NURSING

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Academic Programs	Credits
BS: Nursing (NCLEX-preparatory)	65
BS: Nursing (completion)	33
MS: Nursing	
Nurse Education	38
Post-MS: Nursing Education Certificate	16

Mission
Based on a framework of Seventh-day Adventist precepts and restoration to the image of God, the Andrews University Department of Nursing prepares nurses at the baccalaureate and master's degree levels. This preparation is for life-long Christian work in nursing service, technology, practice, education, leadership and research to the local, national, and international communities.

The faculty create a learning environment within a culturally diverse context, which develops and enhances critical thinking, communication, therapeutic nursing interventions, professional development, and Christian service.

Vision
To prepare professional nurses to reflect Christian spirituality, caring attitudes, clinical excellence, and cultural competence for service in an ever-changing environment.

Program Accreditation
The Andrews University Nursing program is approved by the Michigan Board of Nursing and holds accreditation from the National League for Nursing Accrediting Commission* (NLNAC).

* NLNAC
3343 Peachtree Rd NE, Suite 500
Atlanta GA 30326
Phone: 800-669-1656

Undergraduate Programs
BS NCLEX-Preparatory Program
(For all 2nd degree, LPN and NCLEX Prep 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-prepared nurse. 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 Program
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 is required. This program includes practicum hours in an appropriate setting. (See p. 193 for degree requirements, admission criteria, progression, and course descriptions.)

Undergraduate Degree Requirements

BS: Nursing (NCLEX-preparatory) (124)

Nursing Major Requirements—65
NRSG211, 212, 215, 216, 240, 305, 315, 331, 332, 366, 408, 414, 416, 418, 430, 438 (S), 440, 445 (3), 450 (S), 466 (2), 480

Required cognates—18
BIOL221, 222, 223, 260; (BIOL165, 166 may substitute for BIOL221, 222—students who take this option must also take BIOL223); PSYC301; STAT285

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

General Education Credits—41
(See GE Requirements for Professional Degrees, p. 43). Students choosing to test out of INFS120 must take a 3-credit elective to satisfy the 124 credits for the degree.

All NCLEX-preparatory 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. The majority of these hours can be done over the summer. The breakdown of hours is as follows:
- 75–80 hours prior to beginning NRSG331 Medical-Surgical I
- Externship during the summer after completing NRSG332 Medical-Surgical II and prior to entering NRSG430/440 Obstetrics and Pediatrics (hours will vary, but a min. of 300)
- 120 hours during NRSG480 Senior Nursing Internship

International students who are at Andrews University on F-1 student visa, must obtain government authorization for paid employment. The Andrews University Office of International Student Services will facilitate the job petition to work in a healthcare facility in order to meet the program requirements. 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 NRSG216.

BS: Nursing (Completion) (124)

Up to 32 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 32 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 41 required for graduation.

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

General Education Requirements—41

See professional program requirements, p. 43, and note the following **specific** requirements:

Religion: professional degree requirements
Language/Communication: professional degree requirements
History: professional degree requirements
Fine Arts/Humanities: professional degree requirements
Life/Physical Sciences: FDNT230
Mathematics: MATH145
Computer Literacy: INFS120, or pass competency exam
Service: NRSG438 and S-designated course NRSG450
Social Sciences: PSYC101
Fitness Education: professional degree requirements

Nursing Major Requirements—33

NRSG305, 315, 320, 366, 408, 414, 418, 438 (S), 445 (4), 450 (S), 466 (3), 480

Required cognates—18

BIOL221, 222, 223, 260; (BIOL165, 166 may substitute for BIOL221, 222—students who take this option must also take BIOL223); PSYC301; STAT285

Undergraduate Admission Requirements

Application for admission may require a minimum of six weeks for processing and evaluation. Deadline for application is May 1 to be considered to enter the nursing program.

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 NRSG 215. Students are encouraged to apply for entrance into the nursing program prior to completion of the spring semester of their freshman year to be prepared to enter NRSG216 Fundamentals of Nursing Practice the following fall semester.

