

DESIGN YOUR JOURNEY



College of Science

Department of Chemistry and Biochemistry
Bachelor of Science in Biological Chemistry

Beginning the Journey

- Meet with your advisor and become familiar with requirements for your degree.
- Complete lower-division prerequisite courses.
- General Chemistry with lab 1 & 2.
- Organic Chemistry with lab 1 & 2.
- Quantitative Chemistry with lab.

Trailblazing the Path

- Focus on upper-division chemistry, math, and physics course sequences required for staying on track.
- Meet with your academic advisor to review progress and start planning for degree completion.

Destination Graduation

- Meet with your advisor to be sure you meet all the requirements for graduation.
- Finish all your required coursework.
- Research careers in chemistry at the American Chemical Society's website, www.ACS.org.
- Review your resume or vitae with Career Services.

MAVERICK ADVANTAGE

Be Bold. Be Ambitious. Set Yourself Apart.



CAREER DEVELOPMENT

- Internships
- Fellowships
- Assistantships
- Job Fairs
- Scholarships
- Peer Academic Leadership



GLOBAL ENGAGEMENT

- Global Grounds
- Global Mavericks Program
- International Week
- Language Exchange Program
- Study Abroad



LEADERSHIP DEVELOPMENT

- Mentorships
- Student Organizations
- Peer Education
- Volunteering
- Tutoring and Coaching
- Student Governance



COMMUNITY ENGAGEMENT

- Service Learning
- UTA Volunteers
- Camps for high school students



UNDERGRADUATE RESEARCH

- Undergraduate Research Assistantship
- McNair Scholars
- LSAMP
- ACES

EDUCATE

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ENGAGE

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ENGAGE

EXCEL

EXCEL

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College of Science

700 Planterium Place

P: 817.272.3171

F: 817.272.3808 | uta.edu



THE UNIVERSITY OF TEXAS
AT ARLINGTON



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What career options do I have with this major?

- Analytical Chemist
- Biomedical Scientist
- Biotechnologist
- Clinical Research Associate
- Clinical Scientist, Biochemistry
- Environment and Health Care
- Forensic Scientist
- Law and Policy
- Manufacturing in Government
- Medicinal Chemist
- Military and Law Enforcement
- Nanotechnology
- Pharmacologist
- Physician Associate
- Research Scientist
- Sales/Marketing
- Scientific Laboratory Technician
- Secondary Education or Higher Ed Academic Researcher
- Industry Research and Development
- Quality Control/Regulatory

Workforce Skills

- Communication: Develop and articulate ideas clearly and effectively across all mediums, including but not limited to written, oral, and digital communication.
- Critical Thinking: Analyze issues, make decisions, and overcome problems by using sound reasoning in order to form a strategy, decision, or opinion.
- Teamwork/Collaboration: Work within a team and foster collaborative relationships with peers and supervisors. Use interpersonal skills to demonstrate respect and dignity for others while working toward a common goal.

Career Readiness

- Ability to organize, analyze, and interpret scientific data
- Analyze data using appropriate statistical methods and draw appropriate conclusions
- Apply the scientific method: define a problem clearly, develop testable hypotheses, design and execute experiments
- Aptitude for accuracy and details
- Chemical literature skills
- Communication skills synthesize information from a variety of sources in a clear and organized manner using a scientifically appropriate style and present in both written and oral formats

Take Action

- Explore workforce skill development through on and off-campus activities.
- Engage with the UTA Career Development Center at uta.edu/careers.
- Meet with a career consultant
- Network with employers
- Discover internships and co-ops
- Apply for on-campus employment
- Join Handshake, our career services platform
- Participate in career development programs

Visit www.uta.edu/student-success/major_maps for the latest version of this major map.

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