

# NURSING

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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

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# Academic Programs

## UNDERGRADUATE NURSING PROGRAMS

### BS NCLEX-PREPARATORY PROGRAM

(For all 2<sup>nd</sup> 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 practice.

### 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 clinical setting. (See p. 154 for degree requirements, admission criteria, progression, and course descriptions.)

## UNDERGRADUATE DEGREE REQUIREMENTS

**BS: Nursing (NCLEX-preparatory)—124-130**

**General Education Credits—44-50** (see p. 37)

**Required cognates—21**

BIOL111, 112, 113, 260; (BIOL165, 166 may substitute for BIOL111, 112); 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

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. (See Handbook)
2. Be expected to complete the NCLEX-preparatory program within five years from beginning NRS216.

### **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 standardized examinations. The NLN Upward Mobility Profile II Tests, or an acceptable option, passed at the recommended score upon admission, allowing the following credits to 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—44-50** (see p. 37)

##### **Required cognates—21**

BIOL111, 112, 113, 260; (BIOL165, 166 may substitute for BIOL111, 112); EDCP301; 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 cognate (Anatomy & Physiology, Microbiology, Human Development, Nutrition, Psychology, and Statistics) is 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 CLEP exam approved by the Department of Nursing.

##### **Nursing Major Requirements—32**

NRS216, 305, 315, 320, 366, 418, 445, 450, Acute Care Nursing emphasis—NRS408, 414, 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 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:

1. Minimal overall GPA of 2.50
2. Minimal combined GPA for cognates of 2.50. A grade of C- is unacceptable for any cognate course.
3. An acceptable report on the Career Occupational Preference System (COPS) is required.
4. A math placement score of P2 or above or a grade of C or higher in MATH107
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
  - a. Tuberculin skin test (chest X-ray if positive) and yearly thereafter
  - b. Proof of immunization for measles, mumps, rubella, diptheria, tetanus, and hepatitis B
  - c. Proof of either having had chickenpox (dates of disease or tested for varicella-zoster antibodies) or the immunization

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)

#### **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 for measles, mumps, rubella, diptheria, 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)

### **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 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 courses.
- 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.

- 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 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 will automatically place the student in our 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.

EDPC301, NRS211, 305, 335. Prerequisites: NRS215 or permission of nursing department. *Fall*

#### **NRS240**

**\$ (4) (3-1)**

***Psychiatric-Mental Health 127929ng conceptual framework. Provides survival tips for success as a nursing student and in the profession from a Christian standpoint. Includes no practicum. Spring***

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### **PRACTICUM**

Undergraduate nursing practicum: In nursing classes which contain a practicum, a ratio of four clinical hours per practicum semester credit will be adhered to. For example, a 1-credit practicum meets for four hours per week for 15 weeks (one semester) equaling 60 hours, a 2-credit practicum course meets for 8 hours per week for 15 weeks equaling 120 hours. This is 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 indicate the number of clinical hours.

## **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 (1)**

#### ***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 nursing department. *Fall*

### **NRS215 (1)**

#### ***Introduction to Nursing Concepts***

Explores professional nursing activities within the context of the AU Department of Nursing conceptual framework. Provides survival tips for success as a nursing student and in the profession from a Christian standpoint. Includes no practicum. *Spring*

### **NRS216 \$ (4) (2-2)**

#### ***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. Corequisites:

**NRSG418 (3)*****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. *Spring*

**NRSG430 (4) (3-1)*****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 theory and practicum. Prerequisites: NRSG332, EDPC301. Corequisite: NRSG440. *Fall*

**NRSG440 § (4) (3-1)*****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, EDPC301. Corequisite: NRSG430. *Fall*

**NRSG445 (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. Corequisite: STAT285 or permission of the nursing department. *Spring*

**NRSG450 \$ S (4) (2-2)*****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. *Spring*

**NRSG495 (1)*****Independent Study* \_\_\_\_\_****EMPHASIS IN NURSING: ACUTE CARE (12)\***

Because studies consistently show that ¾ of all RNs work in an acute care setting, a selection of classes have been designed to prepare nursing students to function within their scope of practice in the acute care arena. Thus, an evaluation of the care and education required by to clients and their families with critical conditions has been provided.

To enter the emphasis classes, the following prerequisites apply:

- NCLEX preparatory students: NRSG 315, 331.
- BS completion students: NRSG 320.
- or obtain permission from the Department of Nursing

**NRSG408 (3)*****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 (3)*****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*

**NRSG 466 (3)*****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 (3) (1-2)*****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). *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, 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—12

NRSG658, 660, 665, 668, 680

**NOTE:** We are no longer accepting students into the following programs:

- Adult Nurse Practitioner
- Family Nurse Practitioner
- Administration/Leadership
- Post MS Adult Nurse Practitioner
- Post MS Family Nurse Practitioner
- Post MS/ANP Family Nurse Practitioner

For students currently in these programs refer to the following degree requirements.

For those students currently in the following graduate nursing programs, these are the degree requirements for each emphasis still offered.

**Core Classes:** Refer to 2002-2003 Bulletin.

#### Adult Nurse Practitioner—28

NRSG527, 548, 555, 565, 571, 572, 581, 582, 608, 658 or 645

#### Administration/Leadership—25

ACCT500; MKTG540; BSAD515, 670; NRSG610, 611, 618, 619

## 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
2. Overall undergraduate GPA of 3.25.
3. Current licensure as an RN in the United States and are eligible for licensure in either Michigan or Indiana
4. Positive recommendations by present or recent employers
5. One year of nursing experience after graduation
6. Undergraduate course in statistics, and
7. 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
  2. Current RN registration in either Michigan or Indiana
- See Financial Information section, p. 58 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.
- If provisionally admitted without current Michigan or Indiana license, must have said license before beginning the first practicum.
- Complete their research utilization project (NRSG698) by the midpoint of their academic course. (Usually during the fall semester of the second year.)
- 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. Prerequisites: NRSG510, 517, 580, 638, 655. *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 pathophysiology that will better enable nurses to critically evaluate therapeutic strategies for the prevention of or alleviating responses to diseases that could hinder restoration. Application of information to clients of various ages and ethnic groups will be investigated. Prerequisites: NRSG510, 517, 580, 638, 655. *Fall*

**NRSG555 (2)**

***Advanced Health Assessment***

Develops advanced assessment skills necessary for the recognition of health and the diagnosis of illness as well as for the analysis of risk factors which might be managed to avoid illness. Prerequisites: NRSG527, 548, 698. *Spring*

**NRSG571 (4)**

***Primary Care of Adults I***

Introduces concepts of primary care of young adults to the elderly, including the symptomatology, pathophysiology, and management of a variety of conditions. Prerequisites: NRSG527, 548, 555, 565. (Last time class will be offered.) *Fall*

**NRSG572 (4)**

**Primary Care of Adults II**

**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, 580, 638, 655. *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: NRS660, 658, 668. *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, 655. *Fall*

**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: NRS660, 658, 665, 668. *Fall*

**NRS690** (1-3)

***Independent Study***

**NRS698** (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: model to de2