

Undergraduate Programs

BS NCLEX-Preparatory Program

(For all 2nd degree, LPN and generic students)

This is an eight-semester nursing program planned to cover four academic years. The curriculum focuses on the provision of care and the promotion of health for individuals and families. Students gain proficiency through both class (theory) and laboratory (practicum/clinical) experiences in a variety of settings. To receive a strong and varied clinical experience, students travel to nearby hospitals and community agencies and work with clients of varied socio-economic groups. Each student is responsible for providing or arranging her/his own transportation for clinical practica.

BS Completion Program

BS: Completion provides the RN with an Associate degree to complete their Bachelor of Science degree. The curriculum focuses on the professional and leadership roles of the BS nurse and the promotion of health to the individual, the hospital system, and to the community. As students come from varying school backgrounds, the program of completion is individualized. Normally students complete in two to three years (4–6 semesters). The program requirements will involve clinical activities that cannot be carried out in the student's normal work setting.

Graduate Programs

MS: Building upon a BS in nursing this graduate nursing program requires two to three years of study for Registered Nurses. A research utilization project that is education focused and is required. This program includes practicum hours in an appropriate setting. (See p. 166 for degree requirements, admission criteria, progression, and course descriptions.)

Undergraduate Degree Requirements

BS: Nursing (NCLEX-preparatory)—124 or 126

General Education Credits—43 or 46+

(see Professional Degree Requirement Table, p. 42)

Required cognates—21

(fulfills the GE life/physical science requirement)

BIOL111, 112, 113, 260; (BIOL165, 166 may substitute for BIOL111, 112—students who take this option must also take BIOL113); PSYC301; FDNT230; STAT285

Please note that PSYC101 is included in the general education requirements for credit, but it is considered a cognate for the nursing program, even if not listed under the required cognates.

*Please note that if any cognates (Anatomy & Physiology, Microbiology, Human Development, Nutrition, Psychology, and Statistics) are older than 10 years they will not be accepted as credit and will need to be retaken as a class for credit or the students may take a standardized challenge exam, such as the CLEP exam as approved by the Department of Nursing.

BS: Nursing (NCLEX-preparatory) Courses—59

NRS211, 212, 215, 216, 240, 305, 315, 331, 332, 366, 408, 414, 416, 418, 430, 440, 445 (2 credits), 450(S), 466 (2 credits), 480
All NCLEX-preparatory (generic) students accepted into the nursing program will:

1. Be required to work in a hospital **acute care setting** as a nursing assistant, nursing technician or the equivalent. Students will be required to work a minimum of 500 hours while enrolled in the nursing program. This could be done over the summer. The breakdown of hours is as follows:
 - 75–80 hours prior to beginning NRS231 MedSurg Community Based
 - Externship during the summer after completing NRS232 MedSurg Acute and prior to entering NRS240/440 Obstetrics and Pediatrics (hours will vary, but a min. of 300)
 - 120 hours during NRS248 Senior Nursing Internship
 Students will not be allowed to progress in the nursing program unless these qualifications are met, except by approval of faculty. A form signed by the facility where the student works must be submitted to their advisor prior to registering for Fall courses.
2. Be expected to complete the NCLEX-preparatory program within five years from beginning NRS216.

BS: Nursing (Completion)—124 or 126

Up to 27 credits of lower-division nursing may be accepted from the associate degree transcript.

RNs without recognized academic credit in nursing may obtain credit by successfully passing the NLN Upward Mobility Profile II Tests, or an acceptable option. These tests passed at the recommended score would count toward the 27 credits of lower-division nursing credits (although not counted in the GPA).

General Education courses are also considered when transferring into our program. Each student will be evaluated on an individual basis to determine which General Education credits remain of the 43 or 46 required for graduation.

A maximum of 70 semester credits may be transferred in and applied toward the baccalaureate degree.

General Education Credits—43 or 46+

(see Professional Degree Requirement Table, p. 42)

Required cognates—21

(fulfills the GE life/physical science requirement)

BIOL111, 112, 113, 260; (BIOL165, 166 may substitute for BIOL111, 112—students who take this option must also take BIOL113); PSYC301; FDNT230; STAT285

Please note that PSYC101 is included in the general education requirements for credit, but it is considered a cognate for the nursing program, even if not listed under the required cognates.

Nursing Major Requirements—32

NRS305, 315, 320, 366, 408, 414, 418, 445 (3 credits), 450, 466 (3 credits), 480

Undergraduate Admission Requirements

Application for admission will require a minimum of six weeks for processing and evaluation. Deadline for application is May 1 to be considered to enter the Nursing Program. Those submitting applications after this date are not guaranteed entry due to a possible waiting list.

