### 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.

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td><strong>Fall</strong></td>
<td><strong>Fall</strong></td>
<td><strong>Fall</strong></td>
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<tr>
<td>Physics 101 Freshman Physics Experience</td>
<td>1</td>
<td>Physics 311 Oscillations and Waves</td>
<td>2</td>
</tr>
<tr>
<td>Physics 216 Laboratory I with calculus</td>
<td>1</td>
<td>EGEN 201 Engineering Statics</td>
<td>3</td>
</tr>
<tr>
<td>M 171 Calculus I</td>
<td>4</td>
<td>M 273 Multivariable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>Egen 101 Intro to Engineering</td>
<td>3</td>
<td>Gen Ed Course</td>
<td>3</td>
</tr>
<tr>
<td>Elective or Gen Ed</td>
<td>2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Credits | 15 | Credits | 15 | Credit | 15 |

| **Spring** | **Spring** | **Spring** | **Spring** |
| Physics 217 Fundamentals of Physics II with calc | 4 | Physics 301 Intro to Theoretical Physics | 3 | EGEN 335 |
| Physics 218 Physics Laboratory II with Calculus | 1 | Egen 202 Dynamics | 3 | Physics 330 Communicating Physics |
| M 172 Calculus II | 4 | EELE 201 Circuits I | 4 | Gen Ed |
| CSCI 150 or CSCI 151 with placement exam | 3 | Gen Ed | 5 | UD course |
| Writ 101 (semester depends on last name) | 3 | | 3 | Electives |

| Credits | 15 | Credits | 15 | Credits | 15 |

| **Summer** | **Summer** | **Summer** | **Summer** |

| Credits | 0 | Credits | 0 | Credits | 0 |

| Total Credits | 30 | Total Credits | 60 | Total Credits | 90 |

**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
EXPLORE Pathways for you

- 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

EXPERIENCE and Grow

- 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

ELEVATE to Your Career

- Elevate to Your Career
- 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

EMBRACE 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

Refine your personal brand and develop stand-out application materials to achieve 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
- Davidson Honors College Career Development Program
- Career Trailhead professional readiness program
- School of Law Career Development Office
- College of Humanities and Sciences Career Planning Center
- Missoula College Career Services

The elements of ElevateU can be done in any order. For the best outcomes, we recommend getting started with items marked with a * in your first two years, though most of them can be done at any time.