MISSION STATEMENT AND PURPOSES

The Department of Health Sciences is one of eleven academic departments at Rogers State University and supports the mission of Rogers State University. The department mission is to prepare students to achieve personal and professional goals and to educate safe and competent beginning practitioners of selected health fields. The department also prepares students majoring in other fields with health courses to support their degrees.

The faculty is committed to excellence in teaching and student service. Learning is best accomplished by providing students with accurate and reliable information, opportunities for individualized learning experiences, and guidance and direction through supportive resources. The teacher-learner relationship is enhanced when accountabilities and expected outcomes are clear. Students are supported and guided by the faculty to become active participants in learning in order to achieve professional and personal goals. The Health Sciences faculty believes that scientific reasoning and critical thinking are reflected as clinical judgment.

The purposes of the RSU Health Sciences Department mission are to:

1. Provide a baccalaureate degree, associate degrees, and educational opportunities for students, both traditional and nontraditional.

2. Provide opportunities for students to demonstrate competence in written and oral communications, scientific reasoning, and critical thinking that emphasizes qualitative as well as quantitative skills.

3. Promote and encourage a positive academic climate with students, community, faculty, and staff for instruction and communication.

PROGRAMS OF STUDY

Bachelor of Science
Nursing

Associate in Applied Science
Emergency Medical Services
Nursing
Option: Bridge NREMT–Paramedic/LPN to RN
The Bachelor of Science in Nursing, specifically designed for the Licensed Nurse, provides an opportunity for any licensed registered nurse educated at the associate degree or diploma level to achieve academic and personal goals and to develop stronger clinical reasoning and analytical skills to advance their careers. The Bachelor of Science in Nursing program is accredited by the Accreditation Commission for Education in Nursing.

**Mission Statement:**
The Rogers State University Bachelor of Science Program exists to build on Associate degree nursing graduates’ (ADN) and Diploma graduates’ educational preparation. The degree provides an opportunity for ADN and Diploma registered nurses to achieve academic and personal goals and to develop stronger clinical reasoning and analytical skills to advance their careers. Graduates of the Bachelor of Science degree in nursing are prepared for graduate programs in nursing...The nursing faculty supports the mission of Rogers State University. The faculty believes nursing education is best suited to institutions of higher learning and that evidence based practice and the use of critical thinking provide the foundation for appropriate clinical decision making. Concepts inherent in the practice of nursing are person, health, environment, nursing, nursing process, communication, learning, and nursing education at the associate and bachelor degree levels.

**REQUIRED HOURS** ........................................ 124

**Communications** ................................. 9
ENGL 1113 Composition I
ENGL 1213 Composition II
SPCH 1113 Speech Communication

**Social and Behavioral Sciences** .......................... 9
History .............................................. 3
Select from the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877
POLS 1113 American Federal Government ....... 3

**Social Science** ...................................... 3
Select from the following:
ECON 2113 Principles of Macroeconomics
ECON 2123 Principles of Microeconomics
*PSY 1113 Introduction to Psychology
SOC 1113 Introduction to Sociology

**Science and Mathematics** .............................. 12

**Physical Science** ................................... 5
Select from the following:
*CHEM 1315 General Chemistry I
GEOL 1014 Earth Science
GEOL 1114 Physical Geology
GEOL 1124 Physical Geography
GEOL 1224 Historical Geology
GEOL 2124 Astronomy
PHYS 1014 General Physical Science
PHYS 1114 General Physics I

**Biological Science** .................................. 4
Select from the following:
BIOL 1114 General Biology
BIOL 1134 General Environmental Biology
BIOL 1144 General Cellular Biology

**Mathematics** ....................................... 3
Select from the following:
MATH 1503 Mathematics for Critical Thinking
*MATH 1513 College Algebra
MATH 1613 Trigonometry
MATH 1715 Pre-Calculus
MATH 2264 Analytical Geometry & Calculus I

**Humanities** ....................................... 6
Select from the following:
ART (HUM) 1113 Art Appreciation
COMM (HUM) 2413 Theatre Appreciation
ENGL 2613 Introduction to Literature
HUM 2113 Humanities I
HUM 2223 Humanities II
HUM 2893 Cinema
MUSC (HUM) 2573 Music Appreciation
PHIL 1113 Introduction to Philosophy

