

# CAREER-READY MAP | MATH & PHYSICAL SCIENCES

Use this map to plan and integrate your academic and cocurricular experiences during your time at UTSA.

**MAJORS** | BIOCHEMISTRY | CHEMISTRY | COMPUTER SCIENCE | GEOSCIENCES | MATHEMATICS | MATHEMATICS OF DATA & COMPUTING | PHYSICS

	FIRST YEAR	MIDDLE YEARS	LAST YEAR
<b>INDUSTRY</b>	<ul style="list-style-type: none"> <li>» Apply for a <a href="#">micro-internship</a> (5 to 40 hrs)</li> <li>» Tour an in-person <a href="#">career expo</a> to learn about companies</li> <li>» Attend virtual <a href="#">career expo</a> group sessions to learn about companies</li> <li>» Talk to companies tabling on-campus</li> <li>» Apply for <a href="#">Citymester</a> for valuable career skills</li> <li>» Attend <a href="#">CAREER-A-PALUTSA</a> to network</li> </ul>	<ul style="list-style-type: none"> <li>» Attend in-person and virtual <a href="#">career expos</a></li> <li>» Apply for an <a href="#">internship</a></li> <li>» <a href="#">Undergraduate research</a> opportunities</li> <li>» Attend the <a href="#">Health Professions Fair</a></li> <li>» Apply for <a href="#">Archer Fellowship Program</a> to intern in Washington D.C.</li> <li>» Apply for the <a href="#">Students + Start-ups Program</a></li> </ul>	<ul style="list-style-type: none"> <li>» Review <a href="#">Industry Reports</a> for career outcome data</li> <li>» Review <a href="#">SeekUT</a> for salary data</li> <li>» Attend in-person and virtual <a href="#">career expos</a> to search for full-time job</li> </ul>
<b>COMMUNITY</b>	<ul style="list-style-type: none"> <li>» Join academic, social, or service <a href="#">student organization(s)</a></li> <li>» Become a <a href="#">Najim Strategist</a></li> <li>» Conduct <a href="#">informational interviews</a> with upperclassmen in interesting majors</li> <li>» Go to <a href="#">EntreprenUTSA</a> to network</li> <li>» Apply for <a href="#">work-study</a> or <a href="#">on-campus</a> job</li> </ul>	<ul style="list-style-type: none"> <li>» Conduct <a href="#">informational interview(s)</a> with alumni in <a href="#">Roadrunner Network</a></li> <li>» Join the <a href="#">Rowdy Corps Community Scholars Program</a></li> <li>» Participate in <a href="#">UTSA Day of Service</a></li> <li>» Apply for <a href="#">Global Summer Institute</a></li> <li>» Apply for a leadership role in <a href="#">student org(s)</a></li> <li>» Enhance your experiential learning by joining the Honors College (requirements <a href="#">here</a>)</li> </ul>	<ul style="list-style-type: none"> <li>» Review <a href="#">Cost of Living</a> resource</li> <li>» Apply to join the <a href="#">UCC Student Advisory Board</a></li> <li>» Review <a href="#">Cost of Living</a> resource</li> <li>» Apply to join the <a href="#">UCC Student Advisory Board</a></li> <li>» Join a professional organization in a field of interest</li> </ul>
<b>TECHNOLOGY</b>	<ul style="list-style-type: none"> <li>» Complete <a href="#">career readiness badges</a></li> <li>» <a href="#">College Guide to Gaining Experience</a></li> <li>» Watch the <a href="#">Rowdy Intern Video Series</a></li> <li>» Review <a href="#">What Can I Do With This Major</a></li> <li>» Review <a href="#">My Next Move</a>, a career exploration tool</li> </ul>	<ul style="list-style-type: none"> <li>» Utilize <a href="#">VMock</a> to improve your resume</li> <li>» Utilize <a href="#">VMock</a> for elevator pitch/interview</li> <li>» Utilize <a href="#">VMock</a> to evaluate LinkedIn profile</li> <li>» <a href="#">Adobe Creative Skills Series</a> for added credentials</li> </ul>	<ul style="list-style-type: none"> <li>» Update <a href="#">LinkedIn</a> profile for job search</li> <li>» Utilize <a href="#">VMock</a> to update resume for job search</li> <li>» Utilize <a href="#">LinkedIn Learning</a> to upskill</li> <li>» Practice interview on <a href="#">Interviewing.com</a></li> </ul>
<b>INITIATIVE</b>	<ul style="list-style-type: none"> <li>» Attend workshops for <a href="#">marketable skills</a></li> <li>» Enroll in <a href="#">career-related classes</a></li> <li>» Participate in the <a href="#">Advocacy Internship Program</a> and/or <a href="#">Career Innovation Summit</a></li> <li>» Attend UCC <a href="#">Cultivating Career Confidence workshop</a> for a confidence boost</li> <li>» Develop <a href="#">Entrepreneurial mindset</a></li> </ul>	<ul style="list-style-type: none"> <li>» Work on an <a href="#">Experience Transcript</a></li> <li>» Attend <a href="#">career workshops</a></li> <li>» Create a <a href="#">LinkedIn</a> profile</li> <li>» Enter <a href="#">Civic and Social Experience (C.A.S.E.) Challenge</a></li> <li>» Apply to <a href="#">Nationally Competitive Awards and Scholarships</a></li> </ul>	<ul style="list-style-type: none"> <li>» Take the lead in a group project</li> <li>» Enter <a href="#">Big Rowdy Idea Pitch Competition</a></li> <li>» Enter the <a href="#">Roadrunner Experience Showcase</a></li> </ul>

THE UTSA STUDENT EXPERIENCE

## Academic Success Checklist

- Meet with your science mentor
- Sign up for COS 4-year plan (via RowdyLink)
- Attend Faculty Office Hours
- Attend SI/TA Session
- Attend the Expert Learning "How-to" Series
- Meet with an Academic Peer Coach or Student Success Coach
- Utilize tutoring services

## Career Development Checklist

- Take [Career Assessment](#)
- Create a [Roadrunner Network](#) profile
- Professional headshot in [Iris Booth](#)
- Create [Handshake](#) profile
- Create [Roadrunner Career Navigator](#) profile
- Upload resume into [VMock](#)
- Explore [RowdyLink](#) to discover events, programs, and organizations on campus

## CAREER INFORMATION

### What [marketable skills](#) do employers want?

- Career & Self Development
- Communication
- Critical Thinking
- Leadership
- Professionalism
- Teamwork
- Technology

### What careers can I pursue?\*

- [Biochemistry](#)
- [Chemistry](#)
- [Computer Science](#)
- [Geosciences](#)
- [Mathematics](#)
- [Mathematics of Data & Computing](#)
- [Physics](#)

NOTE: Resources are in a recommended time frame but can be used throughout your college journey

\* If considering a career in the health professions field, visit the [Health Professions Office](#); if considering a career in the legal field, visit the [Institute for Law and Public Affairs](#)