



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

College of Humanities and Sciences

Bachelor of Arts in Physics, Teaching Concentration

This is an example of a four year graduation plan for a degree in Physics with a Concentration in Teaching Physics.

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	
PHSX 215N/216N - Fund of Physics w/calc I /Lab	5	PHSX 311 - Oscillation & Wave	2	CHMY 141N/142N - College Chemistry I/Lab	5	GEO 101N/102N - Introduction to Physical Geology/Lab	4
M 171 Calculus I	4	PHSX 343 - Modern Physics	3	BIOB 260 - Cellular and Molecular Biology	4	CHMY 485 - Laboratory Safety	1
PHSX 101 - Freshman Physics Experience	1	M 273 - Multivariable Calculus	3	Elective	3	HEE 233 -	3
ASTR 131N/134N - Planetary Astronomy/Lab	4	ASTR 351 - Planetary Sciences	3	General Education Requirement	4	EDU 221 - Ed Rpsych & Measurement	3
HUSC 194 - H&S Freshman Seminar	1	BIOB 160N/161N - Principles of Living Systems/Lab	3			EDU 345 - Excptnlty & Clsrm Mgmt	3
						EDU 202 - Early Field Experience	1
Credits	15	Credits	14	Credits	16	Credit	15
Spring		Spring		Spring		Spring	
PHSX 217N/218N - Fund of Physics w/calc II /Lab	5	PHSX 301 - Intro Theoretical Physics	3	CHMY 143N/144N - College Chemistry II/Lab	5	EDU 370 - IntegTech into Educ	3
M 172 - Calculus II	4	PHSX 330 - Communicating Physics	3	BIOB 272 - Genetics and Evolution	4	EDU 395 - Clinical Experience	1
WRIT 101 - College Writing	3	M 311 - Ordinary Differential Equations and Systems	4	Elective	3	EDU 407E - Ethics & Policy Issue	3
General Education Requirement	3	STAT 341 - Introduction to Probability and Statistics	3	General Education Requirement	3	EDU 481 - Content Area Literacy	3
		General Education Requirement	3			EDU 497 - Teaching and Assessing	4
Credits	15	Credits	16	Credits	15	Credits	14
Summer		Summer		Summer		Summer	
Credits	0	Credits	0	Credits	0	Credits	0
Total Credits	30	Total Credits	60	Total Credits	91	Total Credits	120

Notes:

See catalog or 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

