

# Associate of Science

The Associate of Science degree is offered both online and on campus.

The Associate of Science (AS) Degree includes education in specific knowledge areas, most typically in math and natural sciences. Focusing on integration of information while increasing a student's employability, the AS is designed for transferability to a baccalaureate program.

Upon completion of the 31 credits required in the core, students are eligible to receive a Certificate in General Studies from Great Falls College MSU. The Certificate recognizes the completion of the core and is approved by the Montana University System Board of Regents. Students may use the Certificate to demonstrate completion of the core when transferring within the MUS or as a milestone to earning an Associate of Arts or Associate of Science degree at Great Falls College MSU.

To receive the AS degree, the following requirements must be completed:

Course	Title	Credits	Grade/Sem
Montana University System Core Requirements		31	_____
Computer Skills/Usage requirement		3	_____
Math and Science coursework		9	_____
Electives		17	_____
Final cumulative grade point average of at least 2.0			
Total Credits		60	_____

Courses taken to fulfill one specific requirement, including courses in the Elective block, may not be used to fulfill another specific requirement; thus, a course taken to fulfill the Natural Science requirement in the Montana University System Core may not be used as an Elective.

## Outcomes

### Graduates are prepared to:

- Demonstrate the outcomes achievable by completing the Montana University System Core.
- Select and use the appropriate technologies for personal, academic, or career tasks.
- Think critically in evaluating information, solving problems and decision-making.
- Consider the application of the natural and physical sciences and mathematics in the context of today's world.

## Estimated Cost

### Estimated Resident Program Cost \*

Tuition and Fees	\$6,835
Application Fee	\$30
Lab Fees	\$105
Books/Supplies	\$2,072
Total	\$9,042

\* **Fall 2018 MUS Student Health Insurance Premiums will be changing. Please check the Health Insurance website (<http://students.gfcmsu.edu/insurance.html>) and/or Student Central for confirmed premium rates. Students will be charged an additional fee of \$21 per credit for online/hybrid courses.**

## Program Requirements

Many students need preliminary math, science, and writing courses before enrolling in the program requirements. These courses may increase the total number of program credits. Students should review their math and writing placement before planning out their full program schedules.

Students should consult with the intended receiving institution to determine whether or not additional core courses may be required to satisfy that institution's General Education Core.

Offered Online and On Campus

## I. GFC MSU Additional Graduation Requirement

Course	Title	Credits	Grade/Sem
COLS 103	Becoming a Successful Student +	1	_____

## II. Montana University System Core Courses- 31 Semester Hours

### Communication - 6 Credits (3 written, 3 verbal)

Course	Title	Credits	Grade/Sem
<b>Written</b>			
WRIT 101	College Writing I **+	3	_____
<b>Verbal</b>			
COMX 111	Intro to Public Speaking +	3	_____
COMX 115	Intro to Interpersonal Communc +	3	_____

### Mathematics - 3 Credits

Course	Title	Credits	Grade/Sem
M 121	College Algebra **+	3	_____
M 140	College Math for Healthcare **, +	3	_____
M 151	Precalculus **,+	4	_____
M 161	Survey of Calculus **,+	4	_____
M 171	Calculus I **,+	4	_____
M 273	Multivariable Calculus **,+	4	_____
STAT 216	Introduction to Statistics **,+	4	_____

**Humanities/Fine Arts - 6 Credits**

Course	Title	Credits	Grade/Sem
<b>Humanities</b>			
CRWR 240	Intro Creative Writing Wrkshp +	3	_____
LIT 110	Intro to Lit +	3	_____
LIT 270	Film and Literature *.+	3	_____
LIT 291	Special Topics-Literature +	3	_____
LSH 201	Introduction to the Humanities +	3	_____
PHL 101	Introduction to Philosophy +	3	_____
PHL 110	Introduction to Ethics +	3	_____
WGSS 242	Gender and Equality +	3	_____
<b>Fine Arts</b>			
ARTH 160	Global Visual Culture +	3	_____
ARTZ 105	Visual Language-Drawing +	3	_____
ARTZ 101	Art Fundamentals +	3	_____
MUSI 101	Enjoyment of Music +	3	_____
MUSI 103	Fundamntls of Musical Creation +	3	_____
MUSI 203	American Popular Music +	3	_____
MUSI 207	World Music (equiv to 307) +	3	_____

