



**ADVISING WORKSHEET**  
**BACHELOR OF APPLIED SCIENCE**  
 General Bulletin 2022-2023

TRANSFER INSTITUTION(S):  
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Name \_\_\_\_\_

Student ID # \_\_\_\_\_

**GENERAL EDUCATION REQUIREMENTS – SEE ATTACHED PAGE FOR SPECIFIC COURSES**

General Education Category	Course #	Credits	Grade	Semester	Equivalent
<b>Category I: Global Academic Skills</b> (9 credits) A. Mathematics (3 credits) B. English (3 credits) C. Communication & Information Literacy (3 credits)					
<b>Category II: Natural Sciences</b> (7 credits) 2 lectures (6 credits) & 1 lab (1 credit) (1 life science & 1 physical science & 1 lab)					
<b>Category III: Social Sciences and History</b> (6 credits) A. Social Science (3 credits) B. History (3 credits)					
<b>Category IV: Cultural Diversity</b> (3 credits)					
<b>Category V: Arts &amp; Humanities</b> (6 credits) A. Fine Arts (3 credits) B. Humanities (3 credits)					

A minimum grade of "C-" required in all General Education courses.

*Note: Certain degrees may require a minimum grade of "C" in General Education courses.*

Reviewed:

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## GENERAL EDUCATION REQUIREMENTS

### CATEGORY I: GLOBAL ACADEMIC SKILLS 9 credits

Students are required to take one course from each subcategory

#### Subcategory A - Mathematics 3 credits

M	105	Contemporary Mathematics	3
M	114	Extended Technical Mathematics	3
M	121	College Algebra	3
M	122	College Trigonometry	3
M	130	Mathematics for Elementary Teachers I	3
M	140	College Math for Healthcare	3
M	143	Finite Mathematics	4
M	161	Survey of Calculus	3
M	171	Calculus I	4
STAT	141	Introduction to Statistical Concepts	3
STAT	216	Introduction to Statistics	4

#### Subcategory B - English 3 credits

WRIT	101	College Writing I	3
WRIT	121	Introduction to Technical Writing	3
WRIT	122	Introduction to Business Writing	3

#### Subcategory C- Communication & Information Literacy 3 credits

BMIS	150	Cyber Security and Electronic Communication	3
COMX	111	Introduction to Public Speaking	3
COMX	115	Introduction to Interpersonal Communication	3
COMX	210	Communication in Small Groups	3
LSCI	125	Research in the Information Age	3

### CATEGORY II: NATURAL SCIENCES 6 cr. lecture & 1 cr. lab

Students are required to take one course from each subcategory and at least one corresponding lab or Integrated Sciences

#### Subcategory A – Life Sciences 3-4 credits

BIOB	101	Discover Biology	3
BIOB	102	Discover Biology Lab	1
BIOB	121	Fundamentals of Biology for Allied Health	3
BIOB	123	Fund of Biology: The Nature of Nutrition	3
BIOB	160	Principles of Living Systems	3
BIOB	161	Principles of Living Systems Lab	1
SCIN	101	Integrated Science I	3
SCIN	102	Integrated Science I Lab	1

#### Subcategory B – Physical Sciences 3-4 credits

ASTR	110	Introduction to Astronomy	3
ASTR	111	Introduction to Astronomy Lab	1
CHMY	121	Introduction to General Chemistry	3
CHMY	122	Introduction to General Chemistry Lab	1
CHMY	141	College Chemistry I	3
CHMY	142	College Chemistry Laboratory I	1
GEO	101	Introduction to Physical Geology	3
GEO	102	Introduction to Physical Geology Laboratory	1
GPHY	262	Spatial Sciences Technology & Applications	3
GPHY	263	Spatial Sciences & Technology Lab	1
PHSX	103	Our Physical World	3
PHSX	104	Our Physical World Lab	1
PHSX	205	College Physics I	3
PHSX	206	College Physics I Lab	1
SCIN	103	Integrated Science II	3
SCIN	104	Integrated Science II Lab	1

### CATEGORY III: SOCIAL SCIENCES AND HISTORY 6 CREDITS

Students are required to take one course from each subcategory

#### Subcategory A – Social Sciences 3 credits

BGEN	105	Introduction to Business	3
COMX	106	Communicating in a Dynamic Workplace	3
ECNS	201	Principles of Microeconomics	3
ECNS	202	Principles of Macroeconomics	3
EDU	105	Education and Democracy	3
HTH	110	Personal Health and Wellness	3
PSCI	210	Introduction to American Government	3
PSCI	220	Introduction to Comparative Government	3
PSYX	100	Introduction to Psychology	3
SOCI	101	Introduction to Sociology	3
SOCI	201	Social Problems	3

#### Subcategory B - History 3 credits

HSTA	101	American History I	3
HSTA	102	American History II	3
HSTR	159	World History to 1500 CE	3
HSTR	160	Modern World History	3
PSCI	230	Introduction to International Relations	3

