

# Nursing Science (NS)

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## Courses

### NS A204 Technology and Nursing Informatics 3 Credits

Concepts and applications of nursing informatics in health care organizations. Evaluate the impact of technology on nursing practice and on client education, including privacy and security issues. Explore electronic resources available to clients and nurses.

**Registration Restrictions:** Admission to clinical nursing major or RN licensure in the state of Alaska.

**Prerequisites:** (PHIL A101 with a minimum grade of D or PHIL A201 with a minimum grade of D) or ENGL A120 with a minimum grade of D.

**Corequisites:** NS A216 AND NS A300.

### NS A205 Nursing Informatics 3 Credits

Concepts and applications of nursing informatics in health care organizations. Explore electronic resources available to clients and nurses.

**Registration Restrictions:** Admission to clinical major and/or RN licensure in the state of Alaska.

### NS A216 Pathophysiology 4 Credits

Basic conceptual study of disease and the resultant abnormal functioning. Key concepts are utilized to assist students to develop knowledge and understanding of basic physiologic mechanisms of and responses to disease.

**Special Note:** Offered fall and spring semesters.

**Registration Restrictions:** Admission to clinical nursing major or RN licensure in state of Alaska

**Prerequisites:** (BIOL A112 with a minimum grade of C and BIOL A112L with a minimum grade of C) and (CHEM A104 with a minimum grade of C and CHEM A104L with a minimum grade of C).

**Corequisites:** NS A204 AND NS A300.

### NS A230 Pathophysiology for Health Professions 3 Credits

Introduces students to basic physiologic mechanisms of and responses to disease. Focuses on disease processes and resulting abnormal functions.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing.

### NS A231 Pharmacology for Health Professions 3 Credits

Introduces pharmacokinetics and pharmacodynamics. Describes prescription and non-prescription drug use across the lifespan of patients and populations with varying health needs. Emphasizes technological advances in medication safety, genetics and genomics, and health promotion.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A230 with a minimum grade of C and NS A332 with a minimum grade of C and NS A332L with a minimum grade of P and NS A332P with a minimum grade of P and NS A333 with a minimum grade of C and NS A333L with a minimum grade of P and NS A334 with a minimum grade of C.

**Corequisites:** NS A231L.

### NS A231L Pharmacology for Health Professions Lab 1 Credit

Focuses on medication administration techniques, including, but not limited to, oral, topical, injectable and intravenous routes. Highlights medication administration safety issues and correct administration processes. Introduces medication dosage calculation formulas.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing.

**Prerequisites:** NS A230 with a minimum grade of C and NS A332 with a minimum grade of C and NS A332L with a minimum grade of P and NS A332P with a minimum grade of P and NS A333 with a minimum grade of C and NS A333L with a minimum grade of P and NS A334 with a minimum grade of C.

**Corequisites:** NS A231.

### NS A300 Foundations of Nursing I: Roles, Processes, and Trends 3 Credits

Introduces concepts, theories and processes that inform the discipline of nursing, ethical and legal standards that govern nursing practice, and intellectual, interpersonal and technical competencies required of the professional nurse. Examines the development of professional nursing, nursing roles and practice environments, and contemporary issues and trends.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** PHIL A101 with a minimum grade of C or PHIL A201 with a minimum grade of C or ENGL A120 with a minimum grade of C.

### NS A303 Foundations of Nursing Practice: Therapeutics 3 Credits

Focuses on systematic use of the nursing process to care for individuals in a variety of settings. Emphasizes identifying physiological and psychosocial alterations in health patterns and basic therapeutic nursing interventions.

**Special Note:** Offered fall, spring and summer semesters.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A204 with a minimum grade of C and NS A216 with a minimum grade of C and NS A300 with a minimum grade of C.

**Corequisites:** NS A303L AND NS A309.

### NS A303L Foundations of Nursing Practice: Therapeutics Laboratory 4.5 Credits

Utilizes the nursing process and the performance of therapeutic nursing interventions in the laboratory and clinical settings.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A204 with a minimum grade of C and NS A216 with a minimum grade of C and NS A300 with a minimum grade of C.

**Corequisites:** NS A303 AND NS A309.

### NS A305 Health Assessment of Individuals 2 Credits

Focuses on health assessment across the lifespan with an emphasis on interviewing and data collection, interpretation and documentation. Provides the skills for developing a systematic approach to performing a health history and physical examination.