BS: Nursing (NCLEX-preparatory) Program

Students may enter the university as declared nursing majors, but the first year is typically spent in general education requirements, cognate courses, and NRS 215. Students are encouraged to apply for entrance into the nursing program prior to completion of the Spring semester of their freshman year so as to be prepared to enter NRS216 Fundamentals of Nursing Practice the following Fall semester.

Admission requirements are as follows:

- Minimal overall GPA of 2.50
- BIOL111, BIOL112, BIOL113, PSYC301, FDNT230, PSYC101 (Cognates)
- Minimal combined GPA for cognates of 2.50. A grade of C- is unacceptable for any cognate course.
- A math placement score of P2 or above; or successful completion of MATH092 or a higher level math class.
- Nelson Denny Reading Test score of 13 or greater
For those applicants whose native language is not English, the following may be substituted for the Nelson Denny test.
 - MELAB—score of 80
 - TOEFL—score of 550 (paper based) or score of 213 (computer based)
- High school chemistry with a grade of C or better or an introductory college chemistry course.
- An acceptable criminal background check from company recommended by Department of Nursing—to include Berrien County.
- Physical examination report that must include:
 - Tuberculin skin test (if positive will be evaluated individually) and yearly evaluation thereafter
 - Proof of immunization or serum immunity for measles, mumps, rubella, diphtheria, tetanus, and hepatitis B
 - Proof of either having had chickenpox (dates of disease or tested for varicella-zoster antibodies) or the immunization
- Interview with student if transferring from another nursing program.
Applicants who fail to meet any of the above may be admitted only after committee consideration of the specific circumstances. Additional course work may be required.

BS: Nursing (Completion) Program

Admission requirements are the same as above with the following exceptions:

- RN license in the United States (No exceptions are granted to this policy).
- A passing score on Andrews University math placement exam or transferring in of an equivalent math course to or greater than MATH145.
- For those applicants whose native language is not English, the following is required:
 - MELAB—score of 80
 - TOEFL—score of 550 (paper based) or score of 213 (computer based)

Applicants who fail to meet any of the above may be admitted only after committee consideration of the specific circumstances. Additional course work may be required.

Progression

All undergraduate nursing students need to understand that:

- Nursing courses must be taken in the required sequence.
- A grade of 75%=C or higher is required to pass each nursing class.
- A test average of 75% or above is required for identified nursing class.
- No grade lower than a C is accepted in any undergraduate nursing or cognate courses.
- GPA's are calculated separately at the end of each semester.
- Be aware that independent study courses cannot replace required courses.
- Students wishing to transfer in nursing credits must have course work evaluated by the Nursing Department—Admissions and Progression's Committee. (Please allow a minimum of six weeks prior to the beginning of classes for evaluation.)

- Maintain current certification of the American Heart Association Health Care Provider CPR course or the American Red Cross (Professional Rescuer Course).
- Annual review of required health care competencies. (See Handbook for specifics)
- Any student on a Leave of Absence for two years or more, must have a readmission reevaluation of both clinical and theoretical knowledge.
- Class attendance: The Department of Nursing will uphold university policy (see p. 27).
- Clinical attendance: See p. 27 of this Bulletin and p. 33 of the *Department of Nursing Handbook*.
- If one nursing course is failed (grade < C) this automatically places the student on departmental academic probation.
- A nursing course may be repeated only once.
- Students may repeat only one nursing course.
- Recognize that you will be asked to withdraw from the nursing program if two nursing courses are failed at any time.
- Students have the right to reapply to the program.
- Readmission will be considered on an individual basis.

Practicum

Undergraduate nursing practicum: In nursing classes with a practicum, a ratio of four clinical hours will be required for each semester credit. For example, a 1-credit practicum meets for 60 clock hours, a 2-credit practicum course meets for 120 clock hours. Practicum hours are indicated in the bulletin by the numbers in parenthesis after the number of total credit hours. The first number indicates the number of didactic (classroom) hours and the second indicates the number of clinical hours (i.e., see NRS216).

Undergraduate Courses**(Credits)**

See inside front cover for symbol code.

