## Applied Computing

**Major Map 2024**

### Your Course Journey
- Start 300-level classes in your major
- Complete any remaining general elective courses
- Start 400-level classes

### Knowledge and Skills
- Develop basic skills in computing: programming, database, and general business skills
- Follow the [Software Engineer](#)
- Apply for a SMCPA scholarship
- Ask for help, as needed, from the Tutoring/Learning Center (TLC) to ensure success in your classes
- Focus on developing intermediate skills in your major
- Start creating a portfolio or repository of your work
- Focus on advanced skills
- Consider additional professional certifications in security, information assurance, or other relevant areas
- Continue building out your portfolio or repository

### ACT Locally and Globally
- Join a local computing organization (ACM, AITP, Coding Group)
- Volunteer with a K-12 programming, robotics, or esports club
- Explore and apply for department scholarships
- Serve as an officer in your local computing organization, or take a leadership role in the planning and running of a local computing event
- Volunteer your technical expertise with a local nonprofit or other organization of interest to you
- Network with UWSP and APC alumni using LinkedIn and other online resources
- Join relevant professional associations; take advantage of virtual and in-person networking opportunities

### Career Readiness
- 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 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 interview preparation tools
- Gain internship or similar work experience in your field
- Pursue opportunities at the All-Major Career and Internship Fair
- Talk with mentors about your next steps; if considering graduate school, research your options and understand the application timeline
- Start job searching; solidify primary targets and refine materials to fit
- Solidify 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; we want to celebrate your accomplishments!

### Careers
- Software Developer
- Application/Full-stack Developer
- Database Administrator
- IT Business Analyst
- Network/Systems Administrator
- Project Manager
- Web Developer
- Software Engineer

### Available Online
Major Map documents are available online with additional information!