

# Student Success Map for **CHEMISTRY BS** Biophysical Concentration

	First Year	Middle Years	Final Year
Create Classroom Success	<ul style="list-style-type: none"> <li><input type="checkbox"/> Meet with your Academic Advisor to review major requirements</li> <li><input type="checkbox"/> Take: Calculus I &amp; II, Chemistry I &amp; II</li> <li><input type="checkbox"/> Tour the CORD to locate the Writing Center and tutoring</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Talk to a professor about your career plans, a research project, and/or grad school</li> <li><input type="checkbox"/> Check with your advisor on your progress</li> <li><input type="checkbox"/> Take: Organic Chemistry I&amp;II, Physics I&amp;II, Biology, Cell Biology, Analytical Chemistry, Physical Chemistry I&amp;II, Instrumental Analysis</li> <li><input type="checkbox"/> Select your special emphasis area</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Meet with your Academic Advisor to confirm you are ready to graduate</li> <li><input type="checkbox"/> Take: Biochemistry I&amp;II, Biochemical Techniques, and a Biology elective</li> </ul>
Find Campus Belonging	<ul style="list-style-type: none"> <li><input type="checkbox"/> Attend HillFest in September</li> <li><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</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Increase your involvement in an RSO</li> <li><input type="checkbox"/> Explore research options</li> <li><input type="checkbox"/> Discuss attending dept. &amp; division seminars with your advisor</li> <li><input type="checkbox"/> Attend the Chemistry Club Research Expo</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Mentor a first-year student</li> <li><input type="checkbox"/> Take on a leadership role in an RSO</li> </ul>
Make Local & Global Connections	<ul style="list-style-type: none"> <li><input type="checkbox"/> Find a service project on GivePulse</li> <li><input type="checkbox"/> Explore Study Abroad opportunities</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Study Abroad</li> <li><input type="checkbox"/> Explore summer research through REU or INBRE</li> <li><input type="checkbox"/> Attend INBRE</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Attend a regional professional conference</li> </ul>
Build Career Ready Skills	<ul style="list-style-type: none"> <li><input type="checkbox"/> Take the Career Readiness Inventory</li> <li><input type="checkbox"/> Find a student mentor</li> <li><input type="checkbox"/> Explore the STEM Education minor, certificate, or licensure program &amp; ACS-Hach scholarship</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Complete the Career Launch program</li> <li><input type="checkbox"/> Explore the PACE microcertificate and/or UA Career Ready Badge</li> <li><input type="checkbox"/> Check-out on-campus jobs</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Take the Career Readiness Inventory &amp; First Destination Survey</li> </ul>
Prep for Post-Graduation	<ul style="list-style-type: none"> <li><input type="checkbox"/> Talk to a Career Coach about on-campus and/or summer jobs</li> <li><input type="checkbox"/> Create LinkedIn &amp; Handshake profiles</li> <li><input type="checkbox"/> Make an affordability plan with a financial aid counselor</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Do an internship (visit with a Career Coach or take ARSC 10401: Internship Readiness for help applying)</li> <li><input type="checkbox"/> Complete a Challenge Card assessment</li> <li><input type="checkbox"/> Explore the American Chemical Society careers website</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Conduct 3 career conversations</li> <li><input type="checkbox"/> Meet with a Career Coach and/or faculty member for assistance applying for grad programs or jobs</li> </ul>

# Career Info for **CHEMISTRY BS** Biophysical 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

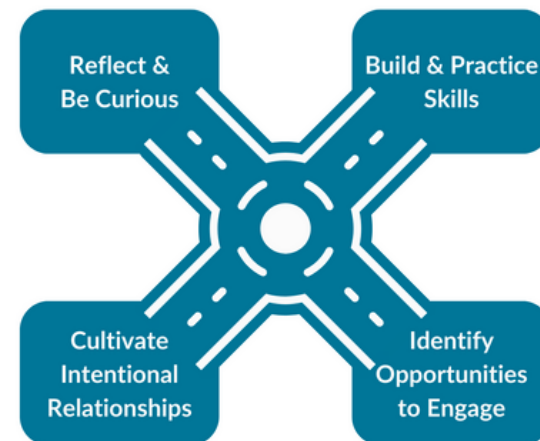
## What careers do majors often go into?

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](http://career.uark.edu)  
[chemistry.uark.edu](http://chemistry.uark.edu)