

MATHEMATICS EDUCATION

MAJOR MAP 2024



GETTING STARTED

YOUR COURSE JOURNEY

- Take Calculus courses and General Education courses, and consider Educ 205
- Declare your “teaching intent” with the School of Education
- Consider which type of mathematics major is most interesting to you
- Apply for SMCPA scholarships each year

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

ACT LOCALLY AND GLOBALLY

- Join the Math Club or other student organizations of interest
- Look into a study abroad program

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
- Conduct a Gap Analysis

MAKING PROGRESS

- Complete Foundation Courses in the major, and the Education courses for all teaching majors
- Consult the School of Education Advising Guide
- Talk to your faculty adviser or one of your math professors about when MEd 335, Math/MEd 340, and Math/MEd 350 will be offered next. Take them during your last three semesters before student teaching

- Continue to develop pattern recognition, communication skills, and a variety of mathematical techniques
- Consider adding an undergraduate certificate to your studies
- Use your time in practicum experiences to start to develop your teaching philosophy
- Consider tutoring in the MathPad or the TLC as a great way to solidify your own mathematical knowledge and communication skills while supporting others

- Consider taking the Putnam Seminar (Math 395) and the national Putnam Mathematical Competition in any fall semester
- Consider studying abroad

- Visit K-12 classrooms as part of your UWSP classes with a goal of preparing to teach and gaining the perspective of a teacher
- Explore requirements for graduate programs and full-time jobs which use mathematics
- Further develop application materials, including a cover letter, more curated Handshake profile, and/or creating a LinkedIn profile

MAKING PROGRESS

- Apply to the Professional Education Program
- Continue taking Core Courses
- Determine your major elective courses with your faculty adviser
- Talk to your faculty adviser or one of your math professors about when to take Abstract Algebra (Math 331 or 332)
- Consult with the School of Education to determine when to take Educ 385

- Develop advanced skills in modeling and using mathematical language
- Consider presenting undergraduate research at the CoLS Research Symposium or at the Wisconsin Mathematics Council (WMC) annual conference at Green Lake

- Volunteer on campus at College Days for Kids, STEM Days for Girls and for Boys, or the Science Olympiad
- Contribute to volunteer efforts in the community at United Way, the Boys and Girls Club, or the YMCA

- Attend an Interviewing Workshop; seek additional preparation tools
- Apply for student teaching through the School of Education
- Create an account in WECAN to apply for teaching positions
- Pursue networking and employment opportunities at a Career Fair and with UWSP alumni who work in education
- If considering graduate school, research your options and understand testing requirements and application timelines

PREPARING FOR WHAT'S NEXT

- Complete the remaining courses in the major
- Apply for graduation

- 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

- 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

- Start job searching; Solidify primary targets and refine your materials
- Confirm references and invite them to review your application materials
- Apply for a teaching license once requirements are met.
- Make connections during your student teaching assignment(s) to build your professional network
- Complete the Graduation Exit Survey; we want to celebrate your accomplishments!

CAREERS

- High School Math Teacher
- Middle School Math Teacher

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.