



**University of Montana - Four-Year Academic Plan 2024-2025**

College of Humanities and Sciences

**Bachelor of Science in Biology**

**Cellular & Molecular Biology Concentration**

This is a sample academic plan. 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	
BIOB 160/161N - Principles Living Systems/Lab	4	BIOB 260 - Cell & Molecular Biology	4	BCH 480 - Advanced Biochemistry I	3	Major Elective (Disease) Advanced Writing	3
CHMY 141N/142N - College Chemistry I/Lab	5	CHMY 221/222 - Organic Chemistry I/Lab	5	BIOB 301 - Developmental Biology	3	Major Elective (laboratory/research)	2
M 162 - Applied Calculus (or M 171 - Calculus I)	4	BIOM 360/361 - General Microbiology/Lab	5	PHSX 205N/206N - College Physics I/Lab	5	Chemistry Depth	4
Elective	1	Elective	1	Elective	4	General Education Requirement	3
						Upper Division Elective	3
Credits	14	Credits	15	Credits	15	Credit	15
Spring		Spring		Spring		Spring	
BIOB 170N/171N - Principles of Biological Diversity/Lab	5	BIOB 272 - Genetics & Evolution	4	BCH 482 - Advanced Biochemistry II	3	BIOB 425 - Advanced Cell & Molecular Biology	3
CHMY 143N/144N - College Chemistry II/Lab	5	CHMY 223/224 - Organic Chemistry II/Lab	5	BIOB 375 - General Genetics	3	Major Elective (Depth)	3
WRIT 101 - College Writing I	3	Intermediate Writing Course	3	PHSX 207N/208N - College Physics II/Lab	5	Major Elective (laboratory/research)	1
General Education Requirement	3	General Education Requirement	3	General Education Requirement	3	General Education Requirements	6
						Upper Division Elective	3
Credits	16	Credits	15	Credits	14	Credits	16
Summer		Summer		Summer		Summer	
Credits	0	Credits	0	Credits	0	Credits	0
<b>Total Credits</b>	<b>30</b>	<b>Total Credits</b>	<b>60</b>	<b>Total Credits</b>	<b>89</b>	<b>Total Credits</b>	<b>120</b>

# 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

