



University of Montana - Four-Year Academic Plan 2023-2024
College of Humanities and Sciences
Bachelor of Arts in Mathematics
Concentration in Mathematics Education

This is an example of a four year graduation plan for a degree in Mathematics with a concentration in Mathematics Education.
 Students should meet with an academic advisor prior to registration to formulate their own plan.

Year 1	Year 2	Year 3	Year 4
Fall	Fall	Fall	Fall
M 171 - Calculus I 4	M 221 - Intro to Linear Algebra 4	Math Elective or M 301 - Teaching Math with Technology (3-4 cr) 4	M 431 - Abstract Algebra I 4
Science Elective 3	Math Elective or M 301 - Teaching Math with Technology (3-4 cr) 4	STAT 342 - Prob. & Simulation, or STAT 451 - Statistical Methods I 3	M 439 - Euclidean and Non-Euclidean Geometry 3
WRIT 101 - Collge Writing I, or COMX 111A* - Intro Public Speaking 3	Science Elective 3	EDU 202 - Early Field Experience 1	EDU 407E - Ethics & Policy Issues 3
PSYX 100S* - Intro to Psychology 3	LIT 110L* - Intro to Literature 3	EDU 221 - Educational Psychology & Measurement 3	EDU 395 - Clinical Experience 1
Freshman Seminar 1	Elective (1-2 cr) 1	EDU 345 - Exceptionality & Classroom Management 3	EDU 497-12 Teaching & Assessing 3
Elective 1		Elective (1-2 cr) 1	
Credits 15	Credits 15	Credits 15	Credit 14
Spring	Spring	Spring	Spring
M 172 - Calculus II 4	M 307 - Intro to Abstract Mathematics 3	M 326 - Number Theory 3	EDU 494 - Seminar: Applied Research & Reflective Practice 1
Science Elective 3	Science Elective 3	M 429 - History of Mathematics 3	EDU 495 - Student Teaching 14
WRIT 101 - Collge Writing I, or COMX 111A* - Intro Public Speaking 3	HSTA 102H* - American History II 4	EDU 481 - Content Area Literacy 3	
NASX 105H* - Intro to Native American Studies 3	Elective 3	EDU 360 - Promoting Well-Being in P-12 Classrooms 2	
Elective 2	Elective 3	Elective 4	
Credits 15	Credits 16	Credits 15	Credits 15
Summer	Summer	Summer	Summer
Credits 0	Credits 0	Credits 0	Credits 0
Total Credits 30	Total Credits 61	Total Credits 91	Total Credits 120

Notes:

- Details regarding the Math and Science Electives are in the Catalog and on Degree Works. Choose these courses in consultation with your math advisor.
- The general education courses marked with a * are recommended but not required. To ensure that you meet all relevant requirements, replace them only after consultation with your math advisor.
- It is recommended that you apply to the Teacher Education Program at the start of Year 2 (since admission to the TEP is required before you can take EDU courses). Discuss this with your Math Faculty Mentor in the Spring of Year 1.

ElevateU Career Readiness Plan

GRADUATE CAREER-READY BY GETTING INVOLVED IN THE BELOW ACTIVITIES WHILE AT UM.

Discover how your strengths, values, and interests relate to career and education pathways.

- Take the Strong Interest Inventory or other career assessments to see what careers may be a good fit for you.*
- Download the Handshake app and activate your account to explore jobs*
- Attend “careers and opportunities” fairs and join a First Time at the Fair tour*
- Join student groups that align with your interests*
- Explore career options at What Can I Do With This Major? (click on “Major Exploration”)*
- Learn about specific occupations on O*Net Online
- Schedule an appointment for Career Planning and Major Exploration

EXPLORE
Pathways for you

Participate in experiential (hands-on) learning to refine your interests and goals.

- Seek and apply for internships or part-time jobs on Handshake*
- Participate in Volunteer Programs*
- Consider studying abroad or at another US university for a semester or year*
- Consider an internship abroad*
- Conduct undergraduate research at UM*
 - Secure a paid micro-internship
 - Participate in the Griz Career Skills Program
 - Schedule an appointment for Internship Search, International Internship Search, National Student Exchange, Job Search Strategies, and Handshake How-To

EXPERIENCE
and Grow

- Meet employers at career fairs and events*
- Develop a stellar resume and cover letter*
- Practice interview skills
- Learn how to negotiate your salary and benefits package
- Fine-tune your LinkedIn profile
- Apply for jobs, graduate/professional school, or national service
- Schedule an appointment for Resume, Cover letter, Interview Prep, Personal Statement, LinkedIn, Graduate School Planning

ELEVATE
to Your Career

Refine your personal brand and develop stand-out application materials to achieve your goals

EMBRACE
Your Goals

- Strengthen relationships with faculty and supervisors who can guide and recommend you*
 - Connect with alumni in fields or companies of interest through the Griz Career Network
 - Expand your network to gain insights and support through LinkedIn
 - Conduct career conversations with professionals in fields of interest
 - Gain industry and company-specific skills through free Forage job simulations
 - Schedule an appointment to discuss Networking Strategies, LinkedIn, Graduate School Planning
- Develop skills and network to help you pursue your goals**

YOUR CAREER SUPPORT OFFICES AT UM

Experiential Learning & Career Success (ELCS) is for all UM students!

Students in the following Schools and Colleges have additional access to the following career services:

- College of Business Career Development Center
- Career Trailhead professional readiness program
- College of Humanities and Sciences Career Planning Center
- Davidson Honors College Career Development Program
- School of Law Career Development Office
- Missoula College Career Services

