on the unique role and contributions of nursing to collaborative management of adults with complex acute and chronic health problems. Applies the nursing process in providing care in high acuity settings. Utilizes evidence-based nursing care concepts and clinical competencies in the care and management of adults with complex health problems. Prerequisites: NURS 3612, NURS 3025, and NURS 3035. Three lecture hours a week and 90 clinical hours. Credit: Five hours.

NURS 4055. Child Health Competencies. Focuses on the development of nursing knowledge and clinical competencies necessary to provide health care to children/adolescents within the context of a family in a collaborative health care environment. Emphasizes developmentally appropriate nursing care to patients from culturally diverse backgrounds. Prerequisites: NURS 3612, NURS 3025, and NURS 3035. Three lecture hours a week and 90 clinical hours. Credit: Five hours.

NURS 4102. Power of Nursing. Exploration of personal meaning of nursing work and deeply held values that underlie the profession through the Remen Institute for the Study of Health and Illness Power of Nursing program. Focus on trusting the power of listening, formulating a personal compassionate response to loss, discovering the power to make perspectives visible, and exploring the concept of calling and commitment in the nursing role. Two seminar hours a week. Credit: Two hours.

NURS 4112. Healthcare Disparities and People of Color. Bias and its effect on the healthcare of people of color within the United States. Examination of personal, institutional, and systemic bias and development of steps to modify healthcare disparities. Two lecture hours a week. Credit: Two hours.

NURS 4113. Applications and Devices for Health Promotion. Selection and application of consumer-based technologies for health promotion and self-management. Focus on project management, electronic health record-related integration, and population-specific needs assessment. Prerequisite: NURS 2313. Three lecture hours a week. Credit: Three hours.

NURS 4122. Nursing Competencies in Family Wellness. Delivery of care to childbearing and childrearing families. Focuses on assisting families to achieve health goals in diverse populations through teaching and advocacy. Prerequisites: NURS 3624, NURS 3173, NURS 3183. Corequisite: NURS 4123. 90 clinical hours and a laboratory intensive. Credit: Two hours.

NURS 4123. The Nursing Role in Family Wellness. Promotion of wellness in childbearing and childrearing families with a focus on improving health equity and outcomes through primary and secondary care of diverse populations. Prerequisites: NURS 3173, NURS 3183, and NURS 3624. Co-requisite: NURS 4122. Three lecture hours a week. Credit: Three hours.

NURS 4132. Nursing Student Success. Strategies for learning success. Integration of information necessary for development of expert learning strategies to enhance critical thinking and clinical judgment. Two lecture hours a week. Credit: Two hours.

NURS 4142. Nursing Competencies in Population Wellness. Management of population health in collaboration with community partners to support equitable health outcomes, including the impact of mental health problems on community well-being. Satisfies Global Perspectives graduation requirement. Prerequisites: NURS 3624, NURS 3173, and NURS 3183. Corequisite: NURS 4153. 90 clinical hours and a laboratory intensive. Credit: Two hours.

NURS 4153. The Nursing Role in Population Wellness. Planning nursing care in the community setting with examination of social determinants of health and mental health. Surveillance, prevention, and containment of factors affecting population health. Satisfies Global Perspectives graduation requirement. Prerequisites: NURS 3624, NURS 3173, and NURS 3183. Corequisite: NURS 4142. Three lecture hours a week. Credit: Three hours.

NURS 4202. Care of the Veteran and Family. Identification of veterans and their families as a population. Evaluation of the complex health and illness care management needs of veterans and family members. Exploration of the veteran health care system and the resources available to veterans and their families. Prerequisite: Admission to nursing B.S. program. Two lecture hours a week. Credit: Two hours.

NURS 4203. Nursing Scholarship II. Strategies utilized to translate and integrate evidence into nursing practice. Focus on problem identification with supporting evidence and the ability to communicate recommendations to public audiences. Prerequisites: NURS 3203, NURS 3503, and NURS 3512. Three lecture hours a week. Credit: Three hours.

