GENERAL EDUCATION PROGRAM

General Education provides a foundation for study across many areas of knowledge. All students are required to complete the General Education program as an essential component of the baccalaureate degree.

The Purpose of General Education

General education at MSU Billings is designed to initiate students as participants in the ongoing accumulation of human knowledge and understanding. General education courses promote the development of respect for diversity, along with skills in problem solving, critical thinking, and communication necessary for students to become productive and responsible members of their communities.

General Education Minimum Satisfactory Course Grade

By action of the University's Academic Senate, the minimum satisfactory grade students must earn in a General Education course is "C-" or better. However, students must earn an overall GPA of 2.0 in the General Education core. (11/10/05 memo #473 p. 1770)

Categorization

Students will complete 31 credits of General Education, distributed in the following categories.

Code	Title	Credits
I. Global Academic Skills		
A. Mathematics		3
B. English		3
C. Communication & Information Literacy		3
II. Natural Sciences		
A. Life Sciences		3
B. Physical Science		3
*Lab taken with either Life Sciences or Physical Sciences		1
III. Social Sciences and History		
A. Social Sciences		3
B. History		3
IV. Cultural Diversity		**3**
V. Arts and Humanities		
A. Fine Arts		3
B. Humanities		3
Total Minimum Credits		**31**

Category Descriptions

Global Academic Skills

Global Academic Skills include assessing sources of information, reading, writing, and calculating.

Natural Sciences

Natural science is devoted to discovering the principles that rule the physical universe.

Social Sciences and History

Social sciences represent those disciplines that apply scientific methods to study the network of human relationships and organizations. History involves the interpretation of diverse sources to understand past societies and events.

Cultural Diversity

Courses in the cultural diversity category facilitate understanding of and interaction between distinct human communities.

Arts and Humanities

The expressive arts include visual, performing, and language-based activities. The humanities include the study of philosophy, literature, and art history.

General Education Learning Objectives

1. **Global Academic Skills**
   a. **Mathematics**
      i. Demonstrate ability to solve problems with quantitative information using mathematical and/or statistical methods.
      ii. Think critically, analytically and independently about mathematical situations.
      iii. Communicate using mathematical terminology and symbols in support of an argument or solution method.
   b. **English**
      i. Exhibit competency in the use of formal writing conventions, including mechanics, syntax, style, cohesion, and organization.
      ii. Select and apply effective writing strategies for specific purposes and audiences.
      iii. Integrate primary and secondary source material in original work with appropriate documentation.
   c. **Communication & Information Literacy**
      i. Engage in research to gather, evaluate, and synthesize information from multiple sources to express ideas.
      ii. Access and use information ethically, with appropriate citation, in oral and written communication.
      iii. Design audience-centered informative or persuasive messages.
2. **Natural Sciences**
   a. **Life Science**
      i. Demonstrate an understanding of living systems by describing their nature, organization, and evolution.
      ii. Demonstrate an understanding of the scientific method and how it is used to increase our knowledge of living things.
      iii. Make logical connections between key concepts in the life sciences and describe the interaction between human lives and other living things in order to understand the ways the environment impacts humanity and how human actions affect the environment.
   b. **Physical Science**
      i. Demonstrate an understanding of the physical universe and planet earth, including its origin and physical processes.
      ii. Demonstrate an understanding of the scientific method and how it is used to solve problems and increase our knowledge of the physical world.
      iii. Make logical connections between key concepts in the physical sciences and human life, including the interactions between the two and their impacts on one another.
3. **Social Sciences and History**
   a. **Social Sciences**
      i. Analyze historical and cultural significance in human behavior, ideas, and institutions.

ii. Synthesize multiple perspectives to understand human behavior.
iii. Contextualize information from multiple points in time and place to understand society.

b. **History**
i. Explain historical events and ideas in appropriate context.
ii. Analyze and organize a variety of sources to construct historical knowledge.
iii. Express a historical argument in written form.

