



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

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

Name of Degree **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	3	Gen Ed Course	3			Electives	5
Elective or Gen Ed	2						
Credits	15	Credits	15	Credits	15	Credits	15
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	EELE 201 Circuts 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	
Credits	0	Credits	0	Credits	0	Credits	0
<b>Total Credits</b>	<b>30</b>	<b>Total Credits</b>	<b>60</b>	<b>Total Credits</b>	<b>90</b>	<b>Total Credits</b>	<b>120</b>

**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*

**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