**Global Studies** ................................... 3
Select from the following:
BIOL 3103 Plants and Civilization
ECON 3003 International Economic Issues and Policies
GEOG 2243 Human Geography
GERM 1113 Beginning German I
HIST 2013 World Civilization I
HIST 2023 World Civilization II
HUM 3633 Comparative Religion
LANG 1113 Foundations of World Languages
NAMS 1143 Native Americans of North America
NAMS 2503 Cherokee I
PHIL 1313 Values and Ethics
POLS 3053 International Relations
SOC 3213 Minority Groups
SPAN 1113 Beginning Spanish I
Elective ........................................ 3
Select three additional hours from the courses listed above and not previously selected.

*Required

Program Core Requirements .......................... 56
  Professional Specialty – 29 hours*
  NURS 4003 Professional Nursing Role
  NURS 4013 Health Assessment/Promotion
  NURS 4113 Rural Nursing
  NURS 4213 Nursing Science and Research
  NURS 4214 Management and Leadership in Nursing
  NURS 4223 Professional Nursing Practice Seminar
  NURS 4224 Family, Community and Public Health Nursing I
  NURS 4234 Family, Community and Public Health Nursing II

Support Course Requirements ....................... 23
  BIOL 2124 Microbiology
  BIOL 3204 Physiology
  HLSC 3323 Pathophysiology for the Health Professions
  MATH 2843 Statistics or
  SBS 3063 Social and Behavioral Statistics
  NUTR Nutrition Elective
  PHAR 2113 Fundamentals of Pharmacology
  PSY 3033 Developmental Psychology

Free Elective .......................................... 3

Total Credit Hours ................................. 124

* Advanced standing credit. Since this degree builds upon initial associate degree or diploma nursing preparation, the Registered Nurse receives advanced standing credit for a portion of the nursing major. Twenty-nine (29) hours of 3000 level nursing credit will be awarded via advanced standing based on appropriate state licensure documentation. These hours are represented on the degree plan as Professional Specialty.
Mission Statement:
The EMS Education Program faculty at Rogers State University is committed to delivering the highest quality of current medical education in order to graduate EMS professionals who meet or exceed the level of an entry-level practicing paramedic in the cognitive, affective, and psychomotor domains. The faculty believe that providing innovative, lifelong learning opportunities to our students in the pre-hospital and other medical environments are the best way to ensure high-level pre-hospital emergency care to the public. The EMS Education Program faculty are dedicated to preparing EMS leaders of the future by ensuring our students obtain a well-rounded educational experience in areas relevant to a professional Paramedic.

The Rogers State University Emergency Medical Services Program began in 1991 and is approved by the Oklahoma State Department of Health-Emergency Medical Services Division. The Emergency Medical Services Program is also nationally accredited by the Commission on Accreditation of Allied Health Education Program. This program exists to provide students with educational opportunities in the classroom and in clinical settings, and to prepare them to enter the profession of Emergency Medical Services. Upon successful program completion, graduates in the curriculum are eligible to take the National Registry Examination to become licensed as a Paramedic. PHTLS, ACLS, and PALS are included. The curriculum provides a collegiate-level educational experience well beyond the minimum requirements of licensure agencies. Admission is competitive.

EMS curriculum will be modified to accommodate changes in the EMT-Paramedic National Curriculum which has been developed by the National Transportation Board under the auspices of the United States Department of Health and Human Services, Health Resources and Human Services Administration, Maternal and Child Health Bureau. Please check with the Health Sciences department for information as to when the revised curriculum will be implemented.

Program Prerequisites

1. Basic Emergency Medical Technician (EMS 1108 or licensure)

2. Students must clear all academic deficiencies before admission to the program.

3. Computer Proficiency: Successful completion of institutional computer science proficiency exam or CS 1113 Microcomputer Applications.

