

# 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/departments-education/>) page.

Nine credits of electives are required. These credits may be chosen from any mathematics or statistics course numbered 300 or above, excluding M 497 and STAT 497.

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 - Interdisciplinary Ways of Knowing or HONR 201US - Texts and Critics: Knowledge & Imagination I or HONR 301US - Texts and Critics II or US 101US - First Year Seminar	3	
HDFS 101IS - Indiv and Fam Dev: Lifespan	3	
M 171Q - Calculus I	4	
University and Core Electives	5	
WRIT 101W - College Writing I		3
M 172 - Calculus II or M 182 - Honors Calculus II		4
PHSX 205 - College Physics I		4
University Core and Electives		3
Year Total:	15	14

Sophomore Year	Credits	
	Fall	Spring
EDU 223IS - Educ Psych and Adolescent Dev	3	
EDU 370 - Integrating Tech into Educ	3	
M 221 - Introduction to Linear Algebra	3	
M 273 - Multivariable Calculus or M 283 - Honors 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 217 - Intermediate Statistical Concepts or STAT 337 - Intermediate Statistics with Introduction to Statistical Computing		3
University Core and Electives		3
Year Total:	16	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 347 - Managing the Learning Environment for K-12/Secondary	2	
EDSP 306 - Exceptional Learners		3
EDM 404 - Methods: 5-8 Mathematics		3
M 329 - Modern Geometry		3
Math/Stat(300+)		3
University Core and Electives		3
Year Total:	17	15

Senior Year	Credits	
	Fall	Spring
EDM 405 - Methods: 9-12 Mathematics	3	
EDP 304 - Practicum: 5-12/K-12	2	
EDP 305 - Practicum Lab: 5-12/K-12	1	
M 428 - Mathematical Modeling for Teachers	3	
Math/Stat(300+)	3	
University Core and Electives	3	
EDU 495R - Student Teaching		12
Year Total:	15	12
<b>Total Program Credits:</b>		<b>120</b>

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