NURS 4213. Interface Design in Health Informatics. Human-computer, user-centered interface design applied to health information systems, medical devices, and mobile applications. Usability principles, workflow methods, and error management activities. Prerequisite: NURS 2313. Three lecture hours a week. Credit: Three hours.

NURS 4302. Nursing Advocacy. The nursing professional's role in identifying resources and strategies for advocacy across a variety of healthcare settings. History and legal framework of nursing advocacy and skills needed to function as a nurse advocate at the local, state, national, and global levels. Prerequisite: Admission to the B.S.N. program. Two lecture hours a week. Credit: Two hours.

NURS 4313. Telecommunications/Networking for Remote Management. Telecommunication/networking application using health information technology for urban, rural, and under-served geographic areas. Application of technology, data analytics, finance, and policy/regulation. Simulated practice for a telemedicine cart clinical encounter/visit. Prerequisite: NURS 2313. Three lecture hours a week. Credit: Three hours.

NURS 4402. Nursing Implications of Dysrhythmias. Introduction to the basics of electrocardiography (ECG), including common dysrhythmias and the implications for nursing care. Prerequisite: Admission to nursing B.S.N. program. Two lecture hours a week. Credit: Two hours.

NURS 4502. Clinical Ethics in Professional Nursing. An investigation of bio-ethic principles that focus on critical thinking made applicable to problem-solving of ethical dilemmas in nursing; explore theories, models, and approaches in the analysis of clinical cases according to ethical standards that facilitate effective health care delivery. Two lecture hours a week. Credit: Two hours.

NURS 4512. Palliative Care Nursing. Role of nursing in the palliative management of clients living with serious chronic illness. Methods for providing relief of symptoms for clients who have irreversible illnesses. Application of best practice evidence related to palliative care skills such as assessment and management of symptoms and pain, psychosocial and spiritual issues, communication, and ethical and legal issues. Prerequisite: Nursing major. Two lecture hours a week. Credit: Two hours.

NURS 4532. Nursing Competencies in Regenerative and Restorative Care II. Application of clinical judgment in the delivery of care to patients in various care settings. Emphasis on the provision of person-centered care surrounding the end of life. Prerequisites: NURS 3503 and NURS 3512. Corequisite: NURS 4703. 90 clinical hours and a laboratory intensive. Credit: Two hours.

NURS 4602. The Nursing Experience with Groups. Focuses on nursing's role with groups. Emphasizes aspects of health promotion and health maintenance including collaborative planning and advocacy process. Examines group dynamics, situational crises, and impact of politics. Prerequisite: NURS 3005. Two lecture hours a week. Credit: Two hours.

NURS 4612. Promoting Wellness in the Aging Family. Focuses on preserving health in families with aging individuals. Builds knowledge base for nurses' participation in managing health care problems and developing strategies for promoting wellness in aging individuals. Examines role changes in the family constellation as a result of the aging process. Prerequisites: NURS 3005, NURS 3614, NURS 3813, and BIOL 4344. Two lecture hours a week. Credit: Two hours.

NURS 4614. Community Health Competencies. Focuses on nursing's advocacy role in health promotion, health protection, and health maintenance and the collaborative role in management of health care needs of diverse groups. Experiences emphasize clinical reasoning in a variety of community settings. Satisfies Global Perspectives graduation requirement. Prerequisites: NURS 3612, NURS 3614, NURS 4045, NURS 4055, and NURS 4615. Two lecture hours a week and 90 clinical hours. Credit: Four hours.

NURS 4615. Mental Health Competencies. Focuses on the unique contributions of nursing to collaborative management of health problems which effect behavior. Clinical experiences with individuals, families, and groups in a variety of settings emphasize development of clinical judgments and clinical competencies that promote mental wellness. Prerequisites: NURS 3612, NURS 3025, NURS 3035, NURS 4602, and NURS 4612. Three lecture and six clinical hours a week. Credit: Five hours.