**Special Note:** Offered only in Fall semester.

**Registration Restrictions:** Admission to the clinical major and RN licensure in the state of Alaska

**Corequisites:** NS A305L.

**NS A305L Health Assessment of Individuals Laboratory 1 Credit**  
Laboratory experience to apply knowledge and skills introduced in NS A305.

**Registration Restrictions:** Admission to clinical major and RN licensure in the state of Alaska.

**Corequisites:** NS A305.

**NS A307 Foundations of Nursing Practice: Health Assessment Theory 1 Credit**

Develops the knowledge and skills necessary to perform an adult health assessment. Emphasizes integration of the nursing process in patient-centered health assessments, including risk assessment and reduction. Uses a variety of learning techniques to teach physical, psychological, sociocultural and spiritual approaches to health assessment.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A204 with a minimum grade of C and NS A216 with a minimum grade of C and NS A300 with a minimum grade of C.

**Corequisites:** NS A307L.

**NS A307L Foundations of Nursing Practice: Health Assessment Laboratory 2 Credits**

Develops the knowledge and skills necessary to perform an adult health assessment. Emphasizes integration of the nursing process in patient-centered health assessments, including risk assessment and reduction. Uses a variety of techniques to teach physical, psychological, sociocultural and spiritual approaches to health assessment.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A204 with a minimum grade of C and NS A216 with a minimum grade of C and NS A300 with a minimum grade of C.

**Corequisites:** NS A307.

**NS A308 Dimensions of Professional Nursing Practice 3 Credits**

Facilitates the RN student's return to school to the baccalaureate nursing program. Introduces the theories, concepts, roles, and competencies relevant to professional nursing practice. The history of nursing provides the context for exploring the evolution of nursing as a profession. Examines current social, political, and legal issues and trends in health care and their implications for nursing practice and the RN student's goals for professional development.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**NS A309 Pharmacology in Nursing 3 Credits**

In-depth consideration of the use of prescription and non-prescription drugs by individuals at varying developmental levels and with differing health status. Within the context of the nursing process, students develop the knowledge and skills needed to safely administer drugs, to assist clients to develop decision-making skills to enable independent management of drug regimens, to evaluate clients' responses to drug therapy, and to prevent and minimize toxicity.

**Registration Restrictions:** Admission to Bachelor of Science in Nursing or RN licensure in the state of Alaska.

**Prerequisites:** NS A204 with a minimum grade of C and NS A216 with a minimum grade of C and NS A300 with a minimum grade of C.

**NS A313 Health Disruptions I 3 Credits**

Introduces episodic health disruptions occurring across the lifespan to include collaborative care and nursing management. Nursing therapeutics focus on nursing management of the individual and the family within an acute care setting.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A204 with a minimum grade of C and NS A216 with a minimum grade of C and NS A300 with a minimum grade of C and NS A303 with a minimum grade of C and NS A303L with a minimum grade of P and NS A307 with a minimum grade of C and NS A307L with a minimum grade of C and NS A309 with a minimum grade of C.

**Corequisites:** NS A313L.

**NS A313L Health Disruptions I Laboratory 3 Credits**

Introduces episodic health disruptions occurring across the lifespan to include collaborative care and nursing management. Emphasizes psychomotor competencies associated with clinical conditions in the clinical setting. Focuses on nursing management of the individual and the family within the acute care setting.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A303 with a minimum grade of C and NS A303L with a minimum grade of P and NS A307 with a minimum grade of C and NS A307L with a minimum grade of C and NS A309 with a minimum grade of C.

**Corequisites:** NS A313.

**NS A314 Health I for Registered Nurses 2 Credits**

Emphasizes health promotion, illness prevention, and health protection strategies for individuals and families across the lifespan to achieve and maintain healthy lifestyles and self-management of health. Introduces concepts of community health nursing, epidemiology, and injury prevention.

**Special Note:** Offered only in Spring semester.

**Registration Restrictions:** Admission to the clinical major and RN licensure in the state of Alaska.

**Prerequisites:** NS A308 with a minimum grade of C.

**Corequisites:** NS A314L AND NS A417.

**NS A314L Health I for Registered Nurses Laboratory 2 Credits**

Provides clinical experience to build skills and reinforce student learning in NS A314.

