



University of Montana - Four-Year Academic Plan 2023-2024

College of Humanities and Sciences

Bachelor of Science in Microbiology

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 160N/161N - Principles Living Systems/Lab	4	BIOB 260 - Cell & Molecular Biology	4	BCH 480 - Advanced Biochemistry I (or BCH 380)	3	Major Elective (Depth)	5
CHMY 141N/142N - College Chemistry I/Lab	5	CHMY 221/222 - Organic Chemistry I/Lab	5	PHSX 205N/206N - College Physics I/Lab	5	BIOM 450/451 - Microbial Physiology/Lab - <i>offered odd fall</i>	4
M 162 - Applied Calculus (or M 171 - Calculus I)	4	BIOM 360/361 - General Microbiology/Lab	5	General Education Requirement	3	CHMY 311 - Analytical Chemistry	4
Elective	1	Elective	1	General Education Requirement	3	General Education Requirement	3
Credits	14	Credits	15	Credits	14	Credits	16
Spring		Spring		Spring		Spring	
BIOB 170N/171N - Principles of Biological Diversity/Lab	5	BIOB 272 - Genetics & Evolution	4	BCH 482 - Advanced Biochemistry II (or UD Major Elective/Adv Writing)	3	Major Elective (Depth)	5
CHMY 143N/144N - College Chemistry II/Lab	5	CHMY 223/224 - Organic Chemistry II/Lab	5	BIOM 415 - Microbial Diversity, Ecol, Evolution	3	BIOM 410/411 - Microbial Genetics/Lab - <i>offered even spring</i>	4
WRIT 101 - College Writing I	3	Intermediate Writing Course	3	PHSX 207N/208N - College Physics II/Lab	5	Upper Division Elective	3
General Education Requirement	3	STAT 216 - Intro to Statistics	4	General Education Requirement	3	General Education Requirement	3
Credits	16	Credits	16	Credits	14	Credits	15
Summer		Summer		Summer		Summer	
Credits	0	Credits	0	Credits	0	Credits	0
Total Credits	30	Total Credits	61	Total Credits	89	Total Credits	120

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

