



**ADVISING WORKSHEET**  
**TEACHING MINOR IN CHEMISTRY**  
**GENERAL BULLETIN 2015-2017**

TRANSFER INSTITUTION(S):

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

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

Name \_\_\_\_\_

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

Course	Credits	Grade	Semester	Equivalent
<b>Required Courses</b>				
*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		
CHMY 311	Analytical Chemistry – Quantitative Analysis	3		
CHMY 312	Analytical Chemistry Laboratory – Quantitative Analysis	1		
CHMY 321	Organic Chemistry I	3		
CHMY 322	Organic Chemistry Laboratory I	1		
CHMY 323	Organic Chemistry II	3		
CHMY 324	Organic Chemistry Laboratory II	1		
EDU 397G	Methods: 5-12 Science	2		

**Elective Courses:** Upper division Chemistry courses selected from the following in consultation with advisor (4 credits)

BCH 380	Biochemistry	3		
BCH 381	Biochemistry Lab	1		
CHMY 371	Physical Chemistry – Quantum Chemistry and Spectroscopy	3		
CHMY 372	Physical Chemistry Laboratory I	1		
CHMY 411	Advanced Organic Chemistry	3		
CHMY 412	Advanced Organic Chemistry Laboratory	1		

Total Elective Credits 4

**Total credits required for minor 26**

For students who are gaining teaching licensure in a content major, the following minor leads to endorsement. All students desiring licensure to teach are required to file an Application for Admission to the Educator Preparation Program.

*Certain courses in this program have prerequisites; students should check the course descriptions in the General Bulletin for required prerequisites.*

\*May satisfy General Education requirements.