

Name \_\_\_\_\_ Evaluated by \_\_\_\_\_  
 ID # \_\_\_\_\_ Date \_\_\_\_\_

Prerequisites are shown in *italics*.

**CREDIT EVALUATION**  
**The University of Montana Western**  
**2012-2013 Catalog**

**BACHELOR OF SCIENCE: MATHEMATICS**

Institution #1 \_\_\_\_\_ Abbreviation \_\_\_\_\_  
 Institution #2 \_\_\_\_\_ Abbreviation \_\_\_\_\_  
 Institution #3 \_\_\_\_\_ Abbreviation \_\_\_\_\_

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

\_\_\_\_\_ STAT 121 Probability 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*M 095 or ACT/SAT Math Proficiency*

**MATHEMATICS MAJOR.....48 credits**

\_\_\_\_\_ M 171 Calculus I 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*M 112 or C- or higher in high school trigonometry*

\_\_\_\_\_ M 172 Calculus II 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*M 171 grade B- or higher*

\_\_\_\_\_ M 210 Intro/Math Sftwr 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*Any 100-400 level math course grade B- or higher*

\_\_\_\_\_ M 221 Intro/Linear Algebra 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*M 171 and M 210 grade B- or higher*

\_\_\_\_\_ M 273 Multivariable Calculus 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*M 172 grade B- or higher*

\_\_\_\_\_ M 274 Into/Diff Equations 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*M 172 and M 210 grade B- or higher*

\_\_\_\_\_ M 329 Modern Geometry 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*Sophomore standing*

\_\_\_\_\_ M 343 Foundations of Math 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*Sophomore standing*

Select 1 from the following:

\_\_\_\_\_ STAT 217 Intrmed Statistical Cncpts 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*STAT 121*

\_\_\_\_\_ STAT 233 Biostatistics 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*STAT 121*

\_\_\_\_\_ STAT 422 Mathematical Stats 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*STAT 121*

Select 3 of the following courses: (at least one must be M 414 or STAT 433)

\_\_\_\_\_ M 414 Deterministic Models 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*M 172 and M 210 grade B- or higher*

\_\_\_\_\_ M 431 Abstract Algebra 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*M 343 grade B- or higher*

\_\_\_\_\_ M 435 Adv Calculus 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*M 172 and M 343 grade B- or higher*

\_\_\_\_\_ M 444 Adv Number Theory 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*M 343 grade B- or higher*

\_\_\_\_\_ M 472 Intro/Complex Analysis 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*M 273 and M 343 grade B- or higher*

\_\_\_\_\_ M 494 Sem/Workshop 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*M 343 grade B- or higher, and other (topic dependent) courses to be set by the instructor*

\_\_\_\_\_ M 499 Sr Project/Thesis 4 \_\_\_\_\_ Accept \_\_\_\_\_  
 Senior standing, c/i, c/pc, and c/vc

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**OPTIONS.....28 credits**

Select 1 from the following Options or elect to double major in Secondary Education or elect to use all remaining credits (28) as electives to pursue other interests.

- Mathematical Biology (28)
- Mathematical Ecology (28)
- Mathematical Geology (28)

**ELECTIVE CREDITS .....12-13 credits**

*Select from any catalog courses*

Grade/Credits	Course #	Title	Accept
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Graduation requirements:**

- \_\_\_\_\_ Completed all required General Education, Core, Related Area and Elective courses
- \_\_\_\_\_ Completed a minimum total of 120 credits
- \_\_\_\_\_ No grade lower than a C-
- \_\_\_\_\_ Minimum 2.0 GPA
- \_\_\_\_\_ 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: September 15, previous year
- Graduate end of fall semester: March 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