MUPF527 University Chorale
MUPF528 University Singers
MUPF530 Advanced Keyboard Ensemble
MUPF535 I Cantori
MUPF537 Ladies' Chorus
MUPF538 Chamber Music Ensembles
MUPF545 Sinfonietta
MUPF546 Men's Chorus

MUPF550 **$ (1–4)**
Private Instruction in _____
Private instruction in composition.

MUPF560 **$ (1–4)**
Applied Music Study in Private Lessons (major performance)
Style and development of repertoire; preparation for public performance. Repeatable. Each of these courses require concurrent enrollment in MUPF489.

MUPF575 **(1–2)**
Recital

MUPF640 **(0)**
Recital Continuation

Research and Specialized Study

MUHL650 **$ (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.

MUHL655 **$ (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. 51 in the bulletin. Registration does not indicate full-time status.

MUHL665 **$ (0)**
Comprehensive Exam Preparation
Advisor approval required. Registration for this title indicates full-time status.

MUHL670 **(0)**
Comprehensive Exam

MUHL695 **(1–2)**
Bibliography and Research in Music
An introduction to the tools and materials available in music research, with a critical analysis of sources. An examination of the goals and methods of research in music and an introduction to scholarly writing.

MUHL697 **(1–3)**
Independent Study and Research in Music
Repeatable.

MUHL698 **(2)**
Project
Repeatable to 4 credits.

MUHL699 **(6)**
Master's Thesis

NURSING

Marsh Hall (Second Floor)
269-471-3311 or (800) 877-2863
nursing@andrews.edu
www.andrews.edu/nrsg/

Faculty
Karen A. Allen, *Chair, and Director of Graduate Programs*
Ruth D. Abbott
Nancy A. Carter, *Director of Undergraduate Admissions and Progressions*
Phyllis E. Collins
Henrietta H. Hanna, *Director of Undergraduate Curriculum*
Dwight E. Huslin
Arlene M. Saliba
Gisela E. Schmidt, *Director of Clinical Practicum*
Cynthia C. Small

Academic Programs	Credits
BS: Nursing (NCLEX-preparatory)	59
BS: Nursing (BS completion)	32
MS: Nursing	
Nurse Education	38
Post-MS Certificate	
Nurse Education	13

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. 184 for degree requirements, admission criteria, progression, and course descriptions.)

Undergraduate Degree Requirements

BS: Nursing (NCLEX-preparatory) (126)

Nursing Major Requirements—59
NRSG211, 212, 215, 216, 240, 305, 315, 331, 332, 366, 406, 408, 414, 416, 418, 430, 440, 445 (2 credits), 450(S), 466 (2 credits), 480
Required cognates—24
(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); PSYC101, 301; FDNT230; STAT285

*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 (exception for RNs) 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.

General Education Credits—43
(See General Education Requirements for Professional Degrees Table, p. 42). Students choosing to CLEP out of Computer Tools must take a 3-credit elective to satisfy the 126 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. This could be done over the summer. The breakdown of hours is as follows:
   - 75–80 hours prior to beginning NRSG331 MedSurg Community Based
   - Externship during the summer after completing NRSG332 MedSurg Acute and prior to entering NRSG430/440 Obstetrics and Pediatrics (hours will vary, but a min. of 300)
   - 120 hours during NRSG480 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 NRSG216.

BS: Nursing (Completion) (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 required for graduation.

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

Nursing Major Requirements—32
NRSG305, 315, 320, 366, 408, 414, 418, 445 (3 credits), 450, 466 (3 credits), 480
Required cognates—24
(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); PSYC101, 301; FDNT230; STAT285
General Education Credits—43
(See General Education Requirements for Professional Degrees Table, p. 42.

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.

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 so as 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. BIOL111, BIOL112, BIOL113, PSYC301, FDNT230, PSYC101 (Cognates)
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.
5. 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)
6. High school chemistry with a grade of C or better or an introductory college chemistry course.
7. An acceptable criminal background check from company recommended by Department of Nursing—to include Berrien County.
8. Physical examination report that must include:
   a. Tuberculin skin test (if positive 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
9. 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:

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 to or greater than MATH145.
3. 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% or higher is required to pass each nursing class.
- A test average of 75% or above is required for identified nursing classes.
- No grade lower than a C is accepted in any undergraduate nursing or cognate courses.
- GPAs are calculated separately at the end of each semester.
- A minimum 2.75 GPA is required for cognates and cumulative 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. 30).
- Clinical attendance: See p. 30 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.
- Students will be required to show competence via external standardized testing before progressing to certain classes.

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 in the course description. In nursing classes with a lab, 1 credit meets for 30 clock hours.

Undergraduate Courses (Credits)

See inside front cover for symbol code.

NRSG211 **(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*

NRSG212 **(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: 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 **$ (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 2 credits theory and 2 credits practicum. Prerequisites: BIOL111, 112, 113, PSYC301, FDNT230, PSYC101, 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 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: BIOL111, 112, 113. *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. *Spring*

NRSG331 **$ (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 2 credits theory and 2 credits practicum. Prerequisites: NRSG211, 240, 305, 315. *Fall*

NRSG332 **$ (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 3 credits theory and 2 credits practicum. Prerequisite: NRSG331. *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*

NRSG406 **(1.5)**
Comprehensive Overview I
Review of nursing knowledge to serve as preparation of pre-licensure students for the NCLEX. Prerequisite: NRSG332; Corequisites: NRSG430, 440. *Fall*

NRSG408 **(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: NRSG331 or permission of the Department of Nursing. *Spring*

NRSG414 **(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: NRSG332 for NCLEX preparatory students, NRSG315, 408. *Fall*

NRSG416 **$ (1.5)**
Comprehensive Overview II
A continutation of reviewing nursing knowledge to serve as preparation of pre-licensure students for the NCLEX. Prerequisite: NRSG406. *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: NRSG430, 440 or 414. *Spring*

NRSG430 **(4)**
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 3 credits theory and 1 credit practicum. Prerequisites: NRSG332, PSYC301. *Fall*

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 **(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: NRSG331 or 320 or permission of the Department of Nursing. *(BS Completion students take the class for 3 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: NRSG430, 440 or 414. *Spring*

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, 414 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). Includes 1 credit seminar and 2 credits practicum. Prerequisites: NRSG414, 430, 440. Corequisite: NRSG450. *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
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—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. 68 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*

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. 51 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.