

## Pre-Medicine

### GENERAL EDUCATION

Courses that are **required** are in bold type. *Courses that are recommended are in italics.*

**TOTAL HOURS** ..... **48 to 49 hours**

**Communication** ..... **8 hours**

**\*ENGL 1113 English Composition I**  
**\*ENGL 1213 English Composition II**  
**COMM 1312 Basic Speech**

**Math** ..... **3 hours**

**MATH 1143 Math Concepts**  
**MATH 1513 College Algebra OR**  
**higher numbered math course**

**Computer Applications/Technology** ..... **2 hours**

**\*COMSC 1022 Computer & Information Access**

**Economics** ..... **3 hours**

**ECONO 1113 Contemporary Economics**

**Health & Physical Education** ..... **3 hours**

**HPER 1133 Wellness Concepts & Exercise Applications**  
**TECH 1122 Technology & Society**

**Natural Sciences** ..... **8-9 hours**

**\*BIOL 1004 Biological Concepts**  
**CHEM 1004 General Chemistry**  
**SCI 1514 Concepts of Physical Science**  
**SCI 1614 Science & the Environment**  
**ASTRO 1904 Astronomy**  
**GEOL 1934 Physical Geology**

**Humanities & Fine Arts** ..... **6 hours**

**ART 1223 Art Survey**  
**LIT 2413 Intro to Literature**  
**MUSIC 1013 Intro to Music**  
**PHILO 1453 Intro to Philosophy**

**U.S. History & Government** ..... **6 hours**

**POLSC 1103 American Government & Politics**  
**HIST 1063 U.S. History**

**International & Cultural Studies** ..... **6-7 hours**

**HIST 1033 World History**  
**POLSC 1153 World Relations & Politics**  
**GEOG 1103 World Cultural Geography**  
**2 years High School Foreign Language OR 2 College Courses**

**Behavioral/Social Science** ..... **3 hours**

**PSYCH 1003 General Psychology**  
**SOCIO 1003 Intro to Sociology**

Program requires Admission (completion of 90 hours min.) and is completed at the University of Oklahoma College of Medicine.

### **\* (Denotes Admission Requirements at OU)**

Anthropology, Humanities, Philosophy, Foreign Language, Psychology or Sociology (any combination)

**\* 3 semesters;**; Physics **2 semesters;**

English **\*(3 semesters)**

Gen Chem **2 semesters;** Org Chem **2 Semesters**

General Zoology/Biology with lab - **1 semester**

Cellular Biology, Comparative Anatomy, Embryology,

Genetics or Histology (any one)**\* 1 semester**

### Health Science Major Requirements

#### **Required: Health & Life Sciences 30 Hours**

ALHLT 3193 Health Care Delivery	3
BIOL 3704 Human Anatomy w/lab	4
BIOL 3904 Human Physiology	4
ALHLT 4355 Microbiology	5
ALHLT 4093 Epidemiology	3
ALHLT 3933 Mngmt Hlth Care Inst	3
ALHLT 3963 Health Care Administration	3
ALHLT 4043 Medicolegal Concepts	3
ALHLT 3972 Allied Health Internship	2

#### **Electives 10-12 Hours**

ALHLT 1401 Allied Health Careers	1
ALHLT 2442 Medical Terminology	2
ALHLT 3043 Health Statistics	3
ALHLT 4872 Hominology	2
ALHLT 4213 Immunology	3
ALHLT 4404 Pathogenic Micro	4
ALHLT 4523 Environmental Micro	3
ALHLT 4063 Pathophysiology I	3
ALHLT 4073 Pathophysiology II	3
ALHLT 4453 Virology	3
BIOL 3254 Genetics & Lab	4
BIOL 4933 Cell Physiology	3
BIOL 4284 Animal Parasitology	4

#### **Chemistry Minor: 20 hours**

<b>*CHEM 1203 Gen Chemistry I</b>	<b>3</b>
<b>*CHEM 1252 Gen Chemistry I Lab</b>	<b>2</b>
<b>*CHEM 1303 Gen Chemistry II</b>	<b>3</b>
<b>*CHEM 1352 Gen Chemistry II Lab</b>	<b>2</b>
<b>*CHEM 3013 Org Chemistry I &amp; Lab</b>	<b>4</b>
<b>*CHEM 4113 Org Chemistry II &amp; Lab</b>	<b>4</b>
<b>*PHY 1044 Basic Physics I &amp; Lab</b>	<b>4</b>
<b>*PHY 1054 Basic Physics II &amp; Lab</b>	<b>4</b>

**Bold indicates recommended/required courses in Major and Minor.**

MINIMUM CREDIT HOURS

FOR GRADUATION

124 HOURS

**Pre-Medicine Prerequisites OUHSC - 90 Hours Min. Requirement**

General Zoology/Biology w/lab	1 semester
General Chemistry	2 semesters
Organic Chemistry	2 semesters
English	3 semesters
Physics	2 semesters
Anthropology, Humanities, Philosophy, Foreign Language, Psychology or Sociology (any combination)	3 semesters
Cellular Biology, Comparative Anatomy, Embryology, Genetics or Histology (any one)	1 semester

Basic Computer skills are required.

Additional courses in the social sciences, humanities, mathematics, fine arts, computer science and English are encouraged.