

# Health Science, Math or Science

## Associate of Science (AS) Degree Program

### Math & Science Division

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A major in Math and Science seeks to educate students pursuing a career in the math, science, or health fields. The curriculum includes all sciences and most math courses. However, it can be modified to fit the students' educational needs. In effect, the student can "build their own program" based on their selection of classes. The program is designed to provide a fundamental education in the field of math and/or science with a curriculum program designed to meet the following objectives: to prepare math/science students for transfer to a four-year math or science program; to provide support classes in math and science for other degree programs at the Blackfeet Community College; and to prepare students to apply basic mathematical and computer tools to solve and understand math and science problems. In order to achieve an Associates of Science in Math and Science or Health Science a student must meet all General Education Core 1-6 requirements and cores 7 & 8.

#### The Learning Outcomes are as follows:

- Illustrate communication in science/math information
- Demonstrate preparedness in STEM fields that lead to potential careers
- Describe general knowledge of Piikani Culture/History
- Incorporate general knowledge in math, sciences, and related fields into everyday life

Students majoring in Health Science, Math or Science are required to take the AS General Core as well as the following major core courses:

Core # 7 – Math & Science		21 Credits Required
Course #	Course Title	Credits
AHMS 144	Medical Terminology	3
ANTH 266	Survey of the Forensic Sciences	3
ANTY 250	Introduction to Archaeology	3
BIOB 101	Discover Biology	3
BIOB 102	Discover Biology Lab	1
BIOB 160	Principles of Living Systems	3
BIOB 161	Principles of Living systems Lab	1
BIOB 170	Principles of Biological Diversity	3
BIOB 171	Principles of Biological Diversity Lab	1
BIOB 291	Special Topics	Variable
BIOO 105	Introduction to Botany	3
BIOO 106	Introduction to Botany Lab	1
BIOH 104	Basic Human Biology	3
BIOH 105	Basic Human Biology Lab	1
BIOH 201	Human Anatomy and Physiology I	3
BIOH 202	Human Anatomy and Physiology I Lab	1
BIOH 211	Human Anatomy and Physiology II	3
BIOH 212	Human Anatomy and Physiology II Lab	1
BIOM 250	Microbiology for Health Science	3
BIOM 251	Microbiology for Health Science Lab	1
CHMY 121	Introduction to General Chemistry	3
CHMY 122	Introduction to General Chemistry Lab	1
CHMY 123	Introduction to Organic and Biological Chemistry	3
CHMY 124	Introduction to Organic and Biological Chemistry Lab	1
CHMY 293	Independent Study	Variable
EGEN 105	Introduction to Engineering	3
ENSC 105	Environmental Science	3
ENSC 243	Introduction to Soils	3
ENSC 255	Climate Diversity	3
FORS 225	Introduction to Forestry	3
FORS 250	Introduction to GPS/GIS	4
GEO 101	Introduction Physical Geology	3
GEO 102	Introduction Physical Geology Lab	1
GPHY 141	Geography of World Regions	3
M 115	Probability & Linear Math	3
M 121	College Algebra	3
M 151	Pre-Calculus	4
M 171	Calculus I	4
M 172	Calculus II	4
NAT 105	Introduction to Natural Resources	3
NUTR 221	Basic Human Nutrition	3
PHSX 215	Fundamentals of Physics w/Calculus I	3
PHSX 216	Fundamentals of Physics Lab w/Calculus I	1
PHSX 217	Fundamentals of Physics w/Calculus II	3
PHSX 218	Fundamentals of Physics Lab w/Calculus II	1
SCI 125	Introduction to Cultural Resource Management	3
SCI 150	Scientific Wonders of Glacier National Park	3
SCI 191	Introduction to Scientific Research and Writing	3
SCI 290	Special Topics in Science	Variable
STAT 216	Introduction to Statistics	4
WILD 134	Wildlife and People	3
Electives: Core 8 Required		9 Credits
Total Elective Credits		(9)
Total Credits to Earn a Health Science or General Math & Science Degree		30