

Biological and Pre-Professional Sciences

Associate of Science

Division of Math and Science

Program Code (031)

Required: 61-62 Credit Hours

2.00 GPA

Students are required to complete the following General Education and Major Requirement courses. Students who complete an associate's degree are prepared to transfer and continue their education at a four-year college/university. Students should check with their academic advisor for consultation on course sequencing and transfer college opportunities.

GENERAL EDUCATION REQUIREMENTS (37 HOURS)	MAJOR REQUIREMENTS (24-25 HOURS)
<p>Orientation - 1 hour <input type="checkbox"/> ORI 1111 Freshman Orientation</p> <p>English Composition - 6 hours (Select Both) <input type="checkbox"/> ENGL 1113 Freshman Composition I <input type="checkbox"/> ENGL 1213 Freshman Composition II</p> <p>U.S. History - 3 hours (Select One) <input type="checkbox"/> HIST 1483 Am His 1492-1865 or HIST 1493 Am His 1865-Pr</p> <p>U.S. Government - 3 hours <input type="checkbox"/> POS 1113 American Federal Government</p> <p>Biological Science - 4 hours <input type="checkbox"/> ZOO 1114 General Zoology ¹</p> <p>Physical Science - 5 hours <input type="checkbox"/> CHEM 1115 General Chemistry I ²</p> <p>Mathematics - 3 hours <input type="checkbox"/> MATH 1513 College Algebra ³</p> <p>Computer Proficiency - 3 hours <input type="checkbox"/> CS 1103 Microcomputer Applications</p> <p>Humanities - 6 hours (Select Two) <input type="checkbox"/> HUM 2113 Gen Hum. I <input type="checkbox"/> HUM 2223 Gen Hum II <input type="checkbox"/> ART 1113 Art Appreciation <input type="checkbox"/> DRMA 1213 Intro Theatre <input type="checkbox"/> HIST 1113 Early West Civ <input type="checkbox"/> MUS 1113 Music Appreciation <input type="checkbox"/> HIST 1123 Modern West Civ <input type="checkbox"/> PHIL 1113 Intro to Philosophy <input type="checkbox"/> PHIL 2123 Ethics <input type="checkbox"/> RLED 1123 New Testament <input type="checkbox"/> RLED 2113 World Religions</p> <p>Approved Elective - 3 hours <i>Select any one course in psychology, social sciences, foreign languages, & fine arts (art, music, drama) in conference with advisor</i> <input type="checkbox"/> Elective</p>	<p>Required Courses in Major - 12 Hours (Select courses in consultation with advisor) <input type="checkbox"/> CHEM 1215 General Chemistry II <input type="checkbox"/> MATH 1613 Plane Trigonometry <input type="checkbox"/> PHYS 1114 General Physics I</p> <p>Biological/ Zoology electives 12 hours (Select three) <input type="checkbox"/> BIO 2155 Microbiology ⁵ <input type="checkbox"/> PHYS 2014 General Physics I <input type="checkbox"/> ZOO 2114 Human Physiology ⁴ <input type="checkbox"/> BOT 1114 General Botany <input type="checkbox"/> Approved Elective</p> <p>Pre-Medicine electives 12 hours (Select three) <input type="checkbox"/> PHYS 1214 Gen Physics II <input type="checkbox"/> ZOO 2114 Human Physiology ⁴ <input type="checkbox"/> ZOO 2124 Human Anatomy <input type="checkbox"/> Approved Elective</p> <p>Pre-Pharmacy electives 13 hours (Select three) <input type="checkbox"/> MATH 2265 Analytic Geometry and Calculus I <input type="checkbox"/> BIO 2155 Microbiology ⁵ <input type="checkbox"/> ZOO 2114 Human Physiology ⁴ <input type="checkbox"/> ZOO 2124 Human Anatomy <input type="checkbox"/> Approved Elective</p> <p>Pre-Veterinary Medicine electives 12 hours (Select all) <input type="checkbox"/> BIO 2155 Microbiology ⁵ <input type="checkbox"/> PHYS 1214 Gen Physics II <input type="checkbox"/> Approved Elective (in conference with advisor)</p>
Totals: -----Credit Hours: 37	Totals: -----Credit Hours: 24-25

¹General Zoology is a prerequisite for all BIO and ZOO major courses

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

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

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

⁵Prerequisite of CHEM 1115

Notes to Advisee: (**Fall only** courses: PHYS 1114 General Physics I) and (**Spring only** courses: PHYS 1214 General Physics II)