

DESIGN
YOUR
JOURNEY



College of Science

Department of Chemistry and Biochemistry
Bachelor of Science in Biochemistry

Beginning the Journey

- Meet with your advisor and become familiar with requirements for your degree.
- Meet with Health Professions advisor to discuss requirements for pursuing a career in health.
- Complete lower division prerequisites courses
 - General Chemistry with lab 1 & 2 (2321/2181 & 2322/1182)
 - Quantitative Chemistry with lab

Trailblazing the Path

- Focus on upper-division chemistry and biology course sequences required for staying on track.
- Meet with your academic advisor to review progress and start planning for degree completion.
- Meet with your health profession's advisor to discuss application to professional programs if you are interested in pursuing such after graduation.

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.
- Review your resume or vitae with Career Services or Health Professions Office.

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 & Coaching
- Student Governance



COMMUNITY ENGAGEMENT

- Service Learning
- UTA Volunteers
- Camps for High School Students



UNDERGRADUATE RESEARCH

- Undergraduate Research Assistantship
- Contact your professors for opportunities

EDUCATE

ENGAGE

EXCEL

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700 Planterium Place

P: 817.272.3687

F: 817.272.3808 | uta.edu



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What career options do I have with this major?

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

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 before forming 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

- 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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