NURS 4703. The Nursing Role in Regenerative and Restorative Care. Utilization of clinical judgment with a focus on planning nursing care surrounding the end-of-life. Prerequisites: NURS 3503 and NURS 3512. Co-requisite: NURS 4532. Three lecture hours a week. Credit: Three hours.

NURS 4723. Applied Statistics in Healthcare Informatics. Quantification and interpretation of clinical phenomena with emphasis on analysis of relational statements processed with Microsoft Excel and statistical software (e.g., IBM SPSS). Use of Texas health care databases, national data sets, and quality indicators. Prerequisites: MATH 1713 and NURS 2313. Three lecture hours a week. Credit: Three hours.

NURS 4803. The Nursing Leadership and Management Experience.

Focuses on leadership and management theories, trends, and issues in health care. Emphasizes professional nursing's role in health care and health care delivery systems. Compares strategies for entry into professional nursing practice. Prerequisites: NURS 3643, NURS 4045, NURS 4055, and NURS 4615. Three lecture hours a week. Credit: Three hours.

NURS 4823. Competencies in RN Transition to Baccalaureate Nursing.

Focuses on critical thinking and nursing practice skills in managing health care problems. Students practice leadership and management skills within the organizational structure of health care settings. Limited to registered nurses. Prerequisites: NURS 3612, NURS 3643, and NURS 3614. Corequisite: NURS 4803. 135 clinical hours. Credit: Three hours.

NURS 4833. Transition to Baccalaureate Nursing Practice. Applications of the clinical judgment measurement model with an emphasis on leadership skills. Prerequisites: NURS 3203, NURS 4122, NURS 4123, NURS 4142, NURS 4153, NURS 4532, and NURS 4703. Co-requisites: NURS 4203 and NURS 4933. Three lecture hours a week. Credit: Three hours.

NURS 4902. Special Topics. Study of selected issues in nursing. May be repeated for credit when topics vary. Prerequisites: Senior standing in nursing or permission of instructor. Two lecture hours a week. Credit: Two hours.

NURS 4903. Special Topics. Study of selected problems in nursing. May be repeated for credit when topics vary. Prerequisite: Senior standing in nursing or permission of instructor. Three lecture hours. Credit: Three hours.

NURS 4904. Special Topics. Study of selected problems in nursing. May be repeated for credit when topics vary. Prerequisite: Permission of instructor. Credit: Four hours.

NURS 4911. Independent Study. Study of selected nursing problems. May be repeated for credit when problems vary. Credit: One hour.

NURS 4912. Independent Study. Study of selected nursing problems. May be repeated for credit when problems vary.

NURS 4913. Independent Study. Study of selected nursing problems. May be repeated for credit when problems vary. Credit: Three hours.

NURS 4923. Capstone in Interprofessional Informatics. Culminating organization and/or community-based interdisciplinary/interprofessional project supported through informatics and technology and applied to a specific domain to demonstrate knowledge and skills acquired in the informatics or health informatics program. Prerequisite: Taken after completion of all but the last 24 hours (SCHs) of the program. Credit: Three hours.

NURS 4933. Nursing Clinical Practice Immersion. Delivery of safe, competent nursing care. Role of the nurse in an interprofessional team. Prerequisites: NURS 3203, NURS 4122, NURS 4123, NURS 4142, NURS 4153, NURS 4532, and NURS 4703. Co-requisites: NURS 4203 and NURS 4833. 180 clinical hours and a laboratory intensive. Credit: Three hours.

NURS 4952. Experiential Learning in Nursing. Application and integration of communication, prioritization skills, team membership, and clinical judgment skills in a nursing clinical externship or experiential learning activity. Prerequisite: Admission to the baccalaureate nursing program. 90 clinical hours. Credit: Two hours.