



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

This is an example of a four year graduation plan for a degree in Mathematics.  
 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 300+	3	Math Elective 300+	3
Science Elective	3	M 273 - Multivariable Calculus	4	Math Elective 300+	3	Math Elective 400+	3
General Education	4	Science Elective	3	M 300 - Undergrad Math Seminar	1	Elective	3
General Education	3	General Education	3	Science Elective	3	Elective	3
Freshman Seminar	1			Elective	3	Elective	3
				Elective	3		
Credits	15	Credits	14	Credits	16	Credit	15
Spring		Spring		Spring		Spring	
M 172 - Calculus II	4	M 307 - Intro to Abstract Math	3	Math Elective 300+	3	Math Elective 400+	3
M 210 - Intro Math Software	3	Science Elective	3	Math Elective 300+	3	Math Elective 400+	3
Science Elective	3	General Education	3	Science Elective	3	Elective	3
General Education	3	General Education	3	Elective	3	Elective	3
General Education	3	General Education	3	Elective	3	Elective	2
Credits	16	Credits	15	Credits	15	Credits	14
Summer		Summer		Summer		Summer	
Credits	0	Credits	0	Credits	0	Credits	0
<b>Total Credits</b>	<b>31</b>	<b>Total Credits</b>	<b>60</b>	<b>Total Credits</b>	<b>91</b>	<b>Total Credits</b>	<b>120</b>

**Notes:**

Rev 9/23

- This degree template can be adapted for students who are not ready to take M 171 (Calculus I) in their first semester.
- Up to 12 of the 18 credits in Science Electives can be replaced by a minor or a second major.
- Student can add a concentration in Applied Mathematics, Combinatorics & Optimization, Pure Mathematics or Statistics & Data Science by choosing part of their Math Electives from the chosen area. Students interested in Mathematics Education must follow the **degree template for Mathematics Education**.
- Details regarding the Math and Science Electives are in the Catalog and on Degree Works. Choose these courses in consultation with your math advisor.
- Details regarding the General Education course work are in the Catalog and on Degree Works. Choose these courses in consultation with an advisor. In particular, take WRIT 101 as early as possible.
- Students not completing the General Education language requirement must take one of several computer sciences courses as part of their Science Electives.
- 39 upper-division (300+ course) credits are required.

# 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](#)

