

Name \_\_\_\_\_  
ID# \_\_\_\_\_

Evaluated by \_\_\_\_\_  
Date \_\_\_\_\_

Prerequisites are shown in *italics*.

**CREDIT EVALUATION**  
**The University of Montana Western**  
**2014-2015 Catalog**

**MATHEMATICS OPTION AREA**  
**MATHEMATICAL BIOLOGY**

*All Mathematics courses for a Math Major must be completed with a B- or better.*

**General Education Requirements**

\_\_\_\_\_ BIOB 160 Principles of Living Systems 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*M 095 or appropriate ACT/SAT scores*  
\_\_\_\_\_ CHMY 141 College Chemistry I 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*M 095 or appropriate ACT/SAT scores; high school chemistry or CHMY 121 recommended*

**Mathematical Biology Core Requirements**

\_\_\_\_\_ BIOB 260 Cell & Molecular Biology 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*BIOB 160*  
\_\_\_\_\_ BIOB 375 General Genetics 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*BIOB 260 and STAT 121*  
\_\_\_\_\_ BIOB 420 Evolution 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*Junior/Senior standing and BIOB 375*  
\_\_\_\_\_ CHMY 143 College Chemistry II 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*CHMY 141*  
\_\_\_\_\_ CHMY 321 Organic Chemistry I 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*CHMY 143*

**Select 2 of the following:**

\_\_\_\_\_ BIOB 425 Advance Cell/Molecular Biol 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*BIOB 260 and Junior standing; CHMY 321 recommended*  
\_\_\_\_\_ BIOM 260 General Microbiology 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*BIOB 260*  
\_\_\_\_\_ CHEM 441 Biochemistry 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*CHMY 323 and BIOB 260*  
\_\_\_\_\_ CHMY 323 Organic Chemistry II 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*CHMY 321*  
\_\_\_\_\_ STAT 331 Bioinformatics 4 \_\_\_\_\_ Accept \_\_\_\_\_  
*STAT 121, BIOB 260*

**TOTAL CREDITS.....28**