

# Mathematics Teaching Option

The Mathematics Teaching Option is designed for students who wish to become licensed to teach mathematics in grades 5-12. Upon completion of the degree, students are eligible for licensure in the state of Montana. Secondary education students are encouraged to pursue a teaching minor in an additional content area and should contact an advisor for details. Obtaining a teaching minor will require more than eight semesters. For more information on admission to the Teacher Education Program, Student Teaching, Licensure, Professional Expectations and more, please visit the Teacher Education Program (<http://catalog.montana.edu/undergraduate/education-health-human-development/department-education/teacher-education-program>) page.

## Freshman Year

	Credits	
	Fall	Spring
EDU 101US - Teaching and Learning or CLS 101US - Knowledge and Community or CLS 201US - Knowledge and Community or COMX 111US - Introduction to Public Speaking or LS 101US - Ways of Knowing or UH 201US - Texts & Critics: Knowledge or UH 301US - Texts and Critics II or US 101US - First Year Seminar or US 121US - Humanity, Society & Culture in the Digital Landscape	3	
FCS 101IS - or EDEC 160 - Early Childhood Development	3	
M 171Q - Calculus I	4	
University and Core Electives	5	
WRIT 101W - College Writing I		3
EDU 202 - Early Field Experience		1
M 172Q - Calculus II		4
PHSX 205 - College Physics I		4
University Core and Electives		3
Year Total:	15	15

## Sophomore Year

	Credits	
	Fall	Spring
EDU 223IS - Educ Psych and Adolescent Dev	3	
EDU 370 - Integrating Tech into Educ	2	
M 221 - Introduction to Linear Algebra	3	
M 273Q - Multivariable Calculus	4	
STAT 216Q - Introduction to Statistics	3	
EDU 211D - Multicultural Education		3
M 242 - Methods of Proof		3
M 274 - Introduction to Differential Equation		4
STAT 217Q - Intermediate Statistical Concepts		3
University Core and Electives		3
Year Total:	15	16

## Junior Year

	Credits	
	Fall	Spring
EDU 382 - Assessmt, Curric, Instructn	3	
M 328 - Higher Math for Sec Teachers	3	
Math/Stat (300+)	3	
University Core and Electives	6	

EDU 497R - Methods: 5-8 Mathematics	3	
EDSP 306 - Exceptional Learners	3	
M 329 - Modern Geometry	3	
Math/Stat(300+)	3	
University Core and Electives	3	
Year Total:	15	15
<b>Senior Year</b>		<b>Credits</b>
	<b>Fall</b>	<b>Spring</b>
EDU 395 - Practicum	3	
EDU 497 - Methods	3	
M 428 - Mathematical Modeling for Teachers	3	
Math/Stat(300+)	3	
University Core and Electives	3	
EDU 408 - Professional Issues: K-12		2
EDU 495 - Student Teaching		12
Year Total:	15	14
Total Program Credits:		120

Nine credits of electives are required. These credits may be chosen from any mathematics or statistics course numbered 300 or above.

### **Font Notice**

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.