



University of Montana - Four-Year Academic Plan 2024-2025
 Name of College (i.e. College of Humanities and Sciences)
BA Physics Engineering Physics

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	
Physics 101 Freshman Physics Experience	1	Physics 311 Oscillations and Waves	2	Physics 461 Quantum Mechanics I	3	Physics 423 Electromagnetism I	3
Physics 215 Fundamentals of Physics I with calc	4	Physics 343 Fundamentals of Modern Phsx	3	Intermediate Lab Physics 323	3	Senior Capstone Seminar Physics 499	1
Physics 216 Laboratory I with calculus	1	EGEN 201 Engineering Statics	3	M 274 Intro to Differential Equations	3	Upper Division Course	3
M 171 Calculus I	4	M 273 Multivariable Calculus	4	Gen Ed	6	General Elective Course	3
Egen 101 Intro to Engineering Elective or Gen Ed	3	Gen Ed Course	3			Electives	5
	2						
Credits	15	Credits	15	Credits	15	Credits	15
Spring	Spring	Spring	Spring	Spring	Spring	Spring	Spring
Physics 217 Fundamentals of Physics II with calc	4	Physics 301 Intro to Theoretical Physics	3	EGEN 335	3	Physics 446 Thrmodynamics and Stat Mech	3
Physics 218 Physics Laboratory II with Calculus	1	Egen 202 Dynamics	3	Physics 330 Communicating Physics	3	Physics 444 Advanced Lab	3
M 172 Calculus II	4	EELLE 201 Circuits I	4	Gen Ed	6	Upper division	3
CSCI 150 or CSCI 151 with placement exam	3	Gen Ed	5	UD course	3	Electives	6
Writ 101 (semester depends on last name)	3						
Credits	15	Credits	15	Credits	15	Credits	15
Summer	Summer	Summer	Summer	Summer	Summer	Summer	Summer
Credits	0	Credits	0	Credits	0	Credits	0
Total Credits	30	Total Credits	60	Total Credits	90	Total Credits	120

Notes:

See catalog or DBS Advising Office for more details.

PHSX 461, EGEN 335= Physics electives. PHSX 330 offered alternate years, take as a junior or senior

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

