

Student Success Map for **CHEMISTRY BS** Chemistry Concentration

	First Year	Middle Years	Final Year
Create Classroom Success	<ul style="list-style-type: none"> <input type="checkbox"/> Meet with your Academic Advisor to review major requirements <input type="checkbox"/> Take: Calculus I & II, Chemistry I & II <input type="checkbox"/> Tour the CORD to locate the Writing Center and tutoring 	<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 with your advisor on your progress <input type="checkbox"/> Take: Calculus III, Organic Chemistry I&II, Physics I&II, Physical Chemistry I&II, Biology, and Analytical Chemistry <input type="checkbox"/> Select your special emphasis area 	<ul style="list-style-type: none"> <input type="checkbox"/> Meet with your Academic Advisor to confirm you are ready to graduate <input type="checkbox"/> Take: Advanced Inorganic Chemistry, Experimental Methods in Organic Chemistry, Elements of Biochemistry, Instrumental Analysis, Biochemical Techniques, and electives
Find Campus Belonging	<ul style="list-style-type: none"> <input type="checkbox"/> Attend HillFest in September <input type="checkbox"/> Join an RSO like AXE, AED, Chemistry Club, Co-Sign, Pre-Pharmacy Society, MRS, or ECS, and/or read the "One Community, One Book" selection 	<ul style="list-style-type: none"> <input type="checkbox"/> Increase your involvement in an RSO <input type="checkbox"/> Explore research options <input type="checkbox"/> Discuss attending dept. & division seminars with your advisor <input type="checkbox"/> Attend the Chemistry Club Research Expo 	<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"/> Explore Study Abroad opportunities 	<ul style="list-style-type: none"> <input type="checkbox"/> Study Abroad <input type="checkbox"/> Explore summer research through REU or INBRE <input type="checkbox"/> Attend INBRE 	<ul style="list-style-type: none"> <input type="checkbox"/> Attend a regional professional conference
Build Career Ready Skills	<ul style="list-style-type: none"> <input type="checkbox"/> Take the Career Readiness Inventory <input type="checkbox"/> Find a student mentor <input type="checkbox"/> Explore the STEM Education minor, certificate, or licensure program & ACS-Hach scholarship 	<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"/> Check-out on-campus jobs 	<ul style="list-style-type: none"> <input type="checkbox"/> Take the Career Readiness Inventory & First Destination Survey
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"/> Do an internship (visit with a Career Coach or take ARSC 10401: Internship Readiness for help applying) <input type="checkbox"/> Complete a Challenge Card assessment <input type="checkbox"/> Explore the American Chemical Society's careers website 	<ul style="list-style-type: none"> <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 **CHEMISTRY BS** Chemistry Concentration

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?

- High level math skills
- Gather and analyze data
- Communicate complex ideas
- Evaluate ideas
- Inform, explain, and instruct
- Maintain records
- Prepare technical reports
- See relationships between among factors

What graduate programs do majors often go into?

- Education
- Medicine
- Pharmacy
- Chemistry
- Biochemistry
- Dentistry
- Law School
- Materials Science

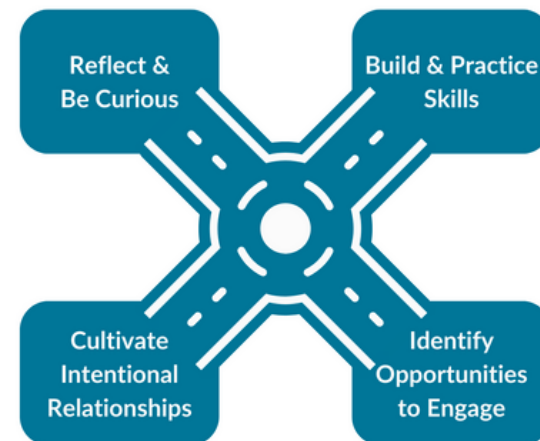
What careers do majors often go into?

Your concentration will open up a variety of opportunities. Here are a few general ideas:

- Pharmacist
- Researcher
- R&D Scientist
- High School Science Teacher
- Lawyer, Technology Specialty
- Medical Doctor
- Dentist
- Cosmetic Chemist
- Pathologist
- Forensic Chemist
- Technology Entrepreneur
- Technology Consultant
- Work in research, government, nonprofits, environmental services, pharmaceuticals, education, media, law, healthcare, corporate, tech or other industries.
- 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
chemistry.uark.edu