4. All prerequisite courses must be completed prior to Fall admittance.

REQUIRED HOURS ........................................... 76

Communications .............................. 6
ENGL 1113 Composition I
ENGL 1213 Composition II

Social and Behavioral Sciences .......... 9
History .............................................. 3
Select from the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877

POLS 1113 American Federal Government .... 3

Social Science ..................................... 3
PSY 1113 Introduction to Psychology

Science and Mathematics .................. 9
Biological Science
BIOL 1144 General Cellular Biology*
BIOL 2215 Anatomy and Physiology*

Orientation ...................................... 1
ORIE 1151 The College Experience**

Program Requirements .................... 47
EMS 1103 Introduction to EMS and Patient Assessment
EMS 1113 Pharmacology for Pre-Hospital Providers
EMS 1124 Advanced Skills in Emergency Medical Services
EMS 1203 Field Operations
EMS 1213 ECG Interpretation
EMS 1225 Trauma Assessment and Management
EMS 2104 Medical Emergencies
EMS 2115 Special Patient Populations
EMS 2125 Cardiac/Respiratory Emergencies
EMS 2202 OB/GYN Emergencies
EMS 2241 EMS Leadership
EMS 2213 Physician Internship
EMS 2245 EMS Internship
EMS 2221 Public Health Principles

Support and Related ....................... 4
HLSC 1233 Medical Terminology
HLSC 1051 Blood Borne Pathogens and Hazard Communication

Total Credit Hours ............................ 76

*Pre-requisite Course

**ORIE 1151 will be waived for students transferring at least 24 collegiate semester hours. Credit hours transferred from a technology center will not count toward the total.
ASSOCIATE IN APPLIED SCIENCE
NURSING (054)

The Nursing Program began in 1981 and is approved by the Oklahoma Board of Nursing and accredited by the Accreditation Commission for Education in Nursing. The degree consists of a 72 credit hour program and can be completed in two years with a prerequisite semester by a full-time student. Admission is competitive.

Mission Statement
The Rogers State University Associate Nursing Program exists to provide selected students with educational opportunities, in the classroom and clinical settings, to prepare for the entry into the profession of nursing. Graduates of the Rogers State University Associate Degree Nursing Program are eligible to apply to the State Board of Nursing to take the National Council Licensure Examination to become a Registered Nurse. The associate graduate is prepared at an entry level of nursing practice and will require on-going education, both formal and informal to advance in the expertise of nursing practice...The nursing faculty supports the mission of Rogers State University. The faculty believes nursing education is best suited to institutions of higher learning and that evidence based practice and the use of critical thinking provide the foundation for appropriate clinical decision making. Concepts inherent in the practice of nursing are person, health, environment, nursing, nursing process, communication, learning, and nursing education at the associate and bachelor degree levels.

Program Prerequisites
1. Reading score of: ACT Reading 19, ACT Compass 83 or Nelson Denny 13.
2. All Academic deficiencies cleared including Computer Science. Proficiency in Computer Science may be achieved through Advanced Standing or successfully passing CS 1113 Microcomputer Applications with a ‘C’ or better.
3. Required GPA in the five(5) pre-requisite courses of 2.5 or higher. All prerequisite courses must be completed by the end of the Spring semester in which an application is submitted.

REQUIRED HOURS ................................. 72

Communications ................................. 6
ENGL 1113  Composition I* ...................... 3
ENGL 1213  Composition II ..................... 3

Social and Behavioral Sciences .................... 9
History ........................................... 3
Select from the following:
HIST 2483  American History to 1877 ... 3
HIST 2493  American History since 1877 ... 3
POLS 1113  American Federal Government ... 3

Social Science .................................... 3
PSY 1113  Introduction to Psychology .... 3

Science and Mathematics .......................... 4
Biological Science
BIOL 1144  General Cellular Biology*

Orientation ....................................... 1
ORIE 1151  The College Experience**

Guided Electives ................................. 3
Select from the following:
PHIL 1313  Values and Ethics
PHIL 2123  Logic
SOC 1113  Introduction to Sociology
SPCH 1113  Speech Communication

Program Requirements .......................... 34
NURS 1111  Nursing Concepts
NURS 1117  Foundations of Nursing Practice
NURS 1191  Dosage Calculation*
NURS 1228  Therapeutic Nursing Interventions I
NURS 2138  Therapeutic Nursing Interventions II
NURS 2223  Transition to Nursing Practice
NURS 2246  Nursing in a Complex Environment

