

Student Success Map for **MATH BS** Concentration in Pure Math

	First Year	Middle Years	Final Year
Create Classroom Success	<ul style="list-style-type: none"> <input type="checkbox"/> Meet with your Math Department Advisor to review major requirements <input type="checkbox"/> Take Calculus I & II <input type="checkbox"/> Take Transition to Advanced Mathematics <input type="checkbox"/> Tour the CORD and Champions' Hall to locate tutoring centers 	<ul style="list-style-type: none"> <input type="checkbox"/> Talk to a professor about your career plans, a research project, and/or grad school <input type="checkbox"/> Check in with your Math Department Advisor on your degree progress <input type="checkbox"/> Take Programming Foundations, Calculus III and other advanced math courses 	<ul style="list-style-type: none"> <input type="checkbox"/> Meet with your Math Department Advisor to confirm you are ready to graduate <input type="checkbox"/> Take the Mathematics Major Seminar, Number Theory, Complex Variables and Advanced Calculus I & II
Find Campus Belonging	<ul style="list-style-type: none"> <input type="checkbox"/> Attend HillFest in September <input type="checkbox"/> Join an RSO and/or read the "One Community, One Book" selection <input type="checkbox"/> Join the Math Club <input type="checkbox"/> Tour the 3rd floor of SCEN to find the math majors' lounge, library and computer lab 	<ul style="list-style-type: none"> <input type="checkbox"/> Increase your involvement in an RSO <input type="checkbox"/> Volunteer with the Arkansas Math Discovery Day <input type="checkbox"/> Continue to be involved in Math Club 	<ul style="list-style-type: none"> <input type="checkbox"/> Mentor a first-year student <input type="checkbox"/> Take on a leadership role in an RSO
Make Local & Global Connections	<ul style="list-style-type: none"> <input type="checkbox"/> Find a service project on GivePulse <input type="checkbox"/> Check out options for Study Abroad <input type="checkbox"/> Attend MASC Undergrad Colloquia <input type="checkbox"/> Attend the weekly Math Department coffee hour in SCEN 350 	<ul style="list-style-type: none"> <input type="checkbox"/> Explore on-campus jobs, especially Math Department tutoring, grading, or office work <input type="checkbox"/> Study Abroad 	<ul style="list-style-type: none"> <input type="checkbox"/> Attend MASC Undergrad Colloquia <input type="checkbox"/> Attend Spring Lecture Series events <input type="checkbox"/> Create professional social networking accounts, like LinkedIn, and add classmates & part UofA math graduates
Build Career Ready Skills	<ul style="list-style-type: none"> <input type="checkbox"/> Take the Career Readiness Assessment <input type="checkbox"/> Find a mentor <input type="checkbox"/> Explore the STEM Education program <input type="checkbox"/> Via the UofA, download free software, like MathLab, Mathematica, etc. 	<ul style="list-style-type: none"> <input type="checkbox"/> Complete the Career Launch program <input type="checkbox"/> Explore the PACE microcertificate and/or UA Career Ready Badge <input type="checkbox"/> Go to professors' office hours to build relationships and your network 	<ul style="list-style-type: none"> <input type="checkbox"/> Take the Career Readiness Assessment <input type="checkbox"/> Complete an internship <input type="checkbox"/> Complete an REU
Prep for Post-Graduation	<ul style="list-style-type: none"> <input type="checkbox"/> Talk to a Career Coach about on-campus and/or summer jobs <input type="checkbox"/> Create LinkedIn & Handshake profiles <input type="checkbox"/> Make an affordability plan with a financial aid counselor 	<ul style="list-style-type: none"> <input type="checkbox"/> Complete a Challenge Card assessment <input type="checkbox"/> Attend the STEM Career Fair <input type="checkbox"/> Explore Careers for Math SharePoint site <input type="checkbox"/> Apply for college and departmental scholarships 	<ul style="list-style-type: none"> <input type="checkbox"/> Attend the STEM Career Fair <input type="checkbox"/> Conduct 3 career conversations <input type="checkbox"/> Meet with a Career Coach and/or faculty member for assistance applying for grad programs or jobs

Career Info for **MATH BS** Concentration in Pure Math

What are the UofA Career-Ready Skills?

- Career and self-development
- Communication
- Critical thinking
- Perspective awareness
- Leadership experience
- Professionalism
- Teamwork
- Technology

What skills does this major develop?

- Logic and critical thinking
- Computer programming
- Problem solving
- Data analysis
- Mathematical modeling
- Ability to analyze complex problems
- Use of computational tools
- Abstract reasoning

What graduate programs do majors often go into?

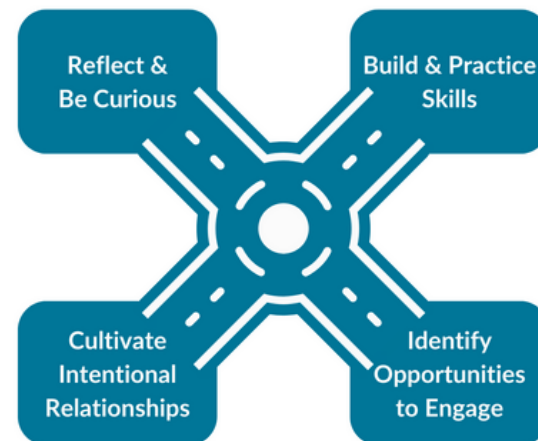
- Math
- Business
- Physics
- Education
- Data Science
- Computer Science
- Medicine
- Biostatistics

What careers do majors often go into?

- Math Teacher/Math Educator
- Actuary
- Quantitative Analyst
- Business Consultant
- Data Visualization Engineer
- Audience Analytics Coordinator
- Insight Analyst
- Business Intelligence Analyst
- Data Analyst
- Product Specialist
- Mathematics Researcher
- Librarian
- Software Testing Analyst
- Project Manager
- Work in publishing, development, libraries, media, education, law, healthcare, higher education, nonprofits, or so many others.
- Write your own story!

How do I start to plan my career?

- Complete the SparkPath Challenge Card activity online and then discuss your results with a career coach or career peer mentor. Talk about why it is important to you, how it relates to you and your previous experiences.
- What organizations are working on it?
- Which of these organizations appeal to me? What role would I like to have with them?
- What are my skills and how will I use them to work on this challenge?
- What skills, knowledge and experience do I need to develop to contribute more to the challenge?
- What is my plan to learn these things? Who can I connect with at the UofA for help?



career.uark.edu
math.uark.edu