

Associate of Science in Pre-Medicine, Pre-Pharmacy & Pre-Veterinary Medicine

62-65 Total Hours and 2.00 GPA

Division of Health Sciences

GENERAL EDUCATION REQUIREMENTS (40 HOURS)

English Composition - 6 hours

- ___ ENGL 1113 - Freshman Composition I
- ___ ENGL 1213 - Freshman Composition II

Social & Behavioral Science - 6 hours

- ___ HIST 2483 - American History 1492 to 1865, *or*
- ___ HIST 2493 - American History 1865 to Present
- ___ POS 1113 - American Federal Government

Biological Science - 4 hours

- ___ ZOO 1114 - General Zoology (*Req'd for all majors*)
- ___ BOT 1114 - General Botany (*Req'd for pre-vet majors*)

Physical Science - 4 hours

- ___ CHEM 1115 - General Chemistry I (*Req'd for major*)
- ___ PHYS 1114 - General Physics I (*Req'd for major*)
- ___ PHYS 2014 - Engineering Physics I

Orientation - 1 hour

- ___ ORI 1111 - Freshman Orientation

Mathematics - 3 hours

- ___ MATH 1513 - College Algebra

HPER - 2 hours

- ___ any HPER course, except activity courses

Humanities - 6 hours

- ___ HUM 2113 - General Humanities I
- ___ HUM 2223 - General Humanities II
- ___ MUS 1113 - Music Appreciation
- ___ ART 1113 - Art Appreciation
- ___ PHIL 1113 - Introduction to Philosophy
- ___ ENGL 2413 - Introduction to Literature
- ___ ENGL 2433 - Masterpieces of World Lit II
- ___ ENGL 2443 - Masterpieces of World Lit II
- ___ DRMA 1213 - Introduction to Theatre
- ___ HIST 1113 - Early Western Civilization

Approved Electives - 8 hours

Choose any general education courses in conference with advisor

- ___ CS 1103 - Microcomputer Applications
- ___ Approved Elective

COURSES IN MAJOR (22-25 HOURS)

Required Courses in Major – 14-15 hours

- ___ CHEM 1115 - General Chemistry I
- ___ CHEM 1215 - General Chemistry II
- ___ PHYS 1114 - General Physics I, or
- ___ PHYS 2014 - Engineering Physics I
- ___ PHYS 1214 - General Physics II, *or* *
- ___ PHYS 2114 - Engineering Physics II *
- ___ ZOO 1114 - General Zoology
- ___ BIO 2011 - Biology Capstone

Elective Courses in Major - 8-10 hours

Choose in conference with advisor

Pre-Medicine electives

- ___ BIO 2155 - Microbiology
- ___ CHEM 2225 - Organic Chemistry I
- ___ ZOO 2114 - Human Physiology
- ___ ZOO 2124 - Human Anatomy
- ___ Approved Elective

Pre-Pharmacy electives

- ___ BIO 2155 - Microbiology
- ___ CHEM 2225 - Organic Chemistry I
- ___ MATH 1613 - Plane Trigonometry
- ___ MATH 2265 - Analytic Geometry and Calculus I
- ___ Approved Elective

Pre-Veterinary Medicine electives

- ___ BIO 2155 - Microbiology
- ___ BOT 1114 - General Botany
- ___ CHEM 2225 - Organic Chemistry I
- ___ Approved Elective

* Note: Southwestern Oklahoma State University does not require Physics II in the Pre-Pharmacy program