Support and Related ............................ 15
BIOL 2124  Microbiology
BIOL 2215  Anatomy and Physiology*
NUTR 1113  Introduction to Nutrition
PHAR 2113  Fundamentals of Pharmacology

Total Credit Hours .............................. 72

*Pre-requisite Course
**ORIE 1151 will be waived for students transferring at least 24 collegiate semester hours. Credit hours transferred from a technology center will not count toward the total.
ASSOCIATE IN APPLIED SCIENCE
NURSING
OPTION: BRIDGE NREMT–PARAMEDIC/LPN TO RN (054B)

Rogers State University provides an option to facilitate the transition from NREMT-Paramedic/LPN to RN. The program is designed to provide a solid foundation, training, and experience that meets all the recognized national and state accreditation guidelines. Students are required to pass equivalency nursing examinations for advanced standing. Graduates are eligible to apply to the State Board of Nursing to take the National Council Licensure Examination to become a Registered Nurse. The Nursing Program is approved by the Oklahoma Board of Nursing and accredited by the Accreditation Commission for Education in Nursing. Admission is competitive.

Mission Statement
The Rogers State University Associate Nursing Program exists to provide selected students with educational opportunities, in the classroom and clinical settings, to prepare for the entry into the profession of nursing. Graduates of the Rogers State University Associate Degree Nursing Program are eligible to apply to the State Board of Nursing to take the National Council Licensure Examination to become a Registered Nurse. The associate graduate is prepared at an entry level of nursing practice and will require on-going education, both formal and informal to advance in the expertise of nursing practice...The nursing faculty supports the mission of Rogers State University. The faculty believes nursing education is best suited to institutions of higher learning and that evidence based practice and the use of critical thinking provide the foundation for appropriate clinical decision making. Concepts inherent in the practice of nursing are person, health, environment, nursing, nursing process, communication, learning, and nursing education at the associate and bachelor degree levels.

Program Prerequisites
1. Reading score of: ACT Reading 19, ACT Compass 83 or Nelson Denny 13.
2. All Academic deficiencies cleared including Computer Science. Proficiency in Computer Science may be achieved through Advanced Standing or successfully passing CS 1113 Microcomputer Applications with a ‘C’ or better.
3. Required GPA in the nine (9) pre-requisite courses of 2.5 or higher. All prerequisite courses must be completed by the end of the Spring semester in which an application is submitted.

REQUIRED HOURS ........................................ 65

Communications ................................. 6
ENGL 1113 Composition I*
ENGL 1213 Composition II

Social and Behavioral Sciences ............. 9
History ................................................. 3
Select from the following:
HIST 2483 American History to 1877
HIST 2493 American History since 1877

POLS 1113 American Federal Government ...... 3

Social Science ...................................... 3
PSY 1113 Introduction to Psychology

Science and Mathematics ....................... 4
BIOL 1144 General Cellular Biology*

Orientation ........................................ 1
ORIE 1151 The College Experience**

Guided Elective* ................................ 3
Select from the following:
PHIL 2123 Logic
PHIL 1313 Values and Ethics
SOC 1113 Introduction to Sociology
SPCH 1113 Speech Communication

Program Requirements ....................... 27
NURS 1111 Nursing Concepts
NURS 1191 Dosage Calculation*
NURS 1433 Bridge to Registered Nursing
NURS 2138 Therapeutic Nursing Interventions II
NURS 2223 Transition to Nursing Practice
NURS 2246 Nursing in a Complex Environment
NURS 2005 Basic Patient Care I or
NURS 2015 Basic Patient Care II

Support and Related ......................... 15
BIOL 2124 Microbiology*
BIOL 2215 Anatomy and Physiology*
NUTR 1113 Introduction to Nutrition*
PHAR 2113 Fundamentals of Pharmacology*

Total Credit Hours ........................... 65

*Pre-requisite Course

**ORIE 1151 will be waived for students transferring at least 24 collegiate semester hours. Credit hours transferred from a technology center will not count toward the total.