

Name \_\_\_\_\_ Evaluated by \_\_\_\_\_

ID # \_\_\_\_\_ Date \_\_\_\_\_

Prerequisites are shown in *italics*.

**CREDIT EVALUATION**  
**The University of Montana Western**  
**2013-2014 Catalog**

<b>BACHELOR OF SCIENCE: BIOLOGY &amp; SECONDARY EDUCATION DOUBLE MAJOR</b>
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Institution #1 \_\_\_\_\_ Abbreviation \_\_\_\_\_

Institution #2 \_\_\_\_\_ Abbreviation \_\_\_\_\_

Institution #3 \_\_\_\_\_ Abbreviation \_\_\_\_\_

**GENERAL EDUCATION CORE REQUIREMENTS .....31-32 credits**

\_\_\_\_\_ BIOB 160 Principles of Living Systems 4 \_\_\_\_\_ Accept \_\_\_\_\_

*M 095 or appropriate ACT/SAT math scores*

\_\_\_\_\_ CHMY 141 College Chemistry I 4 \_\_\_\_\_ Accept \_\_\_\_\_

*M 095 or appropriate ACT/SAT math scores, HS Chemistry or CHMY 121 recommended*

\_\_\_\_\_ PHL 241 History & Philosophy of Science 4 \_\_\_\_\_ Accept \_\_\_\_\_

\_\_\_\_\_ STAT 121 Probability 4 \_\_\_\_\_ Accept \_\_\_\_\_

*M 095 or appropriate ACT/SAT math scores*

**BIOLOGY MAJOR.....52 credits**

\_\_\_\_\_ BIOB 170 Principles of Biological Diversity 4 \_\_\_\_\_ Accept \_\_\_\_\_

*M 095 or appropriate ACT/SAT math scores, BIOB 160 recommended*

\_\_\_\_\_ BIOB 260 Cell & Molecular Biology 4 \_\_\_\_\_ Accept \_\_\_\_\_

*BIOB 160*

\_\_\_\_\_ BIOB 375 General Genetics 4 \_\_\_\_\_ Accept \_\_\_\_\_

*BIOB 260, STAT 121*

\_\_\_\_\_ BIOB 420 Evolution 4 \_\_\_\_\_ Accept \_\_\_\_\_

*BIOB 375, Junior/Senior standing*

\_\_\_\_\_ BIOE 370 General Ecology 4 \_\_\_\_\_ Accept \_\_\_\_\_

*BIOB 170*

\_\_\_\_\_ BIOO 220 General Botany 4 \_\_\_\_\_ Accept \_\_\_\_\_

*BIOB 160*

\_\_\_\_\_ CHMY 143 College Chemistry II 4 \_\_\_\_\_ Accept \_\_\_\_\_

*CHMY 141*

\_\_\_\_\_ CHMY 321 Organic Chemistry I 4 \_\_\_\_\_ Accept \_\_\_\_\_

*CHMY 143*

\_\_\_\_\_ CHMY 323 Organic Chemistry II 4 \_\_\_\_\_ Accept \_\_\_\_\_

*CHMY 321*

\_\_\_\_\_ M 171 Calculus 4 \_\_\_\_\_ Accept \_\_\_\_\_

*M 112, or HS Trigonometry*

\_\_\_\_\_ PHSX 220 Physics I 4 \_\_\_\_\_ Accept \_\_\_\_\_

*M 171*

\_\_\_\_\_ PHSX 222 Physics II 4 \_\_\_\_\_ Accept \_\_\_\_\_

*M 171*

**Select 1 from the following:**

\_\_\_\_\_ STAT 217 Intermediate Statistical Concepts 4 \_\_\_\_\_ Accept \_\_\_\_\_

*STAT 121*

\_\_\_\_\_ STAT 233 Biostatistics 4 \_\_\_\_\_ Accept \_\_\_\_\_

*STAT 121*

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(Secondary Education majors do not take BIOB or HHP 400/ACT 498, or BIOB 494P)

