

**The University of Tulsa  
Updates to the 2002-2004 Undergraduate Bulletin**

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**Bachelor of Science Program in Nursing**

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**Clinical Instructors**

Marie Ahrens  
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**Visiting Clinical Instructor**

Merry Beeson

**Bachelor of Science Program in Nursing**

The School of Nursing's undergraduate curriculum leads to the bachelor of science degree in nursing (B.S.N.). The curriculum provides a broad general education and a solid professional program based on a nursing model (the Roy Adaptation Model) rich in content and applicability. Our goal is to produce an educated individual who is a professional nurse.

The School of Nursing is approved by the Oklahoma Board of Nursing. Graduates of this state-approved program are eligible to apply to write the National Council of Licensure Examination (NCLEX) for registered nurses.

The School of Nursing's program is accredited by the National League for Nursing Accrediting Commission, 61 Broadway, 33rd Floor, New York, NY 10006 (1-212-363-5555, ext 153). The school is a member of the Council on Baccalaureate and Higher Degree Programs of the National League for Nursing and the American Association of Colleges of Nursing.

**Admission and Progression**

Once admitted to the University, students apply to the School of Nursing for progression in the nursing program. As clinical spaces are limited, a competitive selection process occurs during the spring semester for students who wish to enroll in fall sophomore level nursing courses. International students interested in the B.S.N. must have a TOEFL score of 550 (paper) or 213 on the computer based exam. Advanced standing may be obtained with approval of courses on college transcripts. All students are assigned a faculty advisor to assist them in their advancement through the program. Students must earn at least a grade of C in all nursing foundation courses before entering courses for which the nursing foundation course is a prerequisite. The student must have a University of Tulsa cumulative grade point average of 2.5 before entering the Level I sophomore year nursing course and in order to progress to Level II junior and Level III senior nursing major courses. A student who receives a grade below C in any nursing major or nursing foundation courses is required to reapply for admission to the program.

## **Nursing Scholarships**

The University of Tulsa recognizes that financing a quality college education is often difficult, and we are dedicated to providing equal access to all qualified students. Grants, loans, and work study opportunities are available through the university's Office of Student Financial Services. Scholarship funds have been established for the School of Nursing that can cover up to one-half of tuition for those who have made exceptional grades in high school or college. These scholarships include monies from the Nettie M. Jones Foundation and St. Francis Hospital. Additional funds may be awarded directly to the student by Tulsa hospitals for junior and senior years. Students repay these additional funds by working for the funding institution after graduation. Out-of-town students who plan to return home after graduation should check with their local hospitals for similar financial assistance. A tuition payment plan is available through the Business Office. This plan allows payment of charges on an installment basis.

To apply for a nursing scholarship, a student must be admitted to The University of Tulsa, complete the FAFSA financial aid form and have the results sent to this university each spring semester.

## **Internet-Mediated Advanced Standing Program for Registered Nurses**

The School of Nursing adopted the Oklahoma Nursing Articulation Model for RN's. Progression is based on experience and/or refresher course or equivalent and accreditation of the basic nursing program. The procedure for The University of Tulsa School of Nursing is to verify: (1) current Oklahoma licensure; (2) transcripts; (3) basic nursing program accreditation; (4) recent employment (up to 5 years previous); and (5) refresher course completion. The BSN degree requires 124 credit hours for graduation. A maximum of 37 credit hours may be earned by proficiency examinations of transcripts, clinical experience, and licensure, and a maximum of 62 credits for equivalent courses may be transferred from a two-year community/junior college. Associate Degree nurses receive transfer credit for NSG 2232, 2254, 2264, and 2273. Credit will be awarded for NSG 3154, 3164, 3174, 3254, 3264, and 3274 (24 credit hours) after successful completion of NSG 4174, 4184, 4194. Required nursing courses are NSG 1012, 2023, 4174, 4184, 4194, 4232, 4263, and 4275. These nursing courses can be completed in one calendar year beginning in May. Classes are web-based but will include "live" class sessions. Typically, students concentrate on one course at a time in a 5-6 week session. For further information, consult the Director of the School of Nursing.

