

The University of Montana Western
2015-2016 Catalog

Education Minor: Mathematics

Name _____
 ID # _____

Evaluated by _____
 Date _____

Institution _____
 Institution _____
 Institution _____

Abbreviation _____
 Abbreviation _____
 Abbreviation _____

Math Minor Requirements

36 credits

Institution Accepted

General Education Required Courses

_____	PHSX 220	Physics I <i>Prereq: M 161 or 171</i>	_____	4		
_____	STAT 121	Probability <i>Prereq: M 095 or appropriate ACT/SAT scores</i>	_____	4		

Math Minor Required Courses

_____	EDU 497M	Methods: 5-12 Mathematics <i>Prereq: TEP & M 329</i>	_____	4		
_____	M 171	Calculus I <i>Prereq: M 112 or HS Trigonometry</i>	_____	4		
_____	M 172	Calculus II <i>Prereq: M 171 with B- or better</i>	_____	4		
_____	M 221	Intro to Linear Algebra <i>Prereq: M 171 & 210 with B- or better</i>	_____	4		
_____	M 329	Modern Geometry <i>Prereq: Sophomore standing</i>	_____	4		
_____	M 343	Foundations of Mathematics <i>Prereq: Sophomore standing</i>	_____	4		

Select one of the following:

_____	STAT 217	Intermediate Statistical Concepts <i>Prereq: STAT 121</i>	_____	4		
_____	STAT 422	Mathematical Statistics <i>Prereq: M 172 & STAT 121 with B- or better</i>	_____	4		

Select one of the following:

_____	M 273	Multivariable Calculus <i>Prereq: M 172 with B- or better</i>	_____	4		
_____	M 274	Intro to Differential Equations <i>Prereq: M 172 & 210 with B- or better</i>	_____	4		
_____	M 414	Deterministic Models <i>Prereq: M 172 & 210 with B- or better</i>	_____	4		
_____	STAT 433	Stochastic Modeling <i>Prereq: STAT 121 & M 210 with B- or better</i>	_____	4		

Select one of the following:

_____	M 431	Abstract Algebra <i>Prereq: M 343 with B- or better</i>	_____	4	<input type="text"/>	<input type="text"/>
_____	M 435	Advanced Calculus I <i>Prereq: M 172 & 343 with B- or better</i>	_____	4	<input type="text"/>	<input type="text"/>
_____	M 444	Advanced Number Theory <i>Prereq: M 343 with B- or better</i>	_____	4	<input type="text"/>	<input type="text"/>
_____	M 472	Intro to Complex Analysis <i>Prereq: M 273 & 343 with B- or better</i>	_____	4	<input type="text"/>	<input type="text"/>