Admission requirements are as follows:

1. Minimal overall GPA of 2.75
2. BIOL221, 222, 223, PSYC301, FDNT230, PSYC101
3. Minimal combined GPA for cognates of 2.75. A grade of C- is unacceptable for any cognate course.
4. A math placement score of P2 or above; or successful completion of MATH092 or a higher level math class with a grade of C or better.
5. Nelson Denny Reading Test score of 15 or greater
   For those applicants whose first language is not English, one of the following may be substituted for the Nelson Denny test.
   - MELAB—score of 93
   - Paper-based TOEFL—score of 600
   - Internet-based TOEFL—score of 90
6. High school chemistry with a grade of B or better or CHEM110 or equivalent course with a C or higher.
7. An acceptable criminal background check from company recommended by Department of Nursing—to include Berrien County.
8. Finger printing is required. Must be done through Livescan.
9. A urine drug screen must be completed 20–30 days prior to the start of the first clinical rotation (check with Nursing office).
10. Physical examination report that must include:
    a. Tuberculin skin test (if positive a chest x-ray is required, will be evaluated individually) and yearly evaluation thereafter
    b. Proof of immunization or serum immunity for measles, mumps, rubella, diphtheria, tetanus, and hepatitis B
    c. Proof of either having had chickenpox (dates of disease or tested for varicella-zoster antibodies) or the immunization
    d. Annual flu shots may be required
11. Interview with student and/or previous nursing program 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:

1. RN license in the United States (No exceptions are granted to this policy).
2. A passing score on Andrews University math placement exam or transferring in of an equivalent math course equal to or greater than MATH145.
3. For those applicants whose first language is not English, one of the following is required:

- MELAB—score of 93
- Paper-based TOEFL—score of 600
- Internet-based TOEFL—score of 90

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 percentage as stated in the department handbook is required to pass each nursing course.
- A test average as stated in the department handbook is required for identified nursing courses.
- No grade lower than a B- is accepted in any undergraduate nursing course.
- GPAs are calculated separately at the end of each semester.
- A minimum GPA of 2.75 is required for cumulative cognate GPA (with no grade lower than a C in any cognate) and cumulative overall GPA.
- 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. 29).
- Clinical attendance: See p. 30 of this Bulletin and the *Department of Nursing Handbook*.
- Recognize that you will be asked to withdraw from the nursing program if one nursing course is failed at any time.
- Students have the right to reapply to the program.
- Readmission will be considered on an individual basis.
- Student will be required to show competence via a standardized external exam before progressing to certain classes.
- Academic performance alone does not ensure completion of the nursing preparation. Students must also continuously meet acceptable professional ethics, disposition and safety standards as determined by the admissions and progressions committee.

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, a 1-credit lab meets for 30 clock hours. Practicum hours are indicated in the bulletin in the course description.

Undergraduate Courses (Credits)

See inside front cover for symbol code.

NRSG211 **(2)**
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. Corequisite: NRSG216. *Fall*

NRSG212 **(3)**
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: NRSG211 or permission of the Department of Nursing. *Fall*

NRSG215 **(1)**
Introduction to Professional Nursing Concepts
Introduces students to nursing history, mission, standards, language and critical thinking, and applies principles from the Department of Nursing conceptual framework, "Restoration to the Image of God," along with other key nursing concepts. Must be taken spring semester of freshman year. *Spring*

NRSG216 **$ (5)**
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 3 credits theory and 2 credits practicum. Prerequisites: BIOL221, 222, 223, or BIOL165, 166, 223, PSYC101, 301, FDNT230, NRSG215 or permission of the Department of Nursing. *Fall*

NRSG240 **$ (4)**
Psychiatric-Mental Health Nursing
Presents the nurse's role in facilitation of mental health and prevention, assessment and management of mental illness. Includes 3 credits theory and 1 credit practicum. Prerequisites: NRSG211, 216, PSYC101 or permission of the Department of Nursing. *Spring*

NRSG305 **(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 2 credits theory and 1 credit lab. Prerequisites: NRSG216 or RN, LPN, BIOL221, 222, 223 or BIOL165, 166, 223 or permission of the Department of Nursing. *Spring*

NRSG315 **(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: BIOL221, 222, 223 or BIOL 165, 166, 223. *Fall*

NRSG320 **(3)**
Professional Nursing Concepts for the RN
Introduces and applies principles from the Department of

Nursing conceptual framework, "Restoration to the Image of God," along with other key nursing concepts, and bridges educational preparation and role expectation of the associate degree nurse for functioning at the professional level. Must be taken during the first year of schooling by BS-completion students. (Needs to be taken before 418 and 450.) *Spring*

NRSG331 **$ (5)**
Medical-Surgical I
Integrates and applies the nursing process to prevent disease, manage, promote, restore or maintain health for adult clients with acute and chronic medical-surgical conditions. Includes 3 credits theory and 2 credits practicum. Prerequisites: NRSG211, 240, 305, 315. *Fall*

NRSG332 **$ (6)**
Medical-Surgical II
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 4 credits theory and 2 credits practicum. Prerequisites: NRSG212, 331. *Spring*

NRSG366 **(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*

NRSG408 **(2)**
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. Corequisite: NRSG331 or permission of the Department. *Fall*

NRSG414 **(2)**
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: NRSG332 for NCLEX-preparatory students, NRSG315, 408, 430, 440. *Spring*