NRS211 (1)***Nursing Pharmacology I***

Beginning nursing knowledge related to pharmacology, medication administration, and related monitoring of therapeutic and non-therapeutic patient response that builds a foundation for safe practice. *Fall*

NRS212 (2)***Nursing Pharmacology II***

A continuation of pharmacology principles that examines major classifications of medications. Focuses on uses, dosages, therapeutic and non-therapeutic effects, interactions, and nursing interventions. Prerequisite: NRS211 or permission of the Department of Nursing. *Fall*

NRS215 (1)***Introduction to Nursing Concepts***

Introduces students to nursing history, mission, standards, language, critical thinking, "Restoration to the Image of God" (the Department of Nursing's conceptual framework), and other components of nursing as they begin their journey towards becoming a Christian professional nurse. *Spring*

NRS216 (4)***Fundamentals of Nursing Theory and Practice***

Integrates the nursing process into basic nursing skills, medication administration, and assessment of the adult client; with special emphasis on older adults. Includes theory and practicum. Prerequisites: BIOL111, 112, 113, PSYC301, FDNT230,

PSYC101, NRS215 or permission of the Department of Nursing. *Fall*

NRS240 (4)
Psychiatric-Mental Health Nursing

Presents the nurse's role in facilitation of mental health and prevention, assessment and management of mental illness. Includes theory and practicum. Prerequisites: NRS211, 216, PSYC101 or permission of the Department of Nursing. *Spring*

NRS305 (3)
Health Assessment

Introduces theoretical and practical skills for performing a focused and comprehensive health assessment. Emphasizes data collection for recognition of normal findings and common variations throughout the life span, and use of nursing diagnoses to describe areas needing restoration. Includes theory and practicum. Prerequisites: BIOL111, 112, 113, PSYC101, 301, FDNT230, NRS215 or RN, LPN or permission of the Department of Nursing. *Spring*

NRS315 (3)
Pathophysiology

Explores physiological adaptations and changes that occur due to chronic and acute illnesses. Provides etiology of disease states to use as a basis for nursing interventions. Prerequisites: BIOL111, 112, 113. *Fall*

NRS320 (3)
Transitions in Nursing

Bridges educational preparation and role expectation of the associate degree nurse, for functioning at the professional level. Introduces and applies principles from the Department of Nursing philosophy, mission and conceptual framework. Must be taken before NRS418 and NRS450 or with permission of the Department of Nursing. *Fall*

NRS331 (4)
Medical-Surgical: Community-based Nursing

Integrates and applies the nursing process to prevent disease, and promote, restore, or maintain health for adult clients and their families in community-based settings. Includes theory and practicum. Prerequisites: NRS211, 240, 315. *Fall*

NRS332 (5)
Medical-Surgical: Acute-care Nursing

Integrates and applies the nursing process to restore health, manage disease, and/or provide end-of-life care for adult clients and their families with acute medical-surgical conditions, in acute and critical-care settings. Includes theory and practicum. Prerequisite: NRS331. *Spring*

NRS366 (1)
Complementary Wellness and Restoration I

Introduces the use of complementary therapies in disease prevention, and health promotion and maintenance towards restoration of clients, families and communities. Specific attention is given to the eight natural laws of health. *Fall*

NRS408 (3)
Families in Stress and Crisis

Utilizes family systems and other theories as a basis for understanding family functioning. Prepares the students to be able to assess and intervene with families experiencing stress and/or crises. Prerequisites: NRS331 or permission of the Department of Nursing. *Spring*

NRS414 (3)
High Acuity Nursing

Focuses on the needs of clients with life-threatening conditions in an acute care setting; which may present in multiple body systems. Special needs of pediatric and elderly clients addressed as well. Prerequisites: NRS332 for NCLEX preparatory students, NRS315, 408. *Fall*

NRS416 (1.5, 1.5)
Comprehensive Overview

Review of nursing knowledge to serve as preparation of pre-licensure students for the NCLEX. Prerequisites: NRS430, 440. *Fall and Spring. (This course is taught Fall and Spring semesters, and students are required to register both semesters for a total of 3 credits.)*

NRS418 (3)
Leadership in Nursing

Provides opportunity for the student to gain knowledge in nursing leadership. Promotes the utilization of restorative principles in leadership theory and practice. Prepares students for leadership roles in all areas of nursing, and instills the pursuit of lifelong learning and professional development. Prerequisites: NRS430, 440 or 414. *Spring*

NRS430 (4)
The Childbearing Family

Emphasizes restorative and evidence-based nursing care of the childbearing family throughout preconception, pregnancy, post-partum, and the neonatal period with an added focus on women's health issues. Includes theory and practicum. Prerequisites: NRS332, PSYC301. *Fall*

NRS440 (4)
The Developing Child

Emphasizes an evidence-based nursing practice in both the maintenance and restorative health needs of the growing and developing child, from newborn through adolescence. Includes theory and practicum. Prerequisites: NRS332, PSYC301. *Fall*

