



University of Montana - Four-Year Academic Plan 2024-2025

Name of College (i.e. College of Humanities and Sciences)

Degree BA Physics Engineering Physics (start in Pre-Calc instead of Calc I-alternate plan)

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
1 Physics 101	PHSX 215 Fundamentals of Physics I with Calc	Physics 311 Oscillations and Waves	Physics 323 Intermediate Laboratory
3 Intro to Engineering	PHSX 216 Physics laboratory I with Calc.	Physics 343 Fundamentals of Modern	Physics 423 Electromagnetism I
4 M 151 Precalculus	M 172 Calculus II	MZ74 Intro to Differential Equations	Physics 461 Quantum Mechanics
3 Writ 101 (enrollment depends on last name)	EGEN 201 Engineering Statics	Gen Ed	Physics 499 Capstone Seminar
4 Gen Ed	General Ed	UD course	Gen Ed
15 Credits	15 Credits	15 Credits	15 Credits
Spring	Spring	Spring	Spring
4 M 171 Calculus I	Physics 217 Fundamentals II with calc	Physics 301 Intro to Theoretical	Physics 446 Thermodynamics and Stat Mech
3 CSCI 150 or CSCI 151 with placement exam	Physics 218 laboratory II with calc	EEL 201 Circuits I	EGEN 335 or PHSX elective
3 Writ 101 College Writing (if not taken in sem. 1)	M 273 Multivariable Calculus	Physics 320 Classical Mechanics	UD course
3 Gen Ed	EGEN 202 Dynamics	Physics 330 Communicating Physics	Gen Ed
2 Elective	Gen Ed	Elective	Gen Ed
15 Credits	15 Credits	15 Credits	15 Credits
Summer	Summer	Summer	Summer
0 Credits	0 Credits	0 Credits	0 Credits
30 Total Credits	60 Total Credits	90 Total Credits	120 Total Credits

Notes:

See catalog or DBS Advising Office for more details.

Rev

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

- 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

Refine your personal brand and develop stand-out application materials to achieve your goals

- 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

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

- 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

EMBRACE Your Goals

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!

- Davidson Honors College Career Development Program
- School of Law Career Development Office
- Missoula College Career Services