4. **Cultural Diversity**
a. Articulate an understanding of differences across ethnicities, genders, generations, and other groups of people.
b. Analyze how cultural differences impact interactions in society.
c. Describe effective methods to communicate across cultures.

5. **Arts and Humanities**
a. **Fine Arts**
i. Demonstrate an understanding of the diverse roles the fine arts play in human culture.
ii. Identify and analyze artistic techniques used in aesthetic expression.
iii. Demonstrate an appreciation of the ways in which the arts enrich life.

b. **Humanities**
i. Explain the interrelationship between the humanities and other disciplines.
ii. Describe the ways in which the humanities influence culture and society.
iii. Analyze issues surrounding life, death, ethics, and morality.

General Education Courses

City College at MSU Billings students who wish to pursue a baccalaureate degree must also be aware of the requirements below.

Code	Title	Credits
I. Global Academic Skills		
Regarding Global Academic Skills, students are required to take 1 course from Mathematics, 1 course from English, and 1 course from Communication & Information Literacy.		
A. Mathematics		
Select three credits from the following:		3
M 105	Contemporary Mathematics	
M 114	Extended Technical Mathematics	
M 121	College Algebra	
M 122	College Trigonometry	
M 130	Math for Elementary Teachers I	
M 140	College Math for Healthcare	
M 143	Finite Mathematics	
M 161	Survey of Calculus	
M 171	Calculus I	
STAT 141	Intro to Statistical Concepts	
STAT 216	Introduction to Statistics	
B. English		
Select three credits from the following:		3
WRIT 101	College Writing I	
WRIT 121	Intro to Technical Writing	
WRIT 122	Intro to Business Writing	
WRIT 201	College Writing II	
WRIT 220	Business & Prof Writing	
WRIT 221	Intermediate Tech Writing	
C. Communication & Information Literacy		
Select three credits from the following:		3
BMIS 150	Cyber Security & Electronic Co	
COMX 111	Intro to Public Speaking	
COMX 115	Intro to Interpersonal Comm	
LSCI 125	Research in the Info Age	
II. Natural Sciences		
Regarding Natural Sciences, students are required to take one course from Life Sciences and one course from Physical Sciences. **At least one course must include a corresponding laboratory.** [1]		
A. Life Sciences		
Select three credits from the following with a corresponding laboratory courses if not taken in Physical Sciences:		3-4
BIOB 101	Discover Biology	
BIOB 102	Discover Biology Lab	
BIOB 121	Fund of Bio for Allied Health	
BIOB 122	Fund Bio: Evltn/Eclgy/Biodvsty	
BIOB 123	Fund Bio: Nature of Nutrition	
BIOB 160	Principles of Living Systems	
BIOB 161	Principles Living Systems Lab	
B. Physical Sciences		
Select three credits from the following with a corresponding laboratory courses if not taken in Physical Sciences:		3-4
ASTR 110	Introduction to Astronomy	
ASTR 111	Introduction to Astronomy Lab	
CHMY 121	Intro to General Chemistry	
CHMY 122	Intro to Gen Chem Lab	
CHMY 141	College Chemistry I	
CHMY 142	College Chemistry I Lab	
GEO 101	Intro to Physical Geology	
GEO 102	Intro to Physical Geology Lab	
GPHY 262	Spatial Sciences Tech and Appl	
GPHY 263	Spatial Sciences & Tech Lab	
PHSX 103	Our Physical World	
PHSX 104	Our Physical World Lab	
PHSX 205	College Physics I	
PHSX 206	College Physics I Lab	
A. and B. Integrated Sciences		
SCIN 101	Integrated Sciences I	
SCIN 102	Integrated Sciences Lab	
SCIN 103	Integrated Sciences II	
SCIN 104	Integrated Science Lab II	
III. Social Sciences and History		
Regarding Social Sciences and History, students are required to take one course from Social Sciences and one course from History.		
A. Social Sciences		
Select three credits from the following:		3
ANTY 217	Physical Anthro & Archaeology	
BGEN 105B	Introduction to Business	
COMX 106	Comm in a Dynamic Workplace	
ECNS 201	Principles of Microeconomics	
ECNS 202	Principles of Macroeconomics	

