



**1st Year**

Fall Semester

Spring Semester

Summer (Optional)

HOURS

**2nd Year**

Fall Semester

Spring Semester

Summer (Optional)

HOURS

**3rd Year**

Fall Semester

Spring Semester

Summer (Optional)

HOURS

**4th Year**

Fall Semester

Spring Semester

SENIOR HOURS  
TOTAL HOURS

# DESIGN YOUR JOURNEY



## Beginning the Journey

## Trailblazing the Path

## Destination Graduation

EDUCATE

EDUCATE

EDUCATE

ENGAGE

ENGAGE

ENGAGE

EXCEL

EXCEL

EXCEL

## MAVERICK ADVANTAGE

Be Bold. Be Ambitious. Set Yourself Apart.



### CAREER DEVELOPMENT

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



### GLOBAL ENGAGEMENT



### LEADERSHIP DEVELOPMENT

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



### COMMUNITY ENGAGEMENT



### UNDERGRADUATE RESEARCH

## FIND YOUR CAREER



### What career options do I have with this major?

#### Workforce Skills

#### Career Readiness

- Analyzing data and performing calculations
- Communication skills: Collaborating with a team/summarizing research outcomes
- Creating and developing computer simulations/designing equipment to measure relevant quantities
- Problem-solving skills: Breaking complex problems into manageable tasks
- Technical skills: Computer programming, equipment design, electronics design, and repair/imaging
- Research/Project development skills: Reviewing literature and organizing ideas; developing theories and testing hypotheses; integrating theoretical understanding; developing new approaches; preparing, writing, and presenting research proposals.

#### Take Action

Visit [uta.edu/majormaps](https://uta.edu/majormaps) for the latest version of this major map.