## **Upward Mobility Program for Licensed Practical Nurses**

Licensed Practical Nurses may earn up to 13 credit hours through proficiency examinations for NSG 2254, 2264, 2273 and AHS 2122. LPN students are required to take NSG 2023 in addition to the standard BSN requirements. For further information, consult the Director of the School of Nursing.

## **Other Information and Requirements**

**Liability Insurance:** Liability insurance is required for any student enrolled in nursing clinical courses. Insurance fees are automatically billed to the student's account through the Business Office.

**Transportation and Uniforms:** Students are responsible for providing their own transportation to clinical areas and are required to buy their own uniforms, in accordance with the school dress code. (See Student Handbook for dress code.)

**Criminal Background Check:** Nursing students are required for specific clinical placement to have a criminal background check conducted. This check is required at the time of admission to the Nursing program.

**Health Requirements:** Prior to entry into clinical courses, students are required to present proof of the following immunizations and screenings to the School of Nursing secretary: TB test using CDC guidelines for two step method or chest X- ray, measles, rubella screening, diphtheria, tetanus, mumps, and hepatitis B.

These may be done at the Alexander Health Center on campus for a fee or at a private physician's office. Students who do not desire the required rubella or hepatitis B immunization must sign a waiver.

**Cardiopulmonary Resuscitation (CPR).** Prior to sophomore admission and every year thereafter, nursing students must provide documentation of CPR certification for adults, children and infants using one and two man methods (American Red Cross CPR for Health Care Provider or American Heart Association CPR for the Professional Rescuer).

## Licensure

The University of Tulsa cannot guarantee that completion of the baccalaureate program of nursing will enable one to take the National Council of State Board Licensure Examination for Nursing.

## Curriculum

All students in the School of Nursing are exposed to four distinct areas of study leading to completion of the B.S. degree in nursing: the Tulsa Curriculum (comprised of two parts - core curriculum and general curriculum), the nursing foundation courses, and the nursing major requirements.

The 124-credit-hour degree program consists of the following requirements:

**I. Tulsa Curriculum (42 hours)**

Every undergraduate must fulfill the requirements of the Tulsa Curriculum, which has two parts: the core curriculum and the general curriculum.

**Core Curriculum (16 hours)**

Engl 1033, Engl 3033, Bus 1001, Math 1093, MIS 1123, QM 2013  
(QM 2013 is also a Major Foundations course.)

**General Curriculum (26 hours)**

Block I (6 hours), Block II (12 hours), Block III (8 hours)

**II. Major Foundation Courses (15 hours)**

**III. Nursing Major Requirements (61 hours)**

**IV. Electives (3)**

**V. Nursing Major Electives (3 hours)**

### Nursing Foundation Courses (18 hrs)

Consists of biological, behavioral, and statistical sciences prerequisites to all levels in the nursing major. The following courses must be completed with a grade of C or better:

**Prior to Level I Clinical - Second semester (9 hrs)**

AHS 2122, Normal Nutrition  
Biol 1023, Anatomy and Physiology  
Biol 1021, Anatomy and Physiology Lab  
Psy 3063, Human Development Over the Life Span

**Prior to Level II Clinical (3 hrs)**

AHS 2223, Microbiology for Health Professionals

**Prior to Level III - Second semester (6 hrs)**

AHS 4043, Introduction to Applied Health Care Research  
QM 2013, Statistics I (Part of the Core Curriculum hours)

### Bachelor of Science in Nursing Major

The major in nursing is offered in Levels (Level I - sophomore; Level II - junior; Level III - senior) and builds upon basic knowledge and skills in the core curriculum, broad experience in the general curriculum, and specific knowledge and skills in the major prerequisites. The major is sequentially based on a hierarchy of knowledge. Students cannot progress within a level or to the next level without successfully completing prior courses with a grade of C or better.