EDU 105	Education and Democracy	
HTH 110	Personal Health and Wellness	
PSCI 210	Intro to American Government	
PSCI 220	Intro to Comparative Govt	
PSYX 100	Intro to Psychology	
SOCI 101	Introduction to Sociology	
SOCI 201	Social Problems	
B. History		
Select three credits from the following:		3
HSTA 101	American History I	
HSTA 102	American History II	
HSTR 101	Western Civilization I	
HSTR 102	Western Civilization II	
PSCI 230	Intro to International Rel	
IV. Cultural Diversity		
Regarding Cultural Diversity, students are required to take one course from the following:		3
ANTY 220	Culture & Society	
ARTH 160	Global Visual Culture	
COMX 212	Intro to Intercultural Comm	
GPHY 121	Human Geography	
HTH 270	Global Health Issues	
LIT 230	World Lit Survey	
MUSI 207	World Music	
NASX 105	Intro Native American Studies	
NASX 205	Native Americans in Contmp Soc	
PHL 271	Indian Philsphies & Religions	
PHL 272	Chinese Philsphies & Religions	
REHA 201	Intro to Diversity in Counslng	
RLST 170	The Religious Quest	
SPNS 150	The Hispanic Tradition	
WGSS 274	Women, Culture & Society	
V. Arts and Humanities		
Regarding Arts and Humanities, students are required to take one course from Fine Arts and one course from Humanities.		
A. Fine Arts		
Select three credits from the following:		3
ARTZ 101	Art Fundamentals	
ARTZ 105	Visual Language-Drawing	
ARTZ 106	Visual Language-2-D Fndtns	
ARTZ 108	Visual Language-3-D Fndtns	
ARTZ 131	Ceramics for Non-Majors	
CRWR 240	Intro Creative Writing Wrkshp	
FILM 160	Introduction to World Cinema	
LIT 270	Film & Lit	
MART 260	Computer Presen & Animation	
MUSI 101	Enjoyment of Music	
MUSI 114	Band: MSUB Symphonic	
MUSI 131	Jazz Ensemble I: MSUB	
MUSI 147	Choral Ensemble: Univ Chorus	
PHOT 154	Exploring Digital Photography	
THTR 101	Introduction to Theatre	
B. Humanities		
Select three credits from the following:		3
ARTH 150	Introduction to Art History	
HONR 111	Perspectives and Understanding	
LIT 110	Intro to Literature	
LIT 213	Montana Literature	
PHL 110	Introduction to Ethics	
PHL 111	Philosophies of Life	
PHL 254	People and Politics	
Total Minimum credits		**31**

[1] Students can satisfy Natural Sciences by taking SCIN 101, SCIN 102, and either SCIN 103 or SCIN 104.

City College at MSU Billings students who wish to pursue a baccalaureate degree must also be aware of the requirements below.

Students should consult with their advisors, major departments, or faculty in their programs for guidance in selecting appropriate writing, technology intensive, and experiential learning courses.

Experiential Learning Requirement

Students who intend to graduate with a baccalaureate degree are required to take and pass at least one course of experiential learning. Examples are student teaching, internships, undergraduate research, cooperative education experiences, practica, experiences abroad, and senior projects.

Bachelor of Applied Science Degree

The Bachelor of Applied Science (BAS) degree is available to students with an Associate of Applied Science (AAS) degree. If a student has earned an AAS degree from a regionally accredited (https://catalog.msubillings.edu/cc/academic-affairs/) institution, he or she may enroll on the University campus of MSU Billings (or the other four units within the Montana University System to complete General Education requirements) and take upper division credits in existing areas of study which will complement the student's AAS credits already earned. The transferability of the AAS courses will be determined course by course. Students anticipating transferring are encouraged to consult with their advisor and check the requirement of the institution into which they plan to transfer. Contact the Advising Center located in McMullen Hall First Floor, (406) 657-2240.