<table>
<thead>
<tr>
<th>YOUR CLASS SCHEDULE</th>
<th>ACADEMIC ADVISING</th>
<th>ENRICHING EXPERIENCES</th>
<th>LIFELONG SUCCESS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman</strong> • Complete core courses recommended for your degree plan • Focus on English, History, Math, and Computer Science courses • Enroll in 14 credit hours Fall and Spring semesters • Pass all your prerequisite classes with a C or better</td>
<td>• Participate in New Student Orientation • Meet with your Academic Advising Center Freshman Advisor before registration • Plan the class schedule and register for classes</td>
<td><strong>Prioritize Your Wellness</strong> • Participate in campus recreation • Attend Financial Literacy seminars • Form healthy study habits <strong>Build Your Community</strong> • Use FalconLink &amp; attend Club Day • Volunteer at regional science fair • Attend campus events <strong>Explore Your World</strong> • Attend an athletics event, musical performance, or visit the art gallery</td>
<td><strong>Build Your Brand</strong> • Draft your resume • Register for the Job Board <strong>Craft Your Future</strong> • Explore career options • Practice problem solving approaches • Explore &amp; utilize Computer Science research labs • Have coffee with a faculty member</td>
</tr>
<tr>
<td><strong>Sophomore</strong> • Complete core courses recommended for your degree plan • Focus on Political Science, Math, Science with lab and Computer Science courses • Enroll in 18 credit hours Fall and 16 credit hours Spring semester • Pass all your prerequisite classes with a C or better.</td>
<td>• Meet with your Academic Advising Center Advisor before registration • Plan class schedule and register for classes • Register for classes as soon as possible</td>
<td><strong>Prioritize Your Wellness</strong> • Enjoy outdoor spaces on campus <strong>Build Your Community</strong> • Join an organization (ex: ACM club) • Explore campus leadership (SGA, Orientation Leader, Resident Asst.) <strong>Explore Your World</strong> • Consider study abroad • Attend a lecture series</td>
<td><strong>Build Your Brand</strong> • Update your resume • Join LinkedIn • Consider student employment <strong>Craft Your Future</strong> • Participate in mock interviews • Work on a project development team • Attend an internship/career fair • Research local part-time job opportunities in area of interest</td>
</tr>
<tr>
<td><strong>Junior</strong> • Focus on Math and Computer Science courses • Enroll in 16 credit hours Fall and 15 credit hours Spring semester • Pass all your computer science classes with a C or better</td>
<td>• Meet with your Computer Science Academic Advisor before registration • Register for classes as soon as possible</td>
<td><strong>Prioritize Your Wellness</strong> • Attend a health fair <strong>Build Your Community</strong> • Run for organization officer role • Apply to be a Falcon Ambassador <strong>Explore Your World</strong> • Consider study abroad • Participate in service learning</td>
<td><strong>Build Your Brand</strong> • Update your resume • Conduct research with faculty • Study advanced topics of cyber security in computer science and work on cyber security related computer projects <strong>Craft Your Future</strong> • Research local internships or&amp; part-time job opportunities in area of cyber security</td>
</tr>
<tr>
<td><strong>Senior</strong> • Focus on Computer Science and minor courses • Enroll in 15 credit hours Fall and 12 credit hours Spring semester</td>
<td>• Meet with your Computer Science Academic Advisor before registration • Apply for graduation</td>
<td><strong>Prioritize Your Wellness</strong> • Attend financial literacy seminars <strong>Build Your Community</strong> • Attend your ring ceremony • Join Alumni Association upon graduation <strong>Explore Your World</strong> • Consider study abroad (summer prior to senior year)</td>
<td><strong>Build Your Brand</strong> • Update your resume &amp; project portfolio • Present research • Strengthen your ability to work on real life projects • Apply what you have learned to develop advanced projects <strong>Craft Your Future</strong> • Participate in an internship or fellowship • Apply for jobs</td>
</tr>
</tbody>
</table>

**UTPB students will graduate with these skills:**
- Leadership
- Problem-solving
- Communication
- Critical Thinking
- Collaboration
- Confidence
- Global Awareness
- Teamwork
- Critical Thinking

**Career opportunities:**
- Information Security Manager
- Cybersecurity Engineer
- Network Security Engineer
- Application Security Engineer
## Bachelor of Science in Computer Science REQUIREMENTS (Cyber Security Track)

### Semester 1
- **ENGL 1301**
- **HIST 1301**
- **COSC 1430**
- **MATH 2412**
- **UNIV 1101**

15 hours

### Semester 2
- **ENGL 1302**
- **HIST 1302**
- **COSC 2430**
- **MATH 2413**

14 hours

### Semester 3
- **PLSC 2305**
- **COSC 2420**
- **MATH 2414**
- **Science with Lab (4 credits)**
- **Creative Arts (3 credits)**

18 hours

### Semester 4
- **PLSC 2306**
- **COSC 3310**
- **COSC 3315**
- **Science with Lab (4 credits)**
- **COMM 1315**

16 hours

### Semester 5
- **MATH 3301**
- **COSC 3312**
- **COSC 3420**
- **ENGL 2300** Level Literature Survey Elective
- **Social and Behavior Science (3 credits)**

16 hours

### Semester 6
- **MATH 3305**
- **COSC 4370**
- **COSC 4375**
- **Minor or Electives**
- **Minor or Electives**

15 hours

### Semester 7
- **COSC 4380**
- **COSC 4470**
- **COSC 4311** (Capstone)
- **Minor or Electives**

13 hours

### Semester 8
- **COSC 4395** (Research)
- **Minor or Electives**
- **Minor or Electives**
- **Minor or Electives**

13 hours

- Complete a total of at least 120 credit hours
- Complete the general education requirements
- Complete 48 hours at the junior/senior level, of which 30 must be at UTPB
- Complete the department requirements
- Complete the minor requirements