



**ADVISING WORKSHEET**  
**BACHELOR OF ARTS DEGREE**  
**MAJOR IN ENVIRONMENTAL STUDIES**  
**General Bulletin 2023-2024**

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

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) <i>STAT 216 – Major Core Requirement</i> B. English (3 credits) WRIT 101 or WRIT 121 – Major Requirement C. Communication & Information Literacy (3 credits) COMX 111 – Major Requirement					
<b>Category II: Natural Sciences</b> (7 credits) 2 lectures (6 credits) & 1 lab (1 credit) (1 life science & 1 physical science & 1 lab)  <i>BIOB 101/102 or 160/161 – Major Core Requirement</i> <i>GPHY 262/263 – Major Core Requirement</i>					
<b>Category III: Social Sciences and History</b> (6 credits) A. Social Science (3 credits) <i>ECNS 201 – Major Core Requirement</i> B. History (3 credits)					
<b>Category IV: Cultural Diversity</b> (3 credits) <i>GPHY 121 – Major Core Requirement</i>					
<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.

**Reviewed:**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## 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
HONR	205	Honors Research and Inquiry	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 Sciences I	3
SCIN	102	Integrated Sciences 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 Sciences II	3
SCIN	104	Integrated Sciences 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	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
--------	---------	-------	----------	------------

*A minimum grade of C- or better is required in all major coursework*

**Additional Environmental Studies General Education Core Requirements**

*STAT 216	Introduction to Statistics	(4)		
*COMX 111	Intro to Public Speaking	(3)		
*BIOB 101/102 – Discover Biology with lab OR *BIOB 160/161 – Principles of Living Systems with Lab		(3) (1)		
*GPHY 262	Spatial Sciences Technology & Applications	(3)		
AND GPHY 263	Spatial Science and Technology Lab	1		
*ECNS 201	Principles of Microeconomics	(3)		
*GPHY 121	Human Geography	(3)		

\*May satisfy General Education requirements.

^The Physical Science lab course is also required, but not counted in Gen Eds. See below.

**Additional Environmental Studies Core Requirements**

Select one college writing course from the list below: Note: Additional writing course is a prerequisite for ENST 210. **15 Credits**

BIOE 202	Intro to Environmental Ecology	3		
ENST 210	Introduction to Environmental Studies	3		
ENST 498	Internship/Cooperative Education	3		
ENST 499	Senior Thesis/Capstone	3		
*WRIT 121 OR 201 OR 221	Introduction to Technical Writing  College Writing II  Intermediate Technical Writing	3		

**Career Oriented Tracks: Complete at least one of the following:**

**Track 1: GIS Skills**

**18 Credits**

GPHY 282	Mapping Techniques	3		
GPHY 380	Principles of GIS	3		
GPHY 484	Applied GIS/Spatial Analysis	3		
GPHY 491	Special Topics	3		
<i>Select two courses from the following – 6 credits:</i>				
ARTH 455	Art and the Environment	3		
BGEN 440	Business and the Environment	3		
ENST 335	The Environmental Vision	3		
ENST 385	Environmental Impact and Policy Analysis	3		
GPHY 494	Seminar/Workshop	3		
GPHY 498	Cooperative Education/Internship	3		
HSTA 460	Montana and the West	3		
HSTA 470	American Environmental History	3		
NASX 350	Native Americans & Environment	3		
NASX 379	Federal Indian Law	3		
PHL 324	Nature, Culture, and Ethics	3		
PSCI 365	Public Policy Issues and Analysis	3		
SOCI 415	Sociology of Hunting and Poaching	3		
SOCI 470	Environmental Sociology	3		

**Track 2: Environmental Advocacy****18 credits**

COMX	300	Exploring Communication Studies	3			
COMX	330	Principles of Media Studies	3			
COMX	341	Public Advocacy	3			
HSTA OR HSTA	460  470	Montana and the West  American Environmental History	3			
<i>Select two courses from the following: – 6 credits:</i>						
ARTH	455	Art and the Environment	3			
BGEN	440	Business and the Environment	3			
COMX	320	Principles of Organizational Communication	3			
COMX	434	Political Communication	3			
ENST	335	The Environmental Vision	3			
ENST	385	Environmental Impact and Policy Analysis	3			
GPHY	494	Seminar/Workshop	3			
NASX	350	Native Americans and Environment	3			
PHL	324	Nature, Culture, Ethics	3			
PSCI	365	Public Policy Issues and Analysis	3			
SOCI	415	Sociology of Hunting and Poaching	3			
SOCI	470	Environmental Sociology	3			

**Track 3: Environmental Management and Policy****18 credits**

BGEN OR BMGT	440  322	Business and the Environment  Operations Management	3			
GPHY	282	Mapping Techniques	3			
HSTA OR HSTA	460  470	Montana and the West  American Environmental History	3			
NASX	379	Federal Indian Law	3			
PSCI	260	Intro to State and Local Government	3			
<i>Select one course from the following: – 3 credits:</i>						
ENST	335	The Environmental Vision	3			
ENST	385	Environmental Impact and Policy Analysis	3			
GPHY	380	Principles of GIS	3			
GPHY	494	Seminar/Workshop	3			
NASX	350	Native Americans and Environment	3			
PHL	324	Nature, Culture, Ethics	3			
PSCI	365	Public Policy Issues and Analysis	3			
SOCI	415	Sociology of Hunting and Poaching	3			

**Track 4: Eco-Spatial Analysis****20 credits**

BIOE And BIOE	370  371	General Ecology  General Ecology Lab	3  1			
BIOO And BIOO	320  321	General Botany  General Botany Lab	3  1			
GPHY	282	Mapping Techniques	3			
GPHY	380	Principles of GIS	3			
GPHY	484	Applied GIS/Spatial Analysis	3			
<i>Select one course from the following: - 3 credits</i>						
BGEN	440	Business and the Environment	3			
ENST	335	The Environmental Vision	3			
ENST	385	Environmental Impact and Policy Analysis	3			
GPHY	494	Seminar/Workshop	3			

