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

**College of Humanities and Science**

**Bachelor of Science in Chemistry - Pharmacology Concentration**

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

This is a sample academic plan. Students should meet with an academic advisor prior to registration to formulate their own plan.

#### Year 1

<table>
<thead>
<tr>
<th>Fall</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHMY 141/142 - College Chemistry I/Lab</td>
<td>CHMY 221 - Organic Chemistry I</td>
<td>CHMY 373 - Phys Chem-Kntcs &amp; Thrdynmcs</td>
<td>CHMY 401/402 - Advanced Inorganic Chemistry</td>
</tr>
<tr>
<td>M 171 - Calculus I</td>
<td>PHSX 215/216 - Funds of Physics w/ Calculus I w/ Lab</td>
<td>PHAM 421 - Medicinal Chem I</td>
<td>PHAR 443 - Pharmacology &amp; Toxicol I</td>
</tr>
<tr>
<td>WRIT 101 - College Writing</td>
<td>BIOB 260 - Cellular &amp; Molecular Biology</td>
<td>General Education Requirement</td>
<td>General Education Requirement</td>
</tr>
<tr>
<td>WRIT 101 - College Writing</td>
<td>BIOB 260 - Cellular &amp; Molecular Biology</td>
<td>General Education Requirement</td>
<td>General Education Requirement</td>
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<tr>
<td>Credits: 16</td>
<td>Credits: 14</td>
<td>Credits: 17</td>
<td>Credits: 15</td>
</tr>
</tbody>
</table>

#### Year 2

<table>
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<tr>
<th>Spring</th>
<th>Spring</th>
<th>Spring</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td>CHMY 143/144 - College Chemistry II/Lab</td>
<td>CHMY 223 - Organic Chemistry II</td>
<td>CHMY 421 - Advanced Instrument Analysis</td>
<td>BCH 482 - Advanced Biochemistry II</td>
</tr>
<tr>
<td>CSCI 150- Intro to Programming</td>
<td>CHMY 224 - Organic Chemistry II Lab</td>
<td>PHAR 422 - Medicinal Chem II</td>
<td>BCH 486 - Biochemistry Research Lab</td>
</tr>
<tr>
<td>M 172 - Calculus II</td>
<td>PHSX 217/218 - Funds of Physics w/ Calculus II w/ Lab</td>
<td>Intermediate Writing</td>
<td>PHAR 444 - Pharmacology &amp; Toxicol II</td>
</tr>
<tr>
<td>General Education Requirements</td>
<td>BIOB 272 - Genetics &amp; Evolution</td>
<td>General Education Requirements</td>
<td>General Education Requirement</td>
</tr>
<tr>
<td>Credits: 15</td>
<td>Credits: 14</td>
<td>Credits: 16</td>
<td>Credits: 13</td>
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#### Year 3

<table>
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<th>Summer</th>
<th>Summer</th>
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<tbody>
<tr>
<td>Credits: 15</td>
<td>Credits: 14</td>
<td>Credits: 16</td>
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</table>

#### Year 4

<table>
<thead>
<tr>
<th>Fall</th>
<th>Fall</th>
<th>Fall</th>
<th>Fall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credits: 0</td>
<td>Total Credits: 31</td>
<td>Total Credits: 59</td>
<td>Total Credits: 92</td>
</tr>
</tbody>
</table>

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

Rev 5/19
ElevateU Career Readiness Plan

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

**EXPLORE**
Pathways for you
- 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

**EXPERIENCE**
and Grow
- 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

**ELEVATE**
to Your Career
- Refine your personal brand and develop stand-out application materials to achieve your goals.
- 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

**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

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

The elements of ElevateU can be done in any order. For the best outcomes, we recommend getting started with items marked with a * in your first two years, though most of them can be done at any time.