**Special Note:** Offered only in Spring semester.

**Registration Restrictions:** Admission to the clinical major and RN licensure in the state of Alaska.

**Prerequisites:** NS A308 with a minimum grade of C.

**Corequisites:** NS A314.

**NS A315 Health I: Nursing Therapeutics 3 Credits**

Emphasizes health states and risk factors amenable to health promotion and illness prevention efforts. Focuses on achieving and maintaining healthy lifestyles as well as self-management of health in individuals and families across the lifespan.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A204 with a minimum grade of C and NS A216 with a minimum grade of C and NS A300 with a minimum grade of C and NS A303 with a minimum grade of C and NS A303L with a minimum grade of P and NS A309 with a minimum grade of C and NS A313 with a minimum grade of C and NS A313L with a minimum grade of P.

**Corequisites:** NS A315L.

**NS A315L Health I: Nursing Therapeutics Laboratory 3 Credits**

Provides clinical experience to build skills and reinforce student learning in NS A315.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A204 with a minimum grade of C and NS A216 with a minimum grade of C and NS A300 with a minimum grade of C and NS A303 with a minimum grade of C and NS A303L with a minimum grade of P and NS A309 with a minimum grade of C and NS A313 with a minimum grade of C and NS A313L with a minimum grade of P.

**Corequisites:** NS A315.

**NS A332 Fundamentals of the Nursing Profession: Theory 3 Credits**

Introduces concepts, theories and processes that inform the discipline of nursing, as well as intellectual, interpersonal and technical competencies required of the professional nurse. Examines the history of professional nursing, nursing roles and practice environments, and contemporary issues and trends.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing.

**Corequisites:** NS A332L AND NS A332P.

**NS A332L Fundamentals of the Nursing Profession: Skills 2 Credits**

Introduces safety, concepts and standards of skill provision in nursing practice. Exposes students to hands-on practice of skills that will be used in the clinical setting. Skills are practiced in laboratory and/or simulation settings.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Corequisites:** NS A332 AND NS A332P.

**NS A332P Fundamentals of the Nursing Profession: Practicum 1****Credit**

Applies the nursing process and the performance of therapeutic nursing interventions. Introductory simulation and clinical experiences.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A230 with a minimum grade of C and NS A231 with a minimum grade of C and NS A231L with a minimum grade of C.

**Corequisites:** NS A332 AND NS A332L.

**NS A333 Assessment and Health Promotion of Diverse Populations: Theory 3 Credits**

Develops the knowledge and skills necessary for nursing assessment and health promotion. Emphasizes human health ecology models and patient-centered health assessments, including social determinants of health, risk assessment and health promotion.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Corequisites:** NS A333L.

**NS A333L Assessment and Health Promotion of Diverse Populations: Lab 1 Credit**

Practices the knowledge and skills used in nursing assessment and health promotion. Emphasizes health history and systematic physical health assessment.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Corequisites:** NS A333.

**NS A334 Nursing Informatics and Introduction to Evidence-Based Practice 3 Credits**

Explains the nursing role in health information technology including electronic medical records, telehealth systems, and data security. Introduces acquiring evidence for nursing practice using library resources. Development of digital nursing school portfolio.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**NS A388 Nursing Care of Adult Medical-Surgical Patients I: Theory 3 Credits**

Introduces episodic health disruptions occurring across adulthood to include collaborative care and nursing management. Nursing therapeutics focus on nursing management of the individual and the family within an acute care setting.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A230 with a minimum grade of C and NS A332 with a minimum grade of C and NS A332L with a minimum grade of P and NS A332P with a minimum grade of P and NS A333 with a minimum grade of C and NS A333L with a minimum grade of P and NS A334 with a minimum grade of C.

**Corequisites:** NS A388L AND NS A388P.

**NS A388L Nursing Care of Adult Medical-Surgical Patients I: Skills 2 Credits**

Applies current and prerequisite nursing coursework to foster increasingly difficult skill acquisition. Skills are practiced in a laboratory and/or simulation setting.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A230 with a minimum grade of C and NS A332 with a minimum grade of C and NS A332L with a minimum grade of P and NS A332P with a minimum grade of P and NS A333 with a minimum grade of C and NS A333L with a minimum grade of P and NS A334 with a minimum grade of C.

