

GENERAL EDUCATION REQUIREMENTS.....37 HOURS

English Composition - 6 hours

- 1. ENGL 1113 Freshman Composition I
- 2. ENGL 1213 Freshman Composition II

U.S. History - 3 hours

- 1. HIST 1483 Am His 1492-1865 or HIST 1493 Am His 1865-Pr

U.S. Government - 3 hours

- 1. POS 1113 American Federal Government

Biological Science - 4 hours

- 1. ZOO 1114 General Zoology

Physical Science - 5 hours ¹

- 1. CHEM 1115 General Chemistry I

Orientation - 1 hour

- 1. ORI 1111 Freshman Orientation

Mathematics - 3 hours

- 1. MATH 1513 College Algebra (Pre-Calculus)

Humanities - 6 hours (

- 1. One (HUM 2113, 2223; ART 1113; DRMA 1213; HIST 1113, 1123; MUS 1113; PHIL 1113, 2123; RLED 1113, 1123, 2113; ENGL Literature)
- 2. One (HUM 2113, 2223; ART 1113; DRMA 1213; HIST 1113, 1123; MUS 1113; PHIL 1113, 2123; RLED 1113, 1123, 2113; ENGL Literature)

Computer Proficiency – 3 hours

- 1. CS 1103 Microcomputer Applications

Approved Electives - 3 hours (Select One)

- 1. PSY1113 or (PSY, HIST, POS, SOC, ECON, GEOG, SPAN, CHER, CHOC, ART, MUS, DRMA, HUM, PHIL, RLED, SPCH, ENGL literature)

MAJOR REQUIREMENTS.....24-25 HOURS

MAJOR CORE COURSES

Required Courses in Major - 12 Hours

- 1. CHEM 1215 General Chemistry II⁵
- 2. MATH 1613 Plane Trigonometry³
- 3. PHYS 1114 General Physics I

ELECTIVE COURSES (Choose Option, Select 3 courses)

Biological/ Zoology Option - 12 hours

- 1. BIO 2155 Microbiology⁵
- 2. PHYS 1214 General Physics II³
- 3. ZOO 2114 Human Physiology⁴
- 4. BOT 1114 General Botany

Pre-Medicine Option - 12 hours

- 1. PHYS 1214 Gen Physics II³
- 2. ZOO 2114 Human Physiology⁴
- 3. ZOO 2124 Human Anatomy

Pre-Pharmacy Option - 13 hours

- 1. MATH 2265 Analytic Geometry and Calculus I
- 2. BIO 2155 Microbiology⁵
- 3. ZOO 2114 Human Physiology⁴
- 4. ZOO 2124 Human Anatomy

Pre-Veterinary Medicine Option - 12 hours

- 1. BIO 2155 Microbiology⁵
- 2. PHYS 1214 Gen Physics II³
- 3. BIO 1114 General Biology

Notation:

¹ General Zoology satisfies the General Education biological science course requirement for all Associate of Science majors.

² CHEM 1115 has a co-requisite of MATH 1513, or, MATH 1513 may be taken prior to taking CHEM 1115.

³ MATH 1513 prerequisite to MATH 1613; MATH 1613 prerequisite to PHYS 1114

⁴ CHEM 1115 Prerequisite of; completion of ZOO 2124 strongly recommended prior to enrollment

Semester-by-Semester Degree Plan

Biological and Pre-Professional Science, AS (031, BPPS.AS)

Students are required to complete the following General Education and Major Requirement courses. Students who complete this associate's degree are prepared to transfer and continue their education at a four-year college/university. Students should consult with their academic advisor and refer to the 4-semester by semester program planning guide to understand course sequencing.

Course Number – Course Description	Hours
Freshman Year 1 st Semester – Fall	
<input type="checkbox"/> ORI 1111 Freshman Orientation	1
<input type="checkbox"/> ENGL 1113 Freshman Composition I	3
<input type="checkbox"/> HIST 1483 or 1493 American History	3
<input type="checkbox"/> ZOO 1114 General Zoology	4
<input type="checkbox"/> MATH 1513 College Algebra (Pre-Calculus)	3
<input type="checkbox"/> Humanities – (ART, ENGL, HUM, MUS, PHIL, OR RLED)	3
Total:	17
Freshman Year 2 nd Semester – Spring	
<input type="checkbox"/> ENGL 1213 Freshman Composition II	3
<input type="checkbox"/> POS 1113 American Federal Government	3
<input type="checkbox"/> CHEM 1115 General Chemistry I	5
<input type="checkbox"/> MATH 1613 Plane Trigonometry	3
<input type="checkbox"/> CS 1103 Microcomputer Applications	3
Total:	17
Sophomore Year 1 st Semester – Fall	
<input type="checkbox"/> CHEM 1215 General Chemistry II	5
<input type="checkbox"/> PHYS 1114 General Physics I	4
<input type="checkbox"/> Humanities – (ART, ENGL, HUM, MUS, PHIL, OR RLED)	3
<input type="checkbox"/> Elective in General Education(PSY, SOC, GEOG, LANGUAGE, ART, MUS, OR DRAMA)	3
Total:	15
Sophomore Year 2 nd Semester – Spring	
<input type="checkbox"/> Elective in Major OPTION*	3
<input type="checkbox"/> Elective in Major OPTION*	3
<input type="checkbox"/> Elective in Major OPTION*	3
<input type="checkbox"/> Elective in Major OPTION*	3
Total:	12

Graduation Requirements: 61-62 cr-hrs, 2.00 GPA

Total Hours: 61

*See Degree Plan and choose from respective OPTION electives per student interest and in consultation with advisor.

How to Use this “Semester by Semester Degree Plan”: Courses are listed in the order they should be taken and in what term the course should be taken. Enrollment into developmental courses will add to the total credit hour count, and may alter English, math and science enrollment rotations. Students should use this as a guide in pre-enrollment, study the Course Schedule and then visit with an academic advisor.

Estimated Program Cost: Students can complete this degree in four semesters (15-17 per semester).

The estimated cost of this program is approximated at: *61 credit-hours x \$141.00per credit hour = \$ 8,601.00*

Final costs will vary from this estimate.