



**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
- Technical Skills: Computer programming/ equipment design/ electronics design and repair / imaging

#### Take Action

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