**Natural Science - 7 Credits (Must include 1 lab course)**

Course	Title	Credits	Grade/Sem
BIOB 101	Discover Biology/Lab **.+	4	_____
BIOB 160	Princpls of Living Systems/Lab **.+	4	_____
BIOB 170	Prin Biological Diversity/Lab **.+	4	_____
BIOH 104	Basic Human Biology & Lab **.+	4	_____
BIOH 108	Basic Anatomy **.+	4	_____
CHMY 101	Discover Chemistry +	3	_____
CHMY 121	Intro to General Chem w/Lab **.+	4	_____
CHMY 141	College Chemistry I w/Lab **.+	4	_____
CHMY 143	College Chemistry II w/Lab *.+	4	_____
GEO 101	Intro to Physical Geologyw/Lab +	4	_____
NUTR 221	Basic Human Nutrition +	3	_____
PHSX 105	Fund of Physical Science w/Lab +	4	_____
PHSX 205	College Physics I w/Lab **.+	4	_____
PHSX 220	Physics I w/Lab **.+	4	_____

**Social Sciences/History - 6 Credits**

Course	Title	Credits	Grade/Sem
<b>Social Sciences</b>			
BGEN 105	Introduction to Business +	3	_____
CJUS 121	Intro to Criminal Justice +	3	_____
ECNS 201	Principles of Microeconomics +	3	_____
ECNS 202	Principles of Macroeconomics +	3	_____
PSCI 210	Intro to American Government +	3	_____
PSYX 100	Introduction to Psychology +	3	_____
PSYX 230	Developmental Psychology +	3	_____
SOCI 101	Introduction to Sociology +	3	_____
<b>History</b>			
HSTA 101	American History I (N) +	3	_____
HSTA 102	American History II (N) +	3	_____
HSTA 255	Montana History (N) +	3	_____
HSTR 101	Western Civilization I +	3	_____
HSTR 102	Western Civilization II +	3	_____

**Cultural Diversity - 3 Credits**

Course	Title	Credits	Grade/Sem
ANTY 101	Anthro & the Human Experience +	3	_____
LSH 244	American Cultural Values +	3	_____
NASX 204	Intro to NA Beliefs & Philsphy (N) +	3	_____
NASX 232	MT Ind Citrs/Hstry/Iss (=332) (N) +	3	_____
NASX 240	Native American Lit (=to 340) (N) +	3	_____
SIGN 101	Intro to American Sign Lang +	3	_____
SPNS 101	Elementary Spanish I +	4	_____
SPNS 102	Elementary Spanish II *.+	4	_____

**Cultural Heritage of American Indians - 3 Credits**

Course	Title	Credits	Grade/Sem
Courses with an "N" behind the course title will fulfill the cultural Heritage of American Indians requirement as well as a designated core area requirement. +			

**III. Computer Skills/Usage - 3 Credits**

Course	Title	Credits	Grade/Sem
CAPP 131	Basic MS Office +	3	_____
OR a satisfactory Computer Skills test score.			

## IV. Concentration in Math and Science - 9 Credits

Course	Title	Credits	Grade/Sem
--------	-------	---------	-----------

Students may choose coursework numbered 100 or above from any of the following discipline areas to complete the required 9 credits of electives: +

(BIOB) (BIOH) (BIOM) Biology

(CAPP) Computer Applications

(CHMY) Chemistry

(CSCI) Computer Science/Programming

(GEO) Geology

(ITS) Information Technology Systems

(M) Math \*\*,\*\*\*

(PHSX) Physics

(PHYS) Physical Science

(STAT) Statistics

## V. Electives - 17 Credits

Course	Title	Credits	Grade/Sem
--------	-------	---------	-----------

Students may choose coursework numbered 100 or above from any discipline area to complete the required 17 credits of electives. \*\*\*

No more than 5 credits of courses numbered 194 may be applied toward the degree.

- + A grade of C- or above is required for graduation.
- \* Indicates prerequisites needed.
- \*\* Placement in course(s) is determined by placement assessment.
- \*\*\* Students may not choose or may not count the following courses:  
MATH 100, MATH 101, MATH 103, MATH 104, MATH 108, M 108,  
M 111, M 191A, M 191B, ENGL 118, ENGL 119, ENGL 120