# PHYSICS

## MAJOR MAP 2024

| | GETTING STARTED | MAKING PROGRESS | MAKING PROGRESS | PREPARING FOR WHAT'S NEXT |
|---|---|---|---|---|
| **YOUR COURSE JOURNEY** | • Start the calculus sequence<br>• Explore the foundations of physics in PHYS 111: Seminar and PHYS 240/250: University Physics<br>• Establish a 4-year plan with your adviser<br>• Take relevant General Education Program (GEP) courses<br>• Ask for help from the Tutoring-Learning Center (TLC) and your professors | • Take an upper-level course in your area of interest<br>• Consider a minor, certificate, or area of concentration<br>• Review your 4-year plan to stay on track for graduation | • Take PHYS 388: Research Participation<br>• Take a course outside your area of interest to broaden your perspective<br>• Pursue a specific career path OR explore many areas of Physics | • Check the requirements and apply for graduation |
| **KNOWLEDGE AND SKILLS** | • Cultivate relationships with physics faculty<br>• Talk to your Physics professors about opportunities and careers<br>• Explore extracurriculars at UWSP<br>• Talk to a faculty member about undergraduate research | • Learn a specialized skill in a related area of study<br>• Talk to a faculty member about undergraduate research | • Consider being a teaching assistant or tutor for a physics class<br>• Present your research at the College of Letters and Science Symposium | • Present your research at the College of Letters and Science Symposium<br>• Participate in a regional/national research conference |
| **ACT LOCALLY AND GLOBALLY** | • Seek out volunteer opportunities related to science<br>• Consider picking up a second language<br>• Join a student club/organization in your field of interest<br>• Consider studying abroad<br>• Apply for department scholarships | • Take courses that broaden your perspective<br>• Look into a study abroad or national exchange program<br>• Consider working in the campus planetarium or observatory<br>• Apply for department scholarships | • Seek out external research/ internship opportunities<br>• Look to gain experience not only in science but also communication and writing | • Talk with a mentor about graduate study or work experience opportunities<br>• Seek out volunteer opportunities related to science |
| **CAREER READINESS** | • Learn about careers in physics in the Introduction to Physics Seminar<br>• Look for a job on campus using Quest<br>• Create a college resume<br>• Complete your Handshake profile<br>• Learn about and practice networking by attending a Networking Workshop or the All-Major Career and Internship Fair | • Seek out experience in a research lab or a summer internship<br>• Conduct an informational interview or job shadow with someone who works in a field of interest<br>• Further develop application materials, including a cover letter, more curated Handshake profile, and/or creating a LinkedIn profile<br>• Conduct a Gap Analysis | • Apply to summer jobs or volunteer opportunities related to physics<br>• Talk with a Career Coach about resume building and interviewing tips<br>• If considering graduate school, research your options and understand testing requirements and application timelines<br>• Pursue opportunities at the All-Major Career and Internship Fair | • Look for jobs that honor your interests, skills, & values<br>• Solidify references and invite them to review your application materials<br>• Meet with your major's Career Coach to work through stuck points<br>• Complete the Graduation Exit Survey when you receive it via email; we want to celebrate your accomplishments! |

### CAREERS

- Applications Engineer
- Chemist
- Contractor
- Combat Engineer
- Researcher
- System Administrator
- Teacher
- Quality Analyst
- Data Scientist
- Health Physics Specialist
- Laser Physicist

**and many more!**

### AVAILABLE ONLINE

**Major Map documents are available online with additional information!**

*The staff and faculty at the University of Wisconsin Stevens Point want to help you craft your personal journey. Use this map as a jumping off point for conversations about your goals.*