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

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
or US 121US - Humanity, Society & Culture in the Digital Landscape
HDFS 101IS - Indiv and Fam Dev: Lifespan 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

EDU 223IS - Educ Psych and Adolescent Dev
or EDU 222IS Educ Psych and Child Development
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

EDU 382 - Assessmnt, Curric, Instructn 3
M 328 - Higher Math for Sec Teachers 3

Senior Year

Math/Stat (300+)
University Core and Electives
EDU 497R - Methods: 5-8 Mathematics 3
EDSP 306 - Exceptional Learners 3
M 329 - Modern Geometry 3
Math/Stat(300+)
University Core and Electives
Year Total: 15 15

Senior Year

EDU 395 - Practicum 3
EDU 497 - Methods 3
M 428 - Mathematical Modeling for Teachers 3
Math/Stat(300+)
University Core and Electives 3
EDU 408 - Professional Issues: K-12 2
EDU 495R - 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.