### CATEGORY IV: CULTURAL DIVERSITY 3 credits

ANTY	220	Culture and Society	3
ARTH	160	Global Visual Culture	3
COMX	212	Intro to Intercultural Communication	3
GPHY	121	Human Geography	3
HTH	270	Global Health Issues	3
LIT	230	World Literature Survey	3
MUSI	207	World Music	3
NASX	105	Introduction to Native American Studies	3
NASX	205	Native Americans in Contemporary Society	3
REHA	201	Introduction to Diversity in Counseling	3
RLST	170	The Religious Quest	3
SPNS	150	The Hispanic Tradition	3
WGSS	274	Women, Culture, and Society	3

### CATEGORY V: ARTS & HUMANITIES 6 credits

Students are required to take one course from each subcategory

#### Subcategory A – Fine Arts 3 credits

ARTZ	101	Art Fundamentals	3
ARTZ	105	Visual Language-Drawing	3
ARTZ	106	Visual Language-2-D Foundations	3
ARTZ	108	Visual Language-3-D Foundations	3
ARTZ	131	Ceramics for Non-majors	3
CRWR	240	Intro Creative Writing Workshop	3
FILM	160	Introduction to World Cinema	3
LIT	270	Film & Literature	3
MUSI	101	Enjoyment of Music	3
MUSI	114	Band: MSUB Symphonic	1
MUSI	131	Jazz Ensemble I: MSUB	1
MUSI	147	Choral Ensemble: University Chorus	1
PHOT	154	Exploring Digital Photography	3
THTR	101	Introduction to Theatre	3

#### Subcategory B - Humanities 3 credits

ARTH	150	Introduction to Art History	3
HONR	111	Perspectives and Understanding	3
LIT	110	Introduction to Literature	3
LIT	213	Montana Literature	3
PHL	110	Introduction to Ethics	3
PHL	111	Philosophies of Life	3
PHL	254	People and Politics	3



Course	Credits	Grade	Semester	Equivalent

**ACADEMIC REQUIREMENTS:**

- \_\_\_ **Completion of an Associate of Applied Science (AAS) degree from a regionally accredited college or university.**  
The BAS requires completion of a minimum of 60 credits beyond the AAS degree. A maximum of 60 credits will be accepted from the AAS degree towards the 120-credit requirement. Course work must include completion of specified General Education courses and other upper division coursework that relates to and is supportive of the AAS degree.
  
- \_\_\_ **Earn at least 120 credits with a cumulative grade point average of 2.0 or better.**
  
- \_\_\_ **Satisfy the General Education Requirements of Montana State University Billings. (See page 1 of this worksheet.)**
  
- \_\_\_ **Earn a minimum of 30 credits at Montana State University Billings.**
  
- \_\_\_ **Complete at least 30 upper division credits, of which at least 21 must be earned from Montana State University Billings. (Upper division courses are labeled “u”).**
  
- \_\_\_ **Complete a thematic concentration of 30 credits including at least 15 credits from one discipline. This concentration shall be prepared in collaboration with a faculty advisor and approved by the Academic Dean responsible for the majority of the courses in the Thematic Concentration. Students seeking a concentration in Business are limited to 27 credits in the College of Business.**
  
- \_\_\_ **A grade of “C” or higher is mandatory in all courses in the Thematic Concentration.**
  
- \_\_\_ **Complete the Thematic Concentration Form in collaboration with your Faculty Advisor. (See attached form.)**

**BACHELOR OF APPLIED SCIENCE**

Categories	Credits	Earned	Remaining
General Education Requirements	31	_____	_____
Thematic Concentration	30	_____	_____
Electives (may vary)	V	_____	_____
Total	120	_____	_____

**NOTES:**

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## Plan of Study for Thematic Concentration

Name \_\_\_\_\_ Student ID# \_\_\_\_\_

The BAS degree requires, in lieu of a standard major, a thematic concentration involving courses from one or more departments. The concentration must contain a minimum of 30 credits, and at least 15 credits must be earned in one discipline. Students seeking the BAS should consult with a faculty advisor on appropriate courses to fulfill the concentration. All proposals must include an explanation of the theme and be approved by a faculty advisor, and the Academic Dean.

### I. Thematic Concentration

Course Number	Course Title	Credits	Grade	Semester

## II. Theme

Describe briefly the theme of this concentration, how it relates to your AAS degree, and the way in which the proposed courses support this theme:

## III. Signatures

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Student

Date

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Faculty Advisor

Date

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Department Chair

Date

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Academic Dean

Date

*In addition to the thematic concentration outlined on this form, all other degree requirements must be met including at least **30 credits from MSU Billings**, a minimum of **30 upper division credits (21 from MSU Billings)**, and a **minimum of 120 total credits**.*