MUPF500  $ (1-3)
Applied Music Study in Private Lessons (minor performance)
May also be chosen by non-music majors. Repeatable.

MUPF506  $ (1-3)
Advanced Conducting — Choral/Instrumental
Section 01: Study of the art and techniques of conducting relative to the score and to the chorus as a performance instrument.
Section 02: Study of the art and techniques of conducting relative to the score and to the orchestra or band as performance instruments. Major works are studied and conducted. Repeatable.

Ensembles—Graduate  (0 or 1)
Department of Music ensembles are open to all students upon permission of the instructor. Ensemble credit may fulfill part of the General Education arts/humanities breadth requirement. Permission to add or drop an ensemble must be approved by the respective instructor.

MUPF525  University Orchestra
MUPF526  University Wind Symphony
MUPF527  University Chorale
MUPF528  University Singers
MUPF530  Advanced Keyboard Ensemble
MUPF535  I Cantori
MUPF537  Ladies’ Chorus
MUPF538  Chamber Music Ensembles

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.

MUPF575  Recital (1-2)
MUPF640  Recital Continuation (0)

RESEARCH AND SPECIALIZED STUDY

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

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NURSING

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

Faculty
Karen A. Allen, Chair
Ruth D. Abbott, Director of Graduate Programs
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Frances E. Johnson, Associate Chair
Director of Undergraduate Programs
Arlene M. Saliba
Cynthia C. Small
Victoria L. Wickwire

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Academic Programs

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Seventh-day Adventist nursing is a professional practice designed to assist in the restoration of individuals to the image of their Maker. Professional nurses promote health and prevent illness through the facilitation of informed decision making and self-care behaviors in addition to providing expert and compassionate care to clients and families.

The Nursing Department provides a baccalaureate education in nursing, which enables graduates to practice basic professional nursing, to use that practice as a vehicle for Christian witness, and to cultivate the intellectual skills needed for graduate study in nursing. The department also provides graduate education in nursing which enables alumni to practice nursing at an advanced level, to expand professional communication skills, to analyze and apply research appropriately, to develop expertise in a selected advanced practice role and to integrate Christian principles into institutional policy development and application as well as in professional practice.

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
61 Broadway-33rd Floor
New York, NY 10006
Phone: 212-363-5555 Ext. 153
Academic Programs

UNDERGRADUATE NURSING 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-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-three years of study for Registered Nurses. A research utilization project is required. This program includes practicum hours in an appropriate setting. (See p. 159 for degree requirements, admission criteria, progression, and course descriptions.)

UNDERGRADUATE DEGREE REQUIREMENTS

BS: Nursing (NCLEX-preparatory)—127
General Education Credits—47 (see p. 39)
Required cognates—21
BIOL111, 112, 113, 260; (BIOL165, 166 may substitute for BIOL111, 112); PSYC220 or EDPC301; 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
NRSG211, 212, 215, 216, 240, 305, 315, 331, 332, 366, 408, 414, 416, 418, 430, 440, 445, 450(S), 466, 480

All NCLEX preparatory students accepted into the nursing program will:
1. Be required to work in an acute care setting as a nursing assis-
tant, nursing technician or the equivalent. Students will be required to work a minimum of 500 hours while enrolled in the nursing program. (See Handbook)
2. Be expected to complete the NCLEX-preparatory program within five years from beginning NRSG216.

BS: Nursing (Completion)—127
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).
The Childbearing Family—5
The Developing Child—5
Psychiatric-Mental Health Nursing—5
Care of the Adult Client—12

General Education courses are also considered when transferring into our program. Each student will be evaluated on an individual basis to consider which credits remain of the 44-50 required for graduation.

General Education Credits—47 (see p. 39)
Required cognates—21
BIOL111, 112, 113, 260; (BIOL165, 166 may substitute for BIOL111, 112); PSYC220 or EDPC301; 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
NRSG305, 315, 320, 366, 408, 414, 418, 445, 450, 466, 480

UNDERGRADUATE ADMISSION REQUIREMENTS

Application for admission will require a minimum of six weeks for processing and evaluation. Deadline for entry into the Fall semester is last week of June.