**B.S. Nursing Major Requirements (61 hrs)**

Nsg 1012, Overview of Nursing

Nsg 2232, Pharmacology and Metrology  
Nsg 2254, Applied Science I  
Nsg 2264, Nursing Science I  
Nsg 2273, Nursing Interventions I  
Nsg 3154, Applied Science II  
Nsg 3164, Nursing Science II  
Nsg 3174, Nursing Interventions II  
Nsg 3254, Applied Science III  
Nsg 3264, Nursing Science III  
Nsg 3274, Nursing Interventions III  
Nsg 4154, Applied Science IV  
Nsg 4164, Nursing Science IV  
Nsg 4174, Nursing Interventions IV  
Nsg 4232, Nursing Trends  
Nsg 4263, Nursing Science V  
Nsg 4275, Nursing Interventions V

(Nsg 2023, Health Assessment Across the Life Span, is required for Licensed Practical Nurses utilizing advanced placement procedures and for Registered Nurses transferring credit for Nsg 2254, 2264, and 2273.)

## **Sequenced Program of Study**

### **Freshman Year**

#### *Fall Semester (17 hrs)*

Bus 1001, CBA Orientation  
Bus 1013, Business in Society (Block II)  
Chem 1004, Chemistry in Medicine (Block III)  
Engl 1033, Exposition & Argumentation  
Math 1093, Mathematics with Applications  
Block I Elective (3 hrs)

#### *Spring Semester (16 hrs)*

Biol 1504, Cellular Biology (Block III)  
MIS 1123, Business Information Technology  
Block I Elective  
Block II Elective  
Block II Elective (3 hrs)

### **Sophomore Year**

#### *Fall Semester (14 hrs)*

AHS 2122, Nutrition  
Biol 1023, Anatomy & Physiology  
Biol 1021, Anatomy & Physiology Lab  
Nsg 1012, Overview of Nursing  
Psy 3063, Human Development Over the Life Span  
Block II Elective (3 hrs)

#### *Spring Semester (16 hrs)*

AHS 2223, Microbiology for Health Professionals  
Nsg 2232, Pharmacology  
Nsg 2254, Applied Science I  
Nsg 2264, Nursing Science I  
Nsg 2273, Nursing Interventions I

### **Junior Year**

#### *Fall Semester (15 hrs)*

Nsg 3154, Applied Science II  
Nsg 3164, Nursing Science II  
Nsg 3174, Nursing Interventions II  
QM 2013, Statistics I

*Spring Semester* (15 hrs)

AHS 4043, Introduction to Applied Health Care Research  
Nsg 3254, Applied Science III  
Nsg 3264, Nursing Science III  
Nsg 3274, Nursing Interventions III

**Senior Year**

*Fall Semester* (15 hrs)

Nsg 4154, Applied Science IV  
Nsg 4164, Nursing Science IV  
Nsg 4174, Nursing Interventions IV  
Elective (3 hrs)

*Spring Semester* (16 hrs)

Engl 3003, Writing for the Professions  
Nsg 4232, Nursing Trends  
Nsg 4263, Nursing Science V  
Nsg 4275, Nursing Interventions V  
Nsg Elective (3 hrs)

**Nursing (Nsg)**

**1012 (2 hours)**

**Overview of Nursing**

Professional, historical, social, and political forces that affect nursing and health care. Conceptual framework and major concepts of the curriculum are presented. Emphasis on the School's use of the Roy Adaptation Model of Nursing Practice. Prerequisite: Admission to the nursing program or permission of the School of Nursing Director.

**2023 (3 hours)**

**Health Assessment Across the Life Span**

Health assessment through the life span based on the Roy Nursing Adaptation Model. Emphasis on techniques of history-taking and health assessment as part of nursing process. Includes theory, demonstration, and practice.

**2123 (3 hours)**

**Folk Healing**

Provides a multicultural exploration of folk (generic) healing beliefs of traditional peoples. Students define universally common healing practices and make theoretical links between folk healing and health, behavioral and social sciences.

