



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

College of Humanities and Sciences

Bachelors of Science in Chemistry: Environmental Chemistry Option

This is an example of a four year graduation plan for a degree in Chemistry, Environmental Option.

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	
<b>Fall</b>		<b>Fall</b>		<b>Fall</b>		<b>Fall</b>	
CHMY 141/142 - College Chemistry I /Lab	5	CHMY 221 - Organic Chemistry I	3	CHMY 373 - PHYS Chem-Kntcs & Thrmodynms	4	CHMY 401 - Advanced Inorganic Chemistry	4
BIOB 160/161 - Principle of Living Systems /Lab	4	CHMY 222 - Organic Chemistry I Lab	2	CHMY 311 - Analytical chem-Quant Analysis	4	BCH 480 - Advanced Biochemistry I	4
M 171 - Calculus I	4	PHSX 215/216 - Funds of Physics w/ Calc I w/Lab	5	Intermediate Writing	3	GEO 320 - Global Water	3
WRIT 101 - College Writing	3	BIOB 260 - Cellular & Molecular Biology	4	General Education Requirements	6	STAT 451/457 - Statistical Methods I / Computer Data Analysis I	3
Credits	16	Credits	14	Credits	17	Credit	14
<b>Spring</b>		<b>Spring</b>		<b>Spring</b>		<b>Spring</b>	
CHMY 143/144 - College Chemistry II / Lab	5	CHMY 223 - Organic Chemistry II	3	CHMY 421 - Advanced Instrument Analysis	4	STAT 452 - Statistical Methods II	3
GEO 101/102 - Introduction to Physical Geology /Lab	4	CHMY 224 - Organic Chemistry II Lab	2	GEO 327 - Geochemistry	4	Advanced Electives	6
M 172 - Calculus II	4	PHSX 217/218 - Funds of Physics w/ Calc II w/Lab	5	General Education Requirements	6	General Education Requirements	6
General Education Requirement	3	BIOB 272 - Genetics & Evolution	4				
Credits	16	Credits	14	Credits	14	Credits	15
<b>Summer</b>		<b>Summer</b>		<b>Summer</b>		<b>Summer</b>	
Credits	0	Credits	0	Credits	0	Credits	0
<b>Total Credits</b>	<b>32</b>	<b>Total Credits</b>	<b>60</b>	<b>Total Credits</b>	<b>91</b>	<b>Total Credits</b>	<b>120</b>

Notes:

See catalog or H&S Advising Office for more details.

# 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

