MATHEMATICS

MAJOR MAP 2024

	GETTING STARTED	MAKING PROGRESS	MAKING PROGRESS	PREPARING FOR WHAT'S NEXT
YOUR COURSE JOURNEY	• Take Calculus Courses and Natural Science or Computing Courses • Consider which type of mathematics major is most interesting to you • Apply for SMCPA scholarships each year	• Complete Foundation Courses in the major • Explore minor options such as Computer Information Systems, Web Development, Physics, Astronomy, Economics, Philosophy, Music, Data Analytics	• Take Core and Applied Mathematics Courses, commonly two per semester • Determine your major elective courses with your faculty adviser	• Complete the remaining 300-level courses in the major • Apply for graduation
KNOWLEDGE AND SKILLS	• Develop skills in mathematical modeling, in problem solving, and in using mathematical language • Visit the STEM Tutoring Center or utilize other tutoring options from the Tutoring-Learning Center (TLC) for support in multiple classes	• Continue to develop pattern recognition, communication skills, and a variety of mathematical techniques • Consider tutoring in the MathPad or the TLC as a great way to solidify your own mathematical knowledge and communication skills while supporting others	• Develop advanced skills in modeling and using mathematical language • Consider presenting undergraduate research at the CoLS Research Symposium or a regional mathematics conference such as the MAA Wisconsin Section Meeting or the undergraduate regional Pi Mu Epsilon Conference	• Recognize interconnected ideas in mathematics and discover connections between mathematics and other disciplines • Consider an independent study course to deepen your understanding of a specific area of your major and/or minor
ACT LOCALLY AND GLOBALLY	• Join the Math Club or other student organizations of interest • Look into a study abroad program	• Consider taking the Putnam Seminar (Math 395) and the national Putnam Mathematical Competition in any fall semester • Consider studying abroad	• Explore Research Experience for Undergraduates (REU) programs of interest • Contribute to volunteer efforts in the community	• Apply your experiences to your job or grad program application materials • Network with UWSP Alumni on LinkedIn • Join relevant professional associations. Take advantage of virtual and in-person networking opportunities
CAREER READINESS	• Look for a job on campus using Quest • Create a college resume • Complete your Handshake profile • Learn about and practice networking by attending a Networking Workshop or the All-Major Career and Internship Fair	• Explore requirements for graduate programs and full-time jobs which use mathematics • Conduct an informational interview or job shadow with someone who works in a field of interest • Further develop application materials, including a cover letter, more curated Handshake profile, and/or creating a LinkedIn profile • Conduct a Gap Analysis	• Attend an Interviewing Workshop; seek additional preparation tools • Gain internship or similar work experience in your field. A position using analytical thinking is productive • If considering graduate school, research your options and understand testing requirements and application timelines • Pursue opportunities at the All-Major Career and Internship Fair	• Start job searching or apply to graduate programs. Solidify primary targets and refine your materials • Confirm references and invite them to review your application materials • Meet with your major's Career Coach to work through stuck points • Complete the Graduation Exit Survey when you receive it via email; we want to celebrate your accomplishments!

CAREERS

- Data Engineer
- Accountant
- Operations Planning Analyst
- Data Analyst
- Predictive Modeler
- Buyer
- Production Manager
- Statistical Analyst
- Statistician
- Estimator

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.