

# The Associate in Science Degree

The Associate in Science degree program prepares students to transfer to a four-year college or university to major in either biology or chemistry. Because requirements vary at each four-year college or university, students should check with the school they plan to transfer to or an advisor or counselor to make sure they're taking the right courses.

## Degree Requirements

In order to receive the Associate in Science degree, the student must complete the requirements, the general education requirements listed below, and the specialized education requirements for either Biology, Chemistry, or Pre-Professional Studies.

## A.S. Biology

100301 Revised 12/2014 (Spring 2015)

General Education Requirements	Credits	Semester Taken	Prerequisites
COLL 100 First Year Seminar	1		
ENGL 101 Composition and Reading I	3		ENGL 90 with a minimum grade of S or appropriate placement score
ENGL 102 Composition and Reading II	3		ENGL 101
<i>Two of the following:</i> HIST 120 United States History to 1865 HIST 121 United States History Since 1865 POLS 136 Introduction to U.S. National Politics POLS 137 Introduction to State and Local Politics	6		
COMM 100 Fundamentals of Speech	3		ENGL 90 or appropriate placement test score
Humanities Elective	3		
<b>Specific Program Requirements</b>			
BIOL 104 General Botany and BIOL 106 General Zoology or BIOL 123 General Biology for Majors I and BIOL 124 General Biology for Majors II	8-10		BIOL 123 (BIOL 124)
BIOL Elective: At least 3 hours must be 200 or above.	3-5		See Courses section of this catalog for individual course prerequisites.
CHEM 111 General College Chemistry I	5		CHEM 107 or highschool chemistry and MATH 120
CHEM 112 General College Chemistry II	5		CHEM 111
CHEM 221 Organic Chemistry I <b>and</b> CHEM 222 Organic Chemistry II <b>or</b> PHYS 130 General Physics I <b>and</b> PHYS 131 General Physics II	10		CHEM 112 (CHEM 221) CHEM 221 (CHEM 222) MATH 130 (PHYS 130) PHYS 130 (PHYS 131)
MATH 115 Statistics <b>and</b> MATH 120 College Algebra <b>or</b> MATH 180 Analytic Geometry and Calculus I	5-6		MATH 85/95 with a grade of C or higher or appropriate placement (MATH 115) MATH 95 with a grade of C or higher or appropriate placement (MATH 120) MATH 130 or 150 (MATH 180)
Electives as needed to reach 60	3-6		See Courses section of this catalog for individual course prerequisites.
<b>Total Credit Hours Required</b>	<b>60-65</b>		