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 2.50
2. BIOL111, BIOL112, BIOL113, PSYC220 or EDPC301, FDNT230, PSYC101, NRSG215
3. Minimal combined GPA for cognates of 2.50. 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
6. High school chemistry with a grade of C or better or an introductory college chemistry course.
7. Physical examination report that must include:
annual review of required health care competencies. (See Handbook for specifics)

Students wishing to transfer in nursing credits must have course work evaluated by the nursing department admissions and progressions committee.

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)

PROGRESSION

All undergraduate nursing students need to understand that:

- A grade of 75% or higher is required to pass each nursing class.
- A test grade and final examination average of 75% or above is required for each nursing class.
- No grade lower than a C is accepted in any undergraduate nursing or cognate course.
- GPAs are calculated separately at the end of each semester.
- Be aware that independent studies cannot replace required courses.
- Students wishing to transfer in nursing credits must have course work evaluated by the nursing department admissions and progressions committee.

- Any student on a Leave of Absence for 2 years or more, must have a readmission reevaluation of both clinical and theoretical knowledge.
- Class attendance: The Department of Nursing will uphold university policy. Classes with a clinical component may have stricter guidelines.
- If one nursing course is failed (grade < C) this automatically places the student in the departmental support program.
- A nursing course may only be repeated once.
- Students may repeat only a total of two nursing courses.
- 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.

BS: Nursing (Completion) Program

Admission requirements are as follows:
1. RN license in the United States (No exceptions are granted to this policy).
2. Minimum GPA of 2.50
3. Minimum combined GPA for cognates of 2.50. A grade of C- is unacceptable for any cognate course.
4. Physical examination report that must include
   a. Tuberculin skin test (chest X-ray if positive) and yearly 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
5. Current CPR certification

For those applicants whose native language is not English, the following may be substituted for the Nelson Denny test:
1. MELAB—score of 80
2. 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.

PRACTICUM

Undergraduate nursing practicum: In nursing classes with a clinical component, 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 NRSG216).

Undergraduate Courses

See inside front cover for symbol code.

NRSG211

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

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 nursing department. Fall

NRSG215

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

NRSG216

Fundamentals of Nursing Theory and Practice

Integrates the nursing process into basic nursing skills, medication administration, and client assessment through the developmental stages of the adult. Includes theory and practicum. Prerequisites: BIOL111, BIOL112, BIOL113, PSYC220 or EDPC301, FDN230, PSYC101, NRSG215 or permission of nursing department. Fall
NRSG240  
**Psychiatric-Mental Health Nursing**

Presents the nurse's role in facilitation of mental health and in prevention, assessment and management of mental illness. Includes theory and practicum. Prerequisites: NRSG211, 216, 305, PSYC101 or permission of the nursing department. **Fall**

NRSG305  
**Health Assessment**

Introduces theoretical and practical skills for performing a focused and comprehensive health assessment. Emphasizes data collection for recognition of 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, PSYC220 or EDPC301, FDNT230, NRSG215 or RN, LPN. **Fall**

NRSG315  
**Pathophysiology**

Explores physiological adaptations and changes that contribute to and result from various altered health-care states. Prerequisites: RN or LPN, or BIOL111, 112, 113, NRSG305. **Spring**

NRSG320  
**Transitions in Nursing**

Introduces and applies principles from the AU Department of Nursing's philosophy, mission, and conceptual framework. Supports autonomous aspects of nursing as a discipline and a profession. Must be taken before NRSG408, 418, 450 or permission of the nursing department. **Fall**

NRSG331  
**Medical-Surgical: Community-based Nursing**

Integrates and applies the nursing process to prevent disease, and promote, restore, or maintain health for adult client and their families with community-based medical-surgical conditions. Includes theory and practicum. Prerequisites: NRSG211, 240, 315. **Fall**