NRSG416 **(2)**
Comprehensive Overview
Review of knowledge to serve as preparation of pre-licensure students for the NCLEX. Prerequisites: NRSG430, 440. *Spring*

NRSG418 **(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: NRSG332; for BS Completion NRSG320. *Fall*

NRSG430 **(5)**
The Childbearing Family
Emphasizes restorative and evidence-based nursing care of the childbearing family throughout preconception, pregnancy, postpartum, and the neonatal period with an added focus on women's health issues. Includes 4 credits theory and 1 credit practicum. Prerequisites: NRSG332, PSYC301. *Fall*

NRSG438 **S (2)**
Intercultural Mission Service in Nursing
Prepares students to apply principles of the Andrews University Department of Nursing conceptual framework, "Restoration to the Image of God," while providing Christian nursing care and service in a worldwide context. Course includes principles and preparation for intercultural nursing practice. Prerequisites: NRSG430, 440; for BS Completion NRSG414. *Spring*

NRSG440 **$ (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 3 credits theory and 1 credit practicum. Prerequisites: NRSG332, PSYC301. *Fall*

NRSG445 **(3–4)**
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: NRSG331 or 320 or permission of the Department of Nursing. *(BS Completion students take the class for 4 credits.) Spring*

NRSG450 **$ 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 2 credits theory and 2 credits practicum. Prerequisites: NRSG418, 430, 440; for BS Completion NRSG320, 418. *Spring*

NRSG460 **(1–3)**
Topics in _____
Study of selected topics relevant to professional nursing practice. Subject and credits to be announced in advance.

NRSG466 **(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: NRSG366, 418. Corequisite: NRSG414 or permission of the Department of Nursing. *(BS Completion students take the class for 3 credits.) Spring*

NRSG478 **$ (0)**
Study Tour:
Travel to selected areas combined with lectures, directed readings, projects and assignments. The amount of credit and the geographic area are designated at the time a study tour is announced. Fee may be required.

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). Includes 1 credit seminar and 2 credits practicum. Prerequisites: NRSG418, 430, 440. Corequisites: NRSG414, 450. *Spring*

NRSG495 **(1)**
Independent Study_____

Graduate Nursing Programs

MS: Nursing

Nurse Education

The United States is currently facing a shortage of nursing faculty. This degree provides the RN who has a baccalaureate preparation the opportunity to help provide quality and excellence in nursing education. The MS in Nursing Education prepares them to function either in the academic, clinical or community setting. This program takes five semesters to complete.

Core Classes—15
NRSG510, 517, 530, 580, 655, 698

Nurse Education—23
NRSG515, 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 Requirements—16
NRSG515, 658, 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.
6. BS Completion students within 16 credits of completing their baccalaureate degree.

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. 66 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.
- Academic performance alone does not ensure completion of the nursing preparation. Students must also continuously meet acceptable professional ethics, disposition and safety standards as determined by the admissions and progressions committee.

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*

NRSG515 **(3)**
Teaching Strategies
Explores the knowledge and competencies needed to develop and apply evidence based innovative teaching strategies in the classroom and clinical settings. Strategies for distance and web-based learning are also included. *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*

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*

NRSG655 **(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: NRSG510, 517, 580, 638, 658, 660. *Spring*

NRSG658 **(2)**
Learning Theory and Health Teaching
Provides advanced practice nurses with evidence based knowledge regarding educational theories and their application in academic and clinical settings for successful instruction and teaching of clients, community, nursing students and other healthcare professionals. Prerequisites: NRSG510, 517, 638. *Fall*

NRSG660 **(2)**
Curricular Development
Provides students with knowledge related to analysis, development or design, and redesign or improvement, and evaluation of client, student, or professional nursing curricula. Instruction on principles and procedures for curricular development will be addressed. Prerequisites: NRSG510, 517, 638. *Fall*

NRSG665 **(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: NRSG510, 517, 580, 638, 658, 660. *Spring*

NRSG668 **(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: NRSG510, 517, 580, 638, 658, 660. *Spring*

NRSG670 **$ (0)**
Project Continuation
Student may register for this title while clearing deferred grade (DG) and/or incomplete (I) courses with advisor approval only. Registration for this title indicates full-time status.

NRSG675 **$ (0)**
Program Continuation
Students may register for this non-credit continuation course to maintain active status. For additional information on active status, please refer to p. 49 in the bulletin. Registration does not indicate full-time status.

NRSG680 **(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: NRSG510, 517, 527, 548, 555, 580, 638, 655, 658, 660, 665, 668. *Fall*

NRSG690 **(1–3)**
Independent Study

NRSG698 **(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: NRSG655.