Additional courses recommended for Secondary Education

\_\_\_\_\_ BIOH 365 Human Anatomy/Physiology I 4 \_\_\_\_\_ Accept \_\_\_\_\_  
                   *BIOB 101 or 160 or HS Biology recommended*  
 \_\_\_\_\_ BIOH 370 Human Anatomy/Physiology II 4 \_\_\_\_\_ Accept \_\_\_\_\_  
                   *BIOH 365*  
 \_\_\_\_\_ BIOM 260 General Microbiology 4 \_\_\_\_\_ Accept \_\_\_\_\_  
                   *BIOB 260*

**PROFESSIONAL EDUCATION CORE .....32 credits**

(Courses below substitute for the Biology Option Area and the Biology Internship)

\_\_\_\_\_ EDU 201 Intro to Ed w/Field Experience 4 \_\_\_\_\_ Accept \_\_\_\_\_  
 \_\_\_\_\_ EDU 222 Ed Psych/Child Development 4 \_\_\_\_\_ Accept \_\_\_\_\_  
 \_\_\_\_\_ EDU 311 Cult Divers Ethics/Global Ed 4 \_\_\_\_\_ Accept \_\_\_\_\_  
                   *TEP*  
 \_\_\_\_\_ EDU 382 Assess/Curr/Instruction 4 \_\_\_\_\_ Accept \_\_\_\_\_  
                   *EDU 201, 222*  
 \_\_\_\_\_ EDU 391D Foundations Ed Tech/Sec Ed 2 \_\_\_\_\_ Accept \_\_\_\_\_  
                   *TEP*  
 \_\_\_\_\_ EDU 481 Content Area Literacy 2 \_\_\_\_\_ Accept \_\_\_\_\_  
                   *TEP*  
 \_\_\_\_\_ EDU 491D Ed Mgmt/Disc/Sec Ed Mjrs 4 \_\_\_\_\_ Accept \_\_\_\_\_  
                   *TEP*  
 \_\_\_\_\_ EDU 497S Meth: 5-12 Science 4 \_\_\_\_\_ Accept \_\_\_\_\_  
                   *TEP*

**Select 1 of the following:**

\_\_\_\_\_ HEE 340 Methods of Health Education 4 \_\_\_\_\_ Accept \_\_\_\_\_  
 \_\_\_\_\_ HTH 220 Human Sexuality 4 \_\_\_\_\_ Accept \_\_\_\_\_

**ELECTIVE CREDITS .....0-1 credits**

\_\_\_\_\_ Accept \_\_\_\_\_  
 \_\_\_\_\_ Accept \_\_\_\_\_

**A recent certificate of first aid & safety (including child & adult CPR and AED, & infant CPR) is required of all education majors prior to student teaching. ECP 100 is recommended to fulfill this requirement.**

**STUDENT TEACHING ..... 12 credits**

\_\_\_\_\_ EDU 306 Schl Law/Advoc/All K-12 Lrnrs 4 \_\_\_\_\_ Accept \_\_\_\_\_  
                   *EDU 382, TEP*  
 \_\_\_\_\_ EDU 495S Student Teaching: 5-12 8 \_\_\_\_\_ Accept \_\_\_\_\_  
                   *Admission to Student Teaching*

Students in an internship program (e.g., Class 5 teachers) will substitute 4 credits of EDU 498 Internship for each semester they are enrolled in an internship.

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**Graduation requirements:**

\_\_\_\_\_ Completed all required General Education with a minimum 2.7 GPA and no grade lower than a C-

\_\_\_\_\_ No grade lower than a B- for Professional Education Core

**(No Professional Education course may be repeated more than once)**

\_\_\_\_\_ Minimum 2.7 overall GPA

\_\_\_\_\_ Completed a minimum total of 128 credits

\_\_\_\_\_ Completed Application for Graduation

Deadlines for early audit for graduation (Prior to your last semester, an audit is done by the Registrar's Office of credits completed to determine what you may still be missing.)

Graduate end of spring semester: May 1, previous year

Graduate end of summer semester: May 1, previous year

Graduate end of fall semester: September 15, previous spring semester

Deadlines for graduation applications

Graduate end of spring semester: January 1

Graduate end of summer semester: May 1

Graduate end of fall semester: September 1