**Corequisites:** NS A388 AND NS A388P.

**NS A388P** Nursing Care of Adult Medical-Surgical Patients I: Practicum **3 Credits**

Applies current and prerequisite nursing coursework to patient care in clinical settings and/or simulation with adult medical-surgical patients. Focuses on demonstration of the nursing process with clinical judgement.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A230 with a minimum grade of C and NS A332 with a minimum grade of C and NS A332L with a minimum grade of P and NS A332P with a minimum grade of P and NS A333 with a minimum grade of C and NS A333L with a minimum grade of P and NS A334 with a minimum grade of C.

**Corequisites:** NS A388 AND NS A388L.

**NS A389** Nursing Care of Mental and Behavioral Health Disruptions: Theory **3 Credits**

Applies mental health nursing principles, pharmacology and theory to the care of clients with mental and behavioral health disruptions. Explores continuity of care for individuals with mental and behavioral health disruptions across care settings.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A230 with a minimum grade of C and NS A332 with a minimum grade of C and NS A332L with a minimum grade of P and NS A332P with a minimum grade of P and NS A333 with a minimum grade of C and NS A333L with a minimum grade of P and NS A334 with a minimum grade of C.

**Corequisites:** NS A389P.

**NS A389P** Nursing Care of Mental and Behavioral Health Disruptions: Practicum **1 Credit**

Applies current and prerequisite nursing coursework to an assigned clinical setting and/or simulation with individuals with mental or behavioral health disruptions. Focuses on demonstration of the nursing process and communication skills.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A230 with a minimum grade of C and NS A332 with a minimum grade of C and NS A332L with a minimum grade of P and NS A332P with a minimum grade of P and NS A333 with a minimum grade of C and NS A333L with a minimum grade of P and NS A334 with a minimum grade of C.

**Corequisites:** NS A389.

**NS A400** Nursing Research and Evidence-Based Practice **3 Credits**

Identifies researchable questions, problem formulation, research design, data collection and analysis. Explores roles of professional nurses and strategies for the application of nursing research findings in clinical practice.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing, if prerequisites are not met, then RN licensure in the state of Alaska is required.

**Prerequisites:** NS A231 with a minimum grade of C and NS A231L with a minimum grade of P and NS A388 with a minimum grade of C and NS A388L with a minimum grade of P and NS A388P with a minimum grade of P and NS A389 with a minimum grade of C and NS A389P with a minimum grade of P.

**NS A401** Health Disruptions II **3 Credits**

Emphasis on episodic health disruptions in specialty-focused care. Nursing therapeutics focus on care of individuals, families and environments.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A313 with a minimum grade of C and NS A313L with a minimum grade of P and NS A315 with a minimum grade of C and NS A315L with a minimum grade of P.

**Corequisites:** NS A401L.

**NS A401L** Health Disruptions II Laboratory **2.5 Credits**

Provides clinical experience to build skills and reinforce student learning in NS A401.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A313 with a minimum grade of C and NS A313L with a minimum grade of P and NS A315 with a minimum grade of C and NS A315L with a minimum grade of P.

**Corequisites:** NS A401.

**NS A406** Nursing Therapeutics in Complex Health Disruptions **2.5 Credits**

Emphasizes health disruptions with complex pathophysiology and/or psychological adjustments of clients of all ages and their families. Nursing management includes a high level of collaboration with other health care providers and agencies utilizing previously learned nursing therapeutics.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Corequisites:** NS A400 AND NS A401 AND NS A401L AND NS A406L.

**NS A406L** Nursing Therapeutics in Complex Health Disruptions Laboratory **2.5 Credits**

Provides clinical experience to build skills and reinforce student learning in NS A406.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A401 with a minimum grade of C and NS A401L with a minimum grade of P.

**Corequisites:** NS A406.

**NS A411** Population Health Integrative Capstone **3 Credits**

Focuses on the role of the nurse in care of populations and/or vulnerable groups. Prepares students to conduct applied research to complete a Population Health Integrative Capstone project.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing, completion of all Tier 1 GER courses, and senior standing

**Prerequisites:** NS A400 with a minimum grade of C and NS A401 with a minimum grade of C and NS A401L with a minimum grade of P and NS A406 with a minimum grade of C and NS A406L with a minimum grade of P.

