



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

College of Health

Bachelor of Science - Pharmaceutical Sciences; Non-Professional Concentration

This is an example of a four year graduation plan for a degree in

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	
BIOH 112 Human Form & Function	3	BIOB 260 Cell & Molecular Biology	4	PHAR 341 Pharmaceutical Pathophysiology I	4	PHAR 421 Medicinal Chemistry I	3
CHMY 141 & 142 College Chemistry I & lab	5	CHMY 221 & 222 Organic Chemistry I & lab	5	PHAR 381 Pharmaceutical Biochemistry	4	PHAR 432 Clinical Pharmacokinetics	3
* M 162 Applied Calculus	4	* & STAT 216 Intro to Statistics	4	General Education Requirement -Ethics	3	PHAR 443 Pharmacology & Toxicology I	4
^ WRIT 101	3	* LIT 110L Intro to Literature OR LIT 120L Intro to Poetry (General Education Requirements Groups Int. Writing & V)	3	Elective	3	Elective	3
Elective	1	Elective	1				
Credits	16	Credits	17	Credits	14	Credit	13
Spring		Spring		Spring		Spring	
BIOH 113 Human Form & Function	3	CHMY 223 Organic Chemistry II	3	PHAR 329 Micobes & Medicines	4	PHAR 422 Medicinal Chemistry II	3
CHMY 143 & 144 College Chemistry I & lab	5	* PHSX 205N & 206N College Physics & lab	5	PHAR 331 Pharmaceutics	4	PHAR 444 Pharmacology & Toxicology I	4
* PSYX 100S or SOCI 101S Intro to Psychology or Sociology	3	* THTR 120A or COMX 111A Intro to Acting or Public Speaking	3	PHAR 342 Pharmaceutical Pathophysiology II	4	PHAR 494 Seminar	1
* ANTY 101H Anthropology & the Human Experience OR NASX 105H Intro to Native American Studies (General Education Requirements Groups VI & X)	3	* ANTY 122S Race & Minorities, HSTR 101H Western Civilization, OR HSTA 101H American History I (General Education Requirement Group IX)	3	Elective	2	General Education Requirement -Upper Division Writing	3
Elective	2	Elective	2			Elective	3
Credits	16	Credits	16	Credits	14	Credits	14
Summer		Summer		Summer		Summer	
Credits	0	Credits	0	Credits	0	Credits	0
Total Credits	32	Total Credits	65	Total Credits	93	Total Credits	120

Notes:
 See catalog or BMED Advising Office for more details. Minimum Required Grade: C-
 ^ Students with last names A-L will take WRIT 101 in FALL; Students with last names M-Z will take WRIT 101 in SPRING
 * Can be taken any semester during freshman or sophomore year.
 & Other approved statistics courses include PSYX 222-Psychological Statistics or SOCI 202-Social Statistics.

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](#)

