

MATHEMATICS SECONDARY EDUCATION COUGAR MAP



Saint Xavier
UNIVERSITY

BACHELOR OF SCIENCE: MATHEMATICS SECONDARY EDUCATION MAJOR AND MINOR

The Cougar Map is intended to guide you with suggestions for potential activities and career paths that can help you along your educational journey. Although everyone has different abilities, experiences and obstacles, this Cougar Map can be used with the help of your advisors to prepare for the future you want with a clear vision of your college-to-career pathway.

Please refer to the SXU Academic Catalog and academic planning resources for detailed degree requirements.

FIRST YEAR

SECOND YEAR

THIRD YEAR

FOURTH YEAR

	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
Competence (major/minor, summer suggestions, academic research)	Get to know your advisor. Consult the Learning Center/Writing Studio for tutoring in any challenging courses. Consider applying for the Edwin J. and Mildred B. Keene Mathematics Scholarship.	Become familiar with the HUB and CIDAT for all your technical needs. Apply for the Catherine H. Malin Scholarship. Consider pursuing a minor.	Apply for the Sylvia M. Schlunk Award. Consider summer courses to catch up or get ahead in your education.	Begin work on your topic for your Senior Seminar independent research project. Collaborate with faculty on possible research opportunities.
Character (Service, global perspective, study abroad, clubs/RSOs, volunteering)	Consider joining a student club or intramural sports team. Enroll in Cougars LEAD that supports leadership development and begin working on your leadership certificate.	Explore opportunities to work on campus or get involved with service opportunities through Campus Ministry. Participate actively in registered student organizations, such as Archimedean Math Club, Education Club or the Saint Xavier Council.	Apply for a leadership role within the Archimedean Math Club or Education Club. Consider participating in a spring break service trip or study abroad. Volunteer at a local math teacher conference or a regional high school math contest.	Join professional organizations such as the National Council of Teachers of Mathematics (NCTM), Illinois Council of Teachers of Mathematics (ICTM), and the Metropolitan Mathematics Club of Chicago (MMC). Look for opportunities to use your advanced mathematical skills.
Career Success (career or grad school prep, internships, jobs)	Create your profile and apply for on-campus employment on Handshake or look for part-time jobs to build your resume with the help of Center for SUCCESS. Attend SXU's career-related events throughout your time at SXU and network with professionals.	Create a LinkedIn profile and make connections within your academic and personal circles. Become a tutor in the Learning Center or within the Math Department. Apply for relevant work experience in areas of interest that will help build your quantitative and teaching skills.	Apply for a summer internship working with high school students in a variety of settings or one that will give you experience tutoring or reaching. Attend professional development opportunities to connect with practicing teachers in the area.	Network with alumni and current teaching professionals. Explore entry-level full-time opportunities related to your skills. Apply to graduate schools, if applicable.