**Corequisites:** NS A411L.

**Attributes:** UAA Diversity & Inclusion GER, UAA Integrative Capstone GER.

**NS A411L Population Health Integrative Capstone Laboratory 2.5 Credits**

Clinical experience and fieldwork to build skills and reinforce student learning in NS A411 Population Health Integrative Capstone project.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing (either pre-licensure or RN-BS option)

**Prerequisites:** NS A400 with a minimum grade of C and NS A401 with a minimum grade of C and NS A401L with a minimum grade of P and NS A406 with a minimum grade of C and NS A406L with a minimum grade of P.

**Corequisites:** NS A411.

**NS A415 Nursing Management and Legal Perspectives 4 Credits**

Theories of management and organizations for basic students in relation to health care delivery systems. Emphasis is on the role of the professional nurse in health care organizations. Provides an overview of skills and techniques used for effective leadership and management of health care services. Exploration of legal implications and perspectives in nursing practice.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A313 with a minimum grade of C and NS A315 with a minimum grade of C.

**NS A416 Concentration in Clinical Nursing 0.5 Credits**

Facilitates the integration and synthesis of knowledge basic to a beginning professional level of nursing practice. A major emphasis upon analyzing and evaluating issues arising in the practice setting.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A400 with a minimum grade of C and NS A401 with a minimum grade of C and NS A401L with a minimum grade of P and NS A406 with a minimum grade of C and NS A406L with a minimum grade of P and NS A411 with a minimum grade of C and NS A411L with a minimum grade of P and NS A415 with a minimum grade of C.

**Corequisites:** NS A416L.

**NS A416L Concentration in Clinical Nursing Lab 3.5 Credits**

Application of clinical skills acquired throughout the BS Nursing program in a clinical setting incorporating research, management, and theory in delivering nursing care to individuals, families, and populations.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A400 with a minimum grade of C and NS A401 with a minimum grade of C and NS A401L with a minimum grade of P and NS A406 with a minimum grade of C and NS A406L with a minimum grade of P and NS A411 with a minimum grade of C and NS A411L with a minimum grade of P and NS A415 with a minimum grade of C.

**Corequisites:** NS A416.

**NS A417 Management in Nursing 3 Credits**

Explores theories of management in relation to health care delivery systems. Discusses strategies and techniques for effective leadership and management in health care environments. Synthesizes and integrates knowledge and skills gained from clinical practice into theoretical context.

**Special Note:** Offered only in Spring semester.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing and RN licensure in the state of Alaska.

**Prerequisites:** NS A305 with a minimum grade of D and NS A308 with a minimum grade of D.

**Corequisites:** NS A314 AND NS A314L.

**NS A422 Management of the Critically Ill Adult 3 Credits**

Applies nursing process to the care of adults in the critical care environment. Emphasizes integration of physical assessment and physiological monitoring to diagnose needs and plan interventions for critically ill adult patients.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing and prerequisites or current RN licensure

**Prerequisites:** NS A406 with a minimum grade of C and NS A406L with a minimum grade of P.

**NS A429 Perioperative Nursing 3 Credits**

Introduces perioperative nursing, its origin and purpose, including functions of the surgical suite team members. Covers the perioperative nursing role as it relates to preoperative preparation, intraoperative period, and recovery.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing and RN licensure or departmental approval

**Prerequisites:** NS A300 with a minimum grade of C and NS A303 with a minimum grade of C and NS A309 with a minimum grade of C and NS A313 with a minimum grade of C and NS A303L with a minimum grade of P and NS A313L with a minimum grade of P.

**NS A430 Rural Health Care 3 Credits**

Analysis of rural health care from a problem-solving framework. Alaskan communities are utilized as a focus for the course.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing, if prerequisites are not met, then RN licensure in the state of Alaska is required.

**Prerequisites:** NS A300 with a minimum grade of C.

**Attributes:** UAA Alaska Native-Themed GER.

**NS A431 Human Sexuality in Health and Illness 3 Credits**

Explores physiological, psychological and social nature of human sexuality and implications for the role of the professional nurse. Emphasizes the sexual behavior of individuals and groups and the impact of illness on sexuality.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing, if prerequisites are not met, then RN licensure in the state of Alaska is required.