**2232 (2 hours)**

**Pharmacology and Metrology**

Basic principles of pharmacotherapeutics utilized by professional nurses, and metrology calculation related to drugs and solutions. Prerequisite: Chem 1004. Corequisites: Nsg 2254, 2264, 2273.

**2242 (2 hours)**

**Transcultural Health Care**

Lifestyles, health beliefs, and health practices of various cultural groups. Prevention of undue cultural shock and cultural clashes related to transcultural health care problems.

**2254 (4 hours)**

**Applied Science I**

Health and simple disruptions in daily life. Includes pathophysiology. Prerequisites: Biol 1023, 1021, and Psy 3063. Corequisites: Nsg 2264, 2273.

**2264 (4 hours)**

**Nursing Science I**

Assessment of the individual experiencing health and simple disruptions in daily living across the life span. Use of the nursing process to promote health. Prerequisites: Psy 3063, AHS 2122, Biol 1023 & 1021. Corequisites: Nsg 2232, 2254, 2273.

**2273 (3 hours)****Nursing Interventions I**

Application of concepts and principles from Applied Science I and Nursing Science I in the care of clients across the life span in clinical settings. Prerequisites: Psy 3063, Biol 1023 and 1021. Corequisites: Nsg 2232, 2254, 2264.

**3154 (4 hours)****Applied Science II**

Acute disruptions of health across the life span. Includes pathophysiologic and psychopathologic processes, applied theories, medical, nutritional, and pharmacological management. Prerequisites: Nsg 2232, 2254, 2264, 2273; AHS 2223. Corequisites: Nsg 3164, 3174.

**3164 (4 hours)****Nursing Science II**

Use of the nursing process to help clients and families adapt to acute disruptions of health presented in Applied Science II. Prerequisites: Nsg 2232, 2254, 2264, 2273; AHS 2223. Corequisites: Nsg 3154, 3174.

**3174 (4 hours)****Nursing Interventions II**

Laboratory application of the concepts and principles from Applied Science II and Nursing Science II in the care of clients and families across the life span in acute care and community settings. Prerequisites: Nsg 2232, 2254, 2264, 2273; AHS 2223. Corequisites: Nsg 3154, 3164.

**3254 (4 hours)****Applied Science III**

Continuation of Applied Science II, with emphasis on acute disruptions of health across the life span. Includes psychopathologic and pathophysiologic processes, applied theories, medical, nutritional, and pharmacological management. Prerequisites: Nsg 3154, 3164, 3174. Corequisites: Nsg 3264, 3274.

**3264 (4 hours)****Nursing Science III**

Continuation of Nursing Science II with emphasis on the nursing process to promote adaptation of clients and families experiencing acute disruptions of health presented in Applied Science III. Prerequisites: Nsg 3154, 3164, 3174. Corequisites: Nsg 3254, 3274.

**3274 (4 hours)****Nursing Interventions III**

Laboratory application of concepts and principles from Applied Science III and Nursing Science III in the care of clients and families across the life span in acute care and community settings. Prerequisites: Nsg 3154, 3164, 3174. Corequisites: Nsg 3254, 3264.

**3403 (3 hours)****Human Sexuality**

Introduction to human sexuality providing basic understanding of biopsychosocial factors in human sexual functioning. Opportunity for students to explore own values and attitudes. Not designed specifically for nursing majors.

**4133 (3 hours)****International Nursing and Technology**

Focuses upon the use of technology particularly computers in nursing practice, nursing service administration, nursing education and nursing research. International experiences include the use of technology in nursing compared between USA and another country and examination of relevant persons' contributions to the promotion and adaptation of technology.

**4154 (4 hours)****Applied Science IV**

Chronic disruptions of health across the life span. Includes pathophysiologic and psychopathologic processes, applied theories, medical, nutritional, and pharmacological management. Prerequisites: Nsg 3254, 3264, 3274. Corequisites: Nsg 4164, 4174.