NRS445 (2-3)
Nursing Research

Provides foundational concepts on the research process and steps for utilizing research with the focus being on evidence-based practice. Introduces nursing perspectives related to critical thinking, scientific methods, ethical concerns, and search techniques necessary to the research process. Prerequisites: NRS331 or 320 or permission of the Department of Nursing. *(BS Completion students take the class for 3 credits.) Spring*

NRS450 S (4)
Community Nursing

* Field service credit requirements are met in this class. Focuses on community as the primary client, in contrast with community as the setting for individual care. Students consider factors affecting the well-being, function, and/or existence of the community and its response to those problems. Includes theory and practicum. Prerequisites: NRS430, 440 or 414. *Spring*

NRS466 (2-3)
Complementary Wellness and Restoration II

An in-depth exploration of complementary therapies that can be utilized in conjunction with traditional therapies to assist clients with a chronic illness or high acuity need towards restoration to the image of God in wellness, health maintenance and disease management. Prerequisites: NRS366, 408 or permission of the

Department of Nursing. (BS Completion students take the class for 3 credits.) Spring

NRSG480 (3)
Senior Nursing Internship

A capstone practicum that integrates nursing skills and knowledge with principles of daily practice. Takes place in acute care settings where the student manages groups of clients in conjunction with a preceptor (120 clock hours). Prerequisites NRSG414, 466. Spring

NRSG495 (1)
Independent Study_____

Graduate Nursing Programs

MS: Nursing

Nurse Education

The United States is currently facing a shortage of nursing faculty. This emphasis provides the RN with a baccalaureate degree the opportunity to help provide quality and excellence in nursing education and care whether in the academic setting, clinical arena, or one to one patient teaching. This program takes 5 semesters to complete.

Core Classes—15

NRSG 510, 517, 530, 580, 655, 698

Nurse Education—23

NRSG 527, 548, 555, 638, 658, 660, 665, 668, 680

Post-MS: Nursing Education Certificate. Is for nurses (RNs) who have a Master's degree in nursing and wish to focus on nursing education.

Post-MS Nursing Education Certificate

Certificate Requirements—13

NRSG658, 660, 665, 668, 680

Admission Requirements

In addition to the general admission requirements in the Graduate Admissions section of the University bulletin, certain departmental requirements should be noted:

1. BS: Nursing degree from an NLNAC or CCNE accredited school or equivalent accreditation in country of residence.
2. Overall undergraduate GPA of 3.00.
3. Current licensure as an RN in the United States or equivalent accreditation in country of residence.
4. Positive recommendations by present or recent employers
5. Undergraduate course in statistics

Applicants who fail to meet any of the above may be admitted only after committee consideration of the specific circumstances. Additional course work may be required.

Post-MS: Nursing Certificate

1. Nurses must hold a graduate nursing degree from an accredited university in the United States or country of residence.
2. Current RN registration in the United States or country of residence.

See Financial Information section, p. 65 for examination fees.

Progression

All graduate nursing students need to understand that:

- Graduate nursing courses must be taken in the required sequence.
- A 3.00 GPA is required in all course work.
- No grade lower than a B is accepted at the graduate level.
- One credit of practicum is equal to 75 literal clock hours.

Graduate Courses

(Credits)

See inside front cover for symbol code.

NRSG510 (2)
Christian Ministry

Explores spiritual needs within the context of health and illness and the incorporation of spiritual beliefs into the plan of care. Includes an assessment of how the client and one's own individual spirituality affects health care behaviors. Spring

NRSG517 (3)
Health Care Systems

Examines the organizational structure of health-care systems in the United States and other countries. Alternative approaches for the delivery of health care are compared with consideration of quality-related, economical, and ethical concerns. Fall

NRSG527 (3)
Advanced Pharmacology

Explore pharmacologic agents for an advanced understanding of the implications of drug choices, actions and interactions. Provides the nurse with advanced knowledge to better translate pharmacologic therapy to the client. Spring

NRSG530 (3)
Health Promotion/Disease Prevention

Explores theories of health promotion and disease prevention at the advanced practice level with emphasis on patient education, epidemiology, health beliefs, and the seven laws of health. Fall

NRSG548 (3)
Advanced Pathophysiology

An in-depth study of select pathophysiology concepts which will enable nurses to critically evaluate therapeutic strategies for maintenance and achievement of restoration. Age-related and ethnic variations will be explored. Spring

