

### 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 cr

#### Communication Requirement 9

- CM101 English Composition I (3 cr)
- CM102 English Composition II (3 cr)
- CM115 Public Speaking (3 cr)

#### Humanities Requirement (2 areas required) 6

- Art Humanities
- Music Literature
- Theatre Philosophy
- Foreign Language History

#### Mathematics Requirement 3

- Mathematics General Education Course

#### Natural Science Requirement (2 areas required) 10

- SC110 Principles of Biology I (5 cr)
- SC131 Chemistry I (5 cr)

#### Social/Behavioral Science Requirement (2 areas required) 6

- Economics Anthropology
- Psychology Political Science
- Sociology Geography

### Elective Courses 18 cr

#### Biological Science

- 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
- SC128 Pathophysiology 4
- 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 10 cr

