



**ADVISING WORKSHEET**  
**ASSOCIATE OF SCIENCE**  
**ENVIRONMENTAL SCIENCE**  
**General Bulletin 2013-2015**

TRANSFER INSTITUTION(S):

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Montana State University Billings  
 Advising Center  
 Phone: 406-657-2240  
 Fax: 406-657-2302  
 advising@msubillings.edu  
[www.msubillings.edu/advise/](http://www.msubillings.edu/advise/)

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)	STAT 141				
	WRIT 101				
	COMX 111				
<b>Category II: Natural Sciences</b> (7 credits) 2 lectures (6 credits) & 1 lab (1 credit) (1 life science & 1 physical science & 1 lab)	BIOB 160				
	GEO 101				
	GEO 102				
<b>Category III: Social Sciences and History</b> (6 credits) A. Social Science (3 credits) B. History (3 credits)	ANTY 217 OR ECNS 202				
<b>Category IV: Cultural Diversity</b> (3 credits)	ANTY 220				
<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

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**CATEGORY I: GLOBAL ACADEMIC SKILLS** **9 credits**

*Students are required to take one course from each subcategory*

**Subcategory A - Mathematics** **3 credits**  
*STAT 141 Introduction to Statistical Concepts* 3

**Subcategory B - English** **3 credits**  
*WRIT 101 College Writing I* 3  
*WRIT 201 College Writing II* 3

**Subcategory C- Communication & Information Literacy** **3 credits**  
*COMX 111 Introduction to Public Speaking* 3

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**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 SCIN 101, 102, 103 & 104*

**Subcategory A – Life Sciences** **3-4 credits**  
*BIOB 160 Principles of Living Systems* 3

**Subcategory B – Physical Sciences** **3-4 credits**  
*GEO 101 Introduction to Physical Geology* 3  
*GEO 102 Introduction to Physical Geology Laboratory I*

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**CATEGORY III: SOCIAL SCIENCES AND HISTORY** **6 credits**

*Students are required to take one course from each subcategory*

**Subcategory A – Social Sciences** **3 credits**  
*ANTY 217 Physical Anthropology & Archeology* 3  
*ECNS 202 Principles of Macroeconomics* 3

**Subcategory B - History** **3 credits**  
*HSTA 101 American History I* 3  
*HSTA 102 American History II* 3  
*HSTR 101 Western Civilization I* 3  
*HSTR 102 Western Civilization II* 3  
*HSTR 103 Honors Western Civilization I* 3  
*HSTR 104 Honors Western Civilization II* 3  
*PSCI 230 Introduction to International Relations* 3

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**CATEGORY IV: CULTURAL DIVERSITY** **3 credits**

*ANTY 220 Culture and Society* 3

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**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 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  
*MART 260 Computer Presentation and Animation* 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  
*THTR 101 Introduction to Theatre* 3  
*THTR 120 Introduction to Acting I* 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 240 The Bible as Literature* 3  
*PHL 110 Introduction to Ethics* 3  
*PHL 111 Philosophies of Life* 3

**Total** **31**

Course		Credits	Grade	Semester	Equivalent
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*A minimum grade of C or better is required in all major coursework*

### Required Courses

BIOB	170	Principles of Biological Diversity	3			
BIOB	171	Principles of Biological Diversity Laboratory	1			
BIOE	202	Introduction to Environmental Ecology	3			
*CHMY	141	College Chemistry I	3			
*CHMY	142	College Chemistry Laboratory I	1			
CHMY	143	College Chemistry II	3			
CHMY	144	College Chemistry Laboratory II	1			

**Total Required Courses 15**

### Elective Courses (8 credits to be chosen in consultation with advisor)

BIOE	483	Evolution and Ecology	3			
BIOE	484	Evolution and Ecology Lab	1			
CHMY	311	Analytical Chemistry – Quantitative Analysis	3			
CHMY	312	Analytical Chemistry Laboratory – Quantitative Analysis	1			
ERTH	303	Weather and Climate	4			
GEO	205	Mineralogy	4			
GEO	492	Independent Study	1-3			

**Total Elective Courses 8**

\*May satisfy Academic Foundations/General Education requirements.

**ASSOCIATE OF SCIENCE DEGREE  
PROGRAM OF STUDY IN ENVIRONMENTAL SCIENCE**

<b>Categories</b>	<b>Credits</b>	<b>Earned</b>	<b>Remaining</b>
General Education	31	_____	_____
Required Courses	15	_____	_____
Elective Courses	14	_____	_____
Total	60	_____	_____

**It is the student's responsibility to know and meet the requirements for graduation.**

**A minimum of 20 semester credits with 40 grade points must be earned at Montana State University Billings.**

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**NOTES:**