NRSG555 (2)
Advanced Health Assessment

Develop advanced assessment skills necessary to teach the skills to others as they restore clients of various ethnic groups to health and identify risk factors for illness of particular cultural groups. Prerequisites: NRSG510, 517, 548, 638. Fall

NRSG580 (2)
Nursing Theory and Application

Examines theories and conceptual frameworks of nursing, ethics, leadership, models for providing care, and Restoration to the Image of God in regards to advanced practice of nursing. Explores feasibility, conceptual integrity, and congruence with personal values. Prerequisites: NRSG510, 517, 638. Fall

NRSG638 (2)
Interpersonal Dynamics

Provides graduate nursing students with advanced knowledge related to underlying interpersonal concepts, skills, and practical approaches specifically for relationship building, effective communication, facilitation of informed decision-making, conflict

awareness and management, crisis intervention, constructive feedback, and delivery of potentially disturbing information; in academic, health care, and community-based settings. *Fall*

NRS655 (3)

Research Utilization

Prepares the student to critically evaluate research studies and to design strategies for integrating or utilizing research to guide and develop an evidence based practice specific to their anticipated advanced practice role. Prerequisites: NRS6510, 517, 580, 638, 658, 660. *Spring*

NRS658 (2)

Learning Theory and Health Teaching

Provides advanced practice nurses with teaching strategies that are both theoretical and evidence based followed with strategies and skills necessary for successful instruction and teaching of clients, community, nursing students, and other health care professionals. Prerequisites: NRS6510, 517, 638. *Fall*

NRS660 (2)

Curricular Development

Provides students with knowledge related to analysis, development or design, and re-design or improvement, and evaluation of client, student, or professional nursing curricula. Instruction on principles and procedures for curricular development will be addressed. Prerequisites: NRS6510, 517, 638. *Fall*

NRS665 (3)

Nursing Education Outcomes

Students are provided information on methods for assessing overall educational outcomes, such as the individual patient education, classroom instruction, and in providing continuing education units for professional nurses. Prerequisites: NRS6510, 517, 580, 638, 658, 660. *Spring*

NRS668 (2)

Roles in Nursing Education

Explores the various teaching and faculty roles that impinge upon the nurse educator. An understanding of the requirements of scholarship activities such as clinical currency, academic productivity, and teaching expertise are examined. Prerequisites: NRS6510, 517, 580, 638, 658, 660. *Spring*

NRS670 \$ (0)

Project Continuation

NRS675 \$ (0)

Program Continuation

NRS680 (4)

Teaching Practicum

Provides the student with the opportunity to utilize knowledge gained in the nursing-education courses, in a nursing-focused educational experience of their choosing. A total of 300 clock hours are required. Prerequisites: NRS6510, 517, 527, 548, 555, 580, 638, 655, 658, 660, 665, 668. *Fall*

NRS690 (1-3)

Independent Study

NRS698 (2)

Research Utilization Project

Requires the student to use a recognized research utilization model to develop an evidence-based Nursing Education project. Prerequisite or corequisite: NRS655.

NUTRITION AND WELLNESS

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Academic Programs	Credits
BS in Dietetics	73
BS: Nutrition Science	62
Minor in Food and Nutrition	20
MS: Nutrition and Wellness	32

Undergraduate Programs

The Didactic Program in Dietetics (DPD) at Andrews University is currently accredited by the Commission on Accreditation for Dietetics Education of the American Dietetic Association, 216 W. Jackson Blvd., Chicago, IL 60606-6995, 312/899-5400.

Preparation for the Registration Exam

Andrews University offers two programs to prepare the student for the registration examination given by the Commission on Dietetic Registration of the American Dietetic Association (ADA).

- The DPD program, which meets the academic requirements for registration eligibility.
- The Dietetic Internship, a post-baccalaureate program, designed to meet the supervised practice requirements for registration eligibility.

The Dietetic Internship at Andrews University is currently accredited by the Commission on Accreditation for Dietetics Education of the American Dietetic Association, 216 W. Jackson Blvd., Chicago, IL 60606-6995, 312/899-5400.

The Didactic Program in Dietetics (DPD)

The DPD has two phases:

1. Pre-dietetics: Introductory pre-professional and General Education courses obtained at Andrews University or another accredited college or university.
2. Dietetics: Two years of study in clinical dietetics, food-service management, and community nutrition obtained on the Andrews University campus. Students must complete requirements for the professional Bachelor of Science in Dietetics degree. Students who complete the DPD requirements will be issued a DPD verification statement.

Students are expected to complete a professional development portfolio during the DPD program outlining their goals and