

# DIVISION OF MATHEMATICS & SCIENCE

**Major: Biological Science**

**Option: Pre-Medical Professional**

ASSOCIATES of SCIENCE

*Requirements for Academic Year 2022-2023*

GENERAL EDUCATION REQUIREMENTS 30 HOURS (Minimum) (Check Catalog listings for prerequisites)*		
Area	Hours	To be selected from:
English Composition	6	ENGL 1113 Comp I ENGL 1213 Comp II*
Communication	3	SPCH 1113 Intro to Oral Communication
American History	3	HIST 1483 US History to 1865 <i>or</i> HIST 1493 US History since 1865
US Government	3	POLS 1113 Amer. Federal Government
Mathematics	3	MATH 1513 PreCalculus Algebra
Humanities	6	Any course designated (H) (See course descriptions for designations.)
Computer Literacy	3	COMS 1133 Fund. of Computer Usage <i>or</i> AGRI 2113 Microcomputers in Agriculture
Electives	3 - 4	One course from the following: Psychology, Sociology, Foreign Language or Fine Arts
		*Course has prerequisite. See Course Description section of catalog.
PROGRAM REQUIREMENTS 31 HOURS (Check Catalog listings for prerequisites)*		
College Orientation	1-3	EDUC 1111 <i>or</i> EDUC 1113
CORE COURSES: (13 Hours)		
Evolution & Diversity	3	BIOL 1123
Investigative Laboratory	1	BIOL 1131
General Biology	4	BIOL 1114
General Chemistry I	5	CHEM 1315*
Guided Electives (12-16 Hours)		
General Microbiology	4	BIOL 2124*
Human Anatomy	4	BIOL 2104*
Human Physiology	4	BIOL 2114*
Chemistry II	5	CHEM 1515*
Plane Trigonometry	3	MATH 1613*
PHYSICS (4-8 HOURS)		
General Physics I	4	PHYS 1114*
General Physics II	4	PHYS 1214*
Program Electives 0-5 HOURS		
Elementary Statistics	3	STAT 2013
Calculus I	4	MATH 2214*
Calculus II	4	MATH 2234*
Principles of Sociology	3	SOCI 1113
General Zoology	4	BIOL 1604
Physical Education activity courses do not count toward graduation. Maximum 6 hours allowed for Special Topics (ST) courses towards a degree.		
<b>Total Hours: 61</b>		