

Focus Areas:

**Biology, Chemistry,
Earth Science,
Physics, Pre-Medicine,
Pre-Dentistry,
Pre-Pharmacy,
Pre-Physical Therapy,
Pre-Physician Assistant**

SCIENCE

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Potential Careers:

- Environmental Scientist
- Wildlife/Field Biologist
- Doctor, Dentist, Chiropractor
- Research Scientist
- Conservation Officer
- Science Teacher

Program/General Education Learning Outcomes:

1. Apply the scientific process to evaluate current issues and circumstances.
2. Demonstrate scientific literacy and knowledge about the study.
3. Critically analyze events through a scientific lens.
4. Demonstrate quantitative reasoning and problem-solving.

DEGREES & CERTIFICATES

Associate of Science A.S. - 62 hours

SCIENCE

Associate of Science
62 Hours

Required General Education Courses 34-35 cr

<i>English Discipline Area (010)</i>	6
CM101 English Composition I (3 cr)	
CM102 English Composition II (3 cr)	
<i>Communication Discipline Area (020)</i>	3
CM115 Public Speaking (3 cr) or	
CM240 Interpersonal Communication (3 cr)	
<i>Mathematics and Statistics Discipline Area (030)</i>	3
MA111 College Algebra (3 cr)	
<i>Natural and Physical Science Discipline Area (040)</i>	4-5
<i>Social and Behavioral Discipline Area (050)</i>	6
<i>(2 areas required)</i>	
Anthropology	Economics
Geography	Psychology
Political Science	Sociology
<i>Arts and Humanities Discipline Area (060)</i>	6
<i>(2 areas required)</i>	
Art	Literature
Foreign Language	Music
History	Philosophy
Humanities	Theatre
<i>Institutionally Designated Area Elective (070)</i>	6

Required Science Courses 10 cr

SC110 Principles of Biology	5
SC131 Chemistry I	5

Elective Courses 13-14 cr

Biological Science		
NR128 Pathophysiology		4
SC103 Physical Science		5
SC111 Microbiology Lecture		3
SC112 Microbiology Lab		2
SC120 Human Anatomy and Physiology I		4
SC121 Human Anatomy and Physiology II		4
SC125 Human Body Dissection		1
SC126 Anatomy and Physiology		5
SC151 Principles of Biology II		5
Math		
MA112 Trigonometry		3
MA114 Elementary Statistics		3
MA120 Analytical Geometry and Calculus I		5
MA121 Analytical Geometry and Calculus II		5
MA122 Analytical Geometry and Calculus III		5
MA123 Differential Equations		4

Physical Sciences

SC103 Physical Science	3
SC104 Geology	4
SC105 Astronomy	4
SC107 Meteorology	4
SC132 Chemistry II	5
SC137 Natural Hazards and Disasters	3
SC138 Natural Hazards and Disasters Lab	1
SC140 College Physics I	5
SC141 College Physics II	5
SC142 University Physics I	5
SC143 University Physics II	5

Open Electives 5 cr