**Prerequisites:** NS A300 with a minimum grade of C and NS A303 with a minimum grade of C and NS A303L with a minimum grade of P and NS A309 with a minimum grade of C.

**NS A433 Health Education: Theory and Practice 3 Credits**

Provides the theoretical foundation for health education and health promotion. Develops students' abilities to design and deliver health education materials and programs.

**Registration Restrictions:** Instructor approval

**Crosslisted With:** HS A433

**Prerequisites:** HS A345 with a minimum grade of C or NS A332 with a minimum grade of C.

**NS A442 Introduction to Forensic Nursing 3 Credits**

Provides an overview of forensic nursing. Explores the etiology of interpersonal violence, intentional injury, and trauma in relation to victim and/or perpetrator populations. Develops understanding of the collaborative and multidisciplinary role of this specialty.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing and RN licensure in the state of Alaska.

**Prerequisites:** NS A313 with a minimum grade of C and NS A313L with a minimum grade of P and NS A315 with a minimum grade of C and NS A315L with a minimum grade of P.

**NS A451 Introduction to Neonatal Intensive Care Nursing 3 Credits**

Introduces neonatal critical care nursing. Includes the pathophysiology and nursing management of common neonatal disease states, developmentally-focused nursing care of premature and newborn infants, and current issues and trends in neonatal nursing.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing or instructor permission

**Prerequisites:** NS A452 with a minimum grade of C or concurrent enrollment and NS A453 with a minimum grade of C or concurrent enrollment.

**NS A452 Nursing Care of Children and Their Families: Theory 3 Credits**

Provides an overview of the professional roles of the pediatric nurse. Examines pediatric growth, development and milestone assessment. Emphasizes communication, anticipatory guidance and family-centered care with play and safety. Delineates common clinical issues addressed with evidence-based care, and the dynamic relationship between nurse, child and family.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A231 with a minimum grade of C and NS A231L with a minimum grade of P and NS A388 with a minimum grade of C and NS A388L with a minimum grade of P and NS A388P with a minimum grade of P and NS A389 with a minimum grade of C and NS A389P with a minimum grade of P.

**Corequisites:** NS A452P.

**NS A452P Nursing Care of Children and Their Families: Practicum 1 Credit**

Applies current and prerequisite nursing coursework to care of children and their families across clinical settings and/or simulation experiences. Focuses on the nursing process and family-centered care.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A231 with a minimum grade of C and NS A231L with a minimum grade of P and NS A388 with a minimum grade of C and NS A388L with a minimum grade of P and NS A388P with a minimum grade of P and NS A389 with a minimum grade of C and NS A389P with a minimum grade of P.

**Corequisites:** NS A452.

**NS A453 Nursing Care of Childbearing Families and Sexual Health: Theory 3 Credits**

Examines health problems affecting infants and pregnant women. Highlights impact of common maternal-child health problems in terms of morbidity, mortality, psychological well-being, reproduction and growth. Explores the epidemiology of maternal-child diseases including sexual and reproductive disorders. Introduces programs and resources available within the community.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A231 with a minimum grade of C and NS A231L with a minimum grade of P and NS A388 with a minimum grade of C and NS A388L with a minimum grade of P and NS A388P with a minimum grade of P and NS A389 with a minimum grade of C and NS A389P with a minimum grade of P.

**Corequisites:** NS A453P.

**NS A453P Nursing Care of Childbearing Families and Sexual Health: Practicum 1 Credit**

Applies current and prerequisite nursing coursework to various clinical settings and/or simulations with childbearing families and/or individuals seeking care for sexual or reproductive health. Focuses on the nursing process specific to this population.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A388 with a minimum grade of C and NS A388L with a minimum grade of P and NS A388P with a minimum grade of P and NS A389 with a minimum grade of C and NS A389P with a minimum grade of P and NS A400 with a minimum grade of C.

**Corequisites:** NS A453.

**NS A454 Nursing Care of Communities and Populations: Theory 3 Credits**

Focuses on the role of the nurse in care of communities, populations and/or vulnerable groups. Prepares students to conduct applied research to complete a population health project.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A400 with a minimum grade of C and NS A452 with a minimum grade of C and NS A452P with a minimum grade of P and NS A453 with a minimum grade of C and NS A453P with a minimum grade of P and NS A471 with a minimum grade of C and NS A471P with a minimum grade of P.

