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

| | First Year | Middle Years | Final Year |
|---|---|---|---|
| Create Classroom Success | ☐ Meet with your Academic Advisor to review major requirements<br>☐ Take: Calculus I & II, Chemistry I & II<br>☐ Tour the CORD to locate the Writing Center and tutoring | ☐ Talk to a professor about your career plans, a research project, and/or grad school<br>☐ Check with your advisor on your progress<br>☐ Take: Organic Chemistry I&II, Physics I&II, Biology, Cell Biology, Analytical Chemistry, Physical Chemistry I&II, Instrumental Analysis<br>☐ Select your special emphasis area | ☐ Meet with your Academic Advisor to confirm you are ready to graduate<br>☐ Take: Biochemistry I&II, Biochemical Techniques, and a Biology elective |
| Find Campus Belonging | ☐ Attend HillFest in September<br>☐ 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 | ☐ Increase your involvement in an RSO<br>☐ Explore research options<br>☐ Discuss attending dept. & division seminars with your advisor<br>☐ Attend the Chemistry Club Research Expo | ☐ Mentor a first-year student<br>☐ Take on a leadership role in an RSO |
| Make Local & Global Connections | ☐ Find a service project on GivePulse<br>☐ Explore Study Abroad opportunities | ☐ Study Abroad<br>☐ Explore summer research through REU or INBRE<br>☐ Attend INBRE | ☐ Attend a regional professional conference |
| Build Career Ready Skills | ☐ Take the Career Readiness Inventory<br>☐ Find a student mentor<br>☐ Explore the STEM Education minor, certificate, or licensure program & ACS-Hach scholarship | ☐ Complete the Career Launch program<br>☐ Explore the PACE microcertificate and/or UA Career Ready Badge<br>☐ Check-out on-campus jobs | ☐ Take the Career Readiness Inventory & First Destination Survey |
| Prep for Post-Graduation | ☐ Talk to a Career Coach about on-campus and/or summer jobs<br>☐ Create LinkedIn & Handshake profiles<br>☐ Make an affordability plan with a financial aid counselor | ☐ Do an internship (visit with a Career Coach or take ARSC 10401: Internship Readiness for help applying)<br>☐ Complete a Challenge Card assessment<br>☐ Explore the American Chemical Society careers website | ☐ Conduct 3 career conversations<br>☐ Meet with a Career Coach and/or faculty member for assistance applying for grad programs or jobs |

# Career Info for **CHEMISTRY BS** Biophysical Concentration

## What are the UofA Career-Ready Skills?

- Career and self-development
- Communication
- Critical thinking
- Equity and inclusion
- 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.

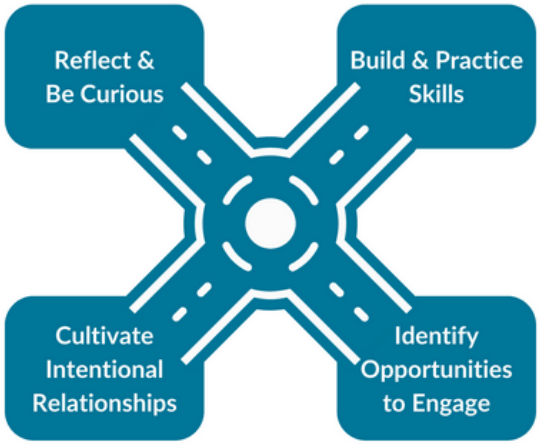
☐ What organizations are working on it?

☐ 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?

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