NRSG332  
**Medical-Surgical: Acute-care Nursing**

Integrates and applies the nursing process to restore health and manage health problems for adult clients and their families with acute medical-surgical conditions, in acute and critical-care settings. Includes theory and practicum. Prerequisites: NRSG211, 216, 305. **Fall**

NRSG366  
**Complementary Wellness and Restoration I**

Introduces the use of complementary modalities in facilitating self-care behavior as well as restoration of the whole person. **Fall**

NRSG408  
**Families in Stress and Crisis**

Utilizes concepts of restoration and synergy to meet psychosocial needs of compromised clients and their families. Emphasis on developing competency in intervening with stress, crisis, illness behavior, and addictive behavior. Prerequisites: NRSG320 or 331. **Spring**

NRSG414  
**High Acuity Nursing**

Focuses on needs of clients with complex problems which may include, but are not limited to cardiac, respiratory, metabolic, neurologic, dermatologic, obstetrical, or multiple trauma. Includes an overview of ICP monitoring, ventilators, and fluid resuscitation. Special needs of pediatric and elderly clients addressed. Prerequisites: NRSG315, 408, and for the NCLEX preparatory students: NRSG332. **Fall**

NRSG416  
**Comprehensive Overview**

An undergraduate review of nursing knowledge to serve as a preparation for the licensure examination for pre-licensure students. Prerequisites: NRSG430, 440. **Spring**

NRSG418  
**Leadership in Nursing**

Provides opportunity for the student to gain advanced knowledge and leadership skills. Promotes the utilization of restorative principles of leadership in nursing theory and practice. Information provided on indirect and direct service, and professional maintenance activities. Prerequisites: NRSG430, 440 or 414, 466. **Spring**

NRSG430  
**The Childbearing Family**

Emphasizes restorative and evidence-based nursing care of the childbearing family throughout conception, pregnancy, postpartum, and the neonatal period with an added focus on women's health issues. Includes theory and practicum. Prerequisites: NRSG332, PSYC220 or EDPC301. **Fall**

NRSG440  
**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: NRSG332, PSYC220 or EDPC301. **Fall**

NRSG445  
**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. **Spring**

NRSG450  
**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: NRSG430, 440 or 414, 466. **Spring**

NRSG466  
**Complementary Wellness and Restoration II**

An in-depth exploration of complementary modalities that can be utilized in conjunction with traditional modalities to assist a client, either healthy or with a complex/high acuity need, towards restoration to the image of God in wellness, health maintenance, and disease prevention. Prerequisites: NRSG366, 408 or permission of nursing department. **Fall**

NRSG480  
**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**
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.

MS: Nursing

NURSE EDUCATION

Core Classes—15
NRSG 510, 517, 530, 580, 655, 698

Nurse Education—23
NRSG 527, 548, 555, 638, 658, 660, 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

GRADUATE ADMISSION REQUIREMENTS

MS: Nursing

NURSE EDUCATION

In addition to the general admission requirements in the Graduate Admissions section of this 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, and
6. GRE scores.

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. 61 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

See inside front cover for symbol code.

NRSG510
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
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
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. Prerequisites: NRSG510, 517, 580, 638, 655. Spring

NRSG530
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
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. Prerequisites: NRSG510, 517, 580, 638, 655. Fall

NRSG555
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: NRSG527, 548, 698. Spring

NRSG580
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. Spring

NRSG638
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.

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. Spring

NRSG658 (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: NRSG510, 517, 580, 638, 655. Fall

NRSG660 (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: NRSG510, 517, 580, 638, 655. 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: NRSG 660, 658, 668. 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, 655. Fall

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: NRSG 660, 658, 665, 668. Fall

NRSG690 (1-3)
Independent Study
NRSG698 (1-2)
Research Utilization Project
Requires the student to use a recognized research utilization model to develop an evidence-based innovation for possible implementation. Must take either 2 credits and complete the project in one semester or take 1 credit/semester in two consecutive semesters and complete the project. Prerequisite or corequisite: NRSG655.