**Corequisites:** NS A454P.

**NS A454P** Nursing Care of Communities and Populations: Practicum 2 Credits

Applies current and prerequisite nursing coursework in various community clinical settings and/or simulation. Focus on development and delivery of community or population-based project.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A400 with a minimum grade of C and NS A452 with a minimum grade of C and NS A452P with a minimum grade of P and NS A453 with a minimum grade of C and NS A453P with a minimum grade of P and NS A471 with a minimum grade of C and NS A471P with a minimum grade of P.

**Corequisites:** NS A454.

**NS A471** Nursing Care of Adult Medical-Surgical Patients II: Theory 3 Credits

Develops more advanced classifications, etiology, pathophysiology, diagnostics, acute interventions, and ongoing management of chronic conditions to include education and collaboration in the care of adult medical-surgical patients. Introduces high-acuity medical management of acute and chronic illnesses.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A231 with a minimum grade of C and NS A231L with a minimum grade of P and NS A388 with a minimum grade of C and NS A388L with a minimum grade of P and NS A388P with a minimum grade of P and NS A389 with a minimum grade of C and NS A389P with a minimum grade of P.

**Corequisites:** NS A471P.

**NS A471P** Nursing Care of Adult Medical-Surgical Patients II: Practicum 2 Credits

Applies current and prerequisite nursing coursework to an in-patient clinical setting or simulation with more acute or multiple adult medical-surgical patients. Focuses on building independence with assessment and the nursing process.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A231 with a minimum grade of C and NS A231L with a minimum grade of P and NS A388 with a minimum grade of C and NS A388L with a minimum grade of P and NS A388P with a minimum grade of P and NS A389 with a minimum grade of C and NS A389P with a minimum grade of P.

**Corequisites:** NS A471.

**NS A472** Nursing Leadership and Management 3 Credits

Merges theory, research and practical application in key leadership and management nursing roles. Examines the basic concern for safe and effective care. Describes communication, collaboration, team-building and other interpersonal skills that form the foundation of effective nursing leadership.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A400 with a minimum grade of C and NS A452 with a minimum grade of C and NS A452P with a minimum grade of P and NS A453 with a minimum grade of C and NS A453P with a minimum grade of P and NS A471 with a minimum grade of C and NS A471P with a minimum grade of P.

**NS A473** NCLEX Review and Career Coaching 1 Credit

Facilitates the integration and synthesis of knowledge to prepare for nursing licensure through a comprehensive review. Teaches the students how to market oneself for post-graduation opportunities and helps students to create a professional persona.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A400 with a minimum grade of C and NS A452 with a minimum grade of C and NS A452P with a minimum grade of P and NS A453 with a minimum grade of C and NS A453P with a minimum grade of P and NS A471 with a minimum grade of C and NS A471P with a minimum grade of P.

**NS A474P** Nursing Practicum Immersion 3 Credits

Applies current and prerequisite nursing coursework to an intensive clinical immersion experience. Fosters independent nursing care with one-to-one nursing preceptor.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A400 with a minimum grade of C and NS A452 with a minimum grade of C and NS A452P with a minimum grade of P and NS A453 with a minimum grade of C and NS A453P with a minimum grade of P and NS A471 with a minimum grade of C and NS A471P with a minimum grade of P.

**NS A475** Nursing Integrative Capstone 3 Credits

Utilizes techniques of reflection and the core concepts of baccalaureate nursing education to complete an integrative capstone project. Includes professional presentation of project.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing

**Prerequisites:** NS A400 with a minimum grade of C and NS A452 with a minimum grade of C and NS A452P with a minimum grade of P and NS A453 with a minimum grade of C and NS A453P with a minimum grade of P and NS A471 with a minimum grade of C and NS A471P with a minimum grade of P.

**Attributes:** UAA Integrative Capstone GER.

**NS A490** Selected Topics in Nursing Practice 3 Credits

Enhances and extends students' understanding of a selected topic.

**Special Note:** May repeat once with a change of topic.

**Registration Restrictions:** Admission to the Bachelor of Science in Nursing or RN license in the state of Alaska

**Prerequisites:** NS A204 with a minimum grade of C and NS A216 with a minimum grade of C and NS A300 with a minimum grade of C.