

DEPARTMENT OF HEALTH SCIENCES
SCHOOL OF MATHEMATICS, SCIENCE AND HEALTH SCIENCES

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|------------------------|-------------------|------------------|--------------------------|
| Ms. Kay Bolding | Ms. Nancy Diede | Dr. William Hart | Mr. Clem Ohman |
| Mr. Larry Brewer | Ms. Helen Farrar | Ms. Carla Lynch | Ms. LeAnn (Marsha) Sipes |
| Ms. George Ann Daniels | Ms. Pamela Fowler | Mr. Mike Miller | Ms. Beverly Wise |

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 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 bachelor's 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

BACHELOR OF SCIENCE NURSING (118)

The Bachelor of Science in Nursing, specifically designed for the Registered Nurse, provides an opportunity for any associate degree nursing graduate to achieve academic and personal goals and to develop stronger clinical reasoning and analytical skills to advance their careers. A BS in Nursing degree provides a seamless academic transition for the graduate of the RSU Associate Degree Nursing Program.

REQUIRED HOURS 125

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 3104 Plants and Civilization
 ECON 3003 International Economic Issues and Policies
 GEOG 2243 Human Geography
 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 hours from courses not selected above.

(42 credit hours)

***Required**

Program Core Requirements 60

Professional Speciality – 30 hours
 NURS 4003 Professional Nursing Role
 NURS 4013 Health Assessment/Promotion
 NURS 4015 Family Health Nursing
 NURS 4113 Rural Nursing
 NURS 4213 Nursing Science and Research
 NURS 4205 Leadership and Management in Nursing
 NURS 4223 Professional Nursing Practice Seminar
 NURS 4225 Advanced Therapeutic Interventions

Support Course Requirements 23

BIOL 2124 Microbiology
 BIOL 3204 Physiology
 HLSC 3323 Pathophysiology for the Health Professions
 MATH 2843 Statistics
 NUTR Nutrition Elective
 PHAR 2113 Fundamentals of Pharmacology
 PSY 3033 Developmental Psychology

Total Credit Hours 125

Students enrolled in developmental courses must complete ORIE 1151 - The College Experience course within the first 24 semester hours attempted.

ASSOCIATE IN APPLIED SCIENCE EMERGENCY MEDICAL SERVICES (094E)

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 exists to provide selected 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.

Program Prerequisites

1. Basic Emergency Medical Technician (EMS 1108 or licensure)
2. Computer Proficiency: Successful completion of institutional computer science proficiency exam or CS 1113 Microcomputer Applications.

REQUIRED HOURS 69

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

- Biological Science
- BIOL 1144 General Cellular Biology

Orientation 1

- ORIE 1151 The College Experience

Program Requirements 46

- EMS 1003 Anatomy and Physiology for Pre-hospital Providers
- EMS 1104 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 2112 Special Needs in Emergency Medical Services
- EMS 2125 Cardiac/Respiratory Emergencies
- EMS 2202 OB/GYN Emergencies
- EMS 2224 Pediatric Emergencies
- EMS 2244 EMS Leadership

Support and Related 3

- HLSC 1233 Medical Terminology

Total Credit Hours 69

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 National League for Nursing Accrediting Commission. The degree consists of a 72 credit-hour program and can be completed within five semesters by a full-time student.

The Nursing Program exists to provide selected students with educational opportunities in the classroom and in clinical settings in northeastern Oklahoma, and to prepare them to enter the profession of nursing upon graduation. The graduate is prepared at an entry-level of nursing practice and is eligible to take the National Council Licensure Examination to become a Registered Nurse. Admission is competitive.

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
 HIST 2493 American History since 1877

POLS 1113 American Federal Government 3

Social Science 3
 * PSY 1113 Introduction to Psychology

Humanities 3
 * PHIL 1213 Introduction to Logic

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

Orientation 1
 ORIE 1151 The College Experience

* Required

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

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 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 National League for Nursing Accrediting Commission. Admission is competitive.

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

Humanities 3

Philosophy

* PHIL 1213 Introduction to Logic

Science and Mathematics 4

* BIOL 1144 General Cellular Biology

Orientation 1

ORIE 1151 The College Experience

***Required**

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

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