**4164 (4 hours)**

**Nursing Science IV**

Use of the nursing process to help clients and families adapt to the chronic disruptions of health presented in Applied Science IV. Prerequisites: Nsg 3254, 3264, 3274. Corequisites: Nsg 4154, 4174.

**4174 (4 hours)**

**Nursing Interventions IV**

Laboratory application of concepts and principles from Applied Science IV and Nursing Science IV to the care of clients, families and communities experiencing chronic health disruptions in acute care and community settings. Prerequisites: Nsg 3254, 3264, 3274. Corequisites: Nsg 4154, 4164.

**4184 (4 hours)**

**Professional Nursing Concepts**

RN-BSN web-mediated course with emphasis on legal, cultural, community health, and ethics concepts. Prerequisites: AHS 4043, Nsg 2023. Corequisites: Nsg 4174, 4194.

**4194 (4 hours)**

**Complex Health Disruptions**

RN-BSN web-mediated course with emphasis on the application of knowledge, judgment, and skill in problem solving for clients with complex health disruptions. Prerequisites: Nsg 1012, 2023, AHS 4043. Corequisites: Nsg 4174, 4184.

**4203 (3 hours)**

**Nursing and Computers**

The use of computers in nursing practice, service administration, education, and research. Basic computer structures and functions are introduced. Experiences include use of microcomputers and mainframe computers, nursing software, clinical computers, and hospital information systems.

**4213 (3 hours)**

**Challenges of Childhood**

Challenges presented by developmental disability to child, family, and community; and genetic, prenatal, environmental and cultural influences upon diagnoses/syndromes of children with special needs. Emphasis on family-centered care as the cornerstone of intervention. For students in any field that involves caring for children with special needs.

**4232 (2 hours)**

**Nursing Trends**

Historical, philosophical, and social issues affecting nursing and nursing education, with predictions about future nursing roles and professional responsibilities. Prerequisites: Nsg 3254, 3264, 3274.

**4263 (3 hours)**

**Nursing Science V**

Theories of leadership and management in nursing. Prerequisites: Nsg 4154, 4164, 4174, AHS 4043. Corequisite: Nsg 4275.

**4275 (5 hours)**

**Nursing Interventions V**

Refinement of skill in applying nursing process, principles of leadership, and management to the care of clients experiencing health disruptions across the life span in a variety of settings. Prerequisites: Nsg 4154, 4164, 4174, AHS 4043. Corequisite: Nsg 4263.

**4903 (3 hours)**

**Understanding Electrocardiography**

Physiologic/pathophysiologic processes of cardiac function. Includes practicum in rhythm strip analysis and incorporation of electrocardiographic data in decision-making for client care. Prerequisites: Nsg 4154, 4164, 4174.

**Applied Health Sciences (AHS)**

**2013 (3 hours)**

**Statistics for the Health Sciences**

Basic descriptive and inferential statistical procedures with emphasis on their application in applied health settings: frequency distributions, measures of central tendency and dispersion, simple regression, correlation, and hypothesis testing. Prerequisites: Math 1093 or two years of high school algebra and MIS 1123 or permission of instructor.

**2122 (2 hours)**

**Normal Nutrition**

Principles of nutrition and the complex interaction between good nutrition and good health. Views optimal nutritional status as an essential component of health promotion.

**2133 (3 hours)**

**Life Span Processes**

Biophysical and psychosocial processes as they occur over the life span of the individual, with emphasis on aspects of growth in the human organism of interest to the health professional. Selected processes are discussed as they occur from conception to death.

**2223 (3 hours)**

**Microbiology for Health Professionals**

Introductory course in microbiology, including microorganisms characteristics, growth requirements, and methods of transfer. Emphasis on the effect of microorganisms on health of individuals and the principles underlying immunity. Prerequisites: Biol 1504 or equivalent, or permission of instructor.

**4043 (3 hours)**

**Introduction to Applied Health Care Research**

The scientific basis of applied health care, evaluation of published research, and application of research findings to practice. Research articles are critiqued and a group research proposal is developed. Prerequisites: QM 2013 or equivalent and junior standing or permission of instructor.