

Name _____ Evaluation By _____

SID _____ Date _____

**Credit Evaluation Worksheet
The University of Montana Western
2011-2012 Catalog**

Transfer Institutions

- 1) _____ Abbreviation _____
- 2) _____ Abbreviation _____
- 3) _____ Abbreviation _____

Bachelor of Sciences: Mathematics

GENERAL EDUCATION31-32

Required General Education courses:

_____ STAT 121 Probability 4 _____ approval _____

MATHEMATICS MAJOR.....48-52

_____ M 171 Calculus I 4 _____ approval _____

_____ M 172 Calculus II 4 _____ approval _____

_____ M 273 Multivariable Calculus 4 _____ approval _____

_____ M 210 Intro to Mathematics Software 4 _____ approval _____

_____ M 221 Introduction to Linear Algebra 4 _____ approval _____

_____ M274 Introduction to Differential Equations 4 _____ approval _____

_____ M 329 Modern Geometry 4 _____ approval _____

_____ M 343 Foundations of Mathematics 4 _____ approval _____

Select 1 from the following:

_____ STAT 217 Interm Statistical Concepts 4 _____ approval _____

_____ STAT 233 Biostatistics 4 _____ approval _____

_____ STAT 422 Mathematical Statistics 4 _____ approval _____

Select 3 from the following (At least one must be either M 414 or STAT 433):

_____ M 414 Deterministic Modeling 4 _____ approval _____

_____ STAT 433 Stochastic Modeling 4 _____ approval _____

_____ M 435 Advanced Calculus I 4 _____ approval _____

_____ M 472 Introduction to Complex Analysis 4 _____ approval _____

_____ M 431 Abstract Algebra 4 _____ approval _____

_____ M 444 Advanced Number Theory 4 _____ approval _____

The following course is required unless your are taking a secondary education as a double major

_____ M 499 Senior Project/Theses 4 _____ approval _____

OPTIONS0-28

Select 1 from the following Options or take no minor with 28 additional credits of elective (total of 36 elective credits) or double major in Secondary Education:

- Mathematical Biology Option
- Mathematical Ecology Option
- Mathematical Geology Option

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Bachelor of Sciences: Mathematics

ELECTIVE REQUIREMENTS8-36

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TOTAL Credits Required120