The following curriculum meets the requirement for a Degree in Computer Information Technology/Information Systems and Technology. The courses needed for the degree are designed for those wishing to pursue a career in cybersecurity.

To acquire the **Associate of Science Degree in Computer Information Technology/Information Systems and Technology**, students must complete the required major courses below with a grade of “C” or better along with one of the following:

- RHC GE and Proficiency requirements
- CSU GE (California State University General Education Breadth)
- IGETC (Intersegmental General Education Transfer Curriculum)

### Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 130/H</td>
<td>*Statistics/Honors</td>
<td>4</td>
</tr>
<tr>
<td>CIT 101</td>
<td>Introduction to Computer Information Technology</td>
<td>3</td>
</tr>
<tr>
<td>CIT 111</td>
<td>Introduction to Programming</td>
<td>3</td>
</tr>
<tr>
<td>CIT 192</td>
<td>*Security +</td>
<td>3</td>
</tr>
<tr>
<td>CIT 200</td>
<td>*Systems Analysis &amp; Design</td>
<td>3</td>
</tr>
<tr>
<td>CIT 210</td>
<td>*Cisco Networking I</td>
<td>3</td>
</tr>
<tr>
<td>BUSL 110</td>
<td>Legal Environment of Business</td>
<td>3</td>
</tr>
</tbody>
</table>

**Select one course from the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 160</td>
<td>*College Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MATH 170</td>
<td>*Elements of Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 180</td>
<td>*Pre-Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 190/H</td>
<td>*Calculus I/Honors</td>
<td>4</td>
</tr>
</tbody>
</table>

**Choose one option from the following:**

- **Cybersecurity Option**
  - ACCT 101/H  Financial Accounting/*Honors     4
  - ACCT 102/H  *Managerial Accounting/*Honors   4

- **Communications Option**
  - CIT 214   *Cisco Networking II                3
  - MGMT 208  *Business Communications            3

**Total major units needed for the Associate of Science**

<table>
<thead>
<tr>
<th>Units Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-34</td>
</tr>
</tbody>
</table>

*Prerequisite/Corequisite

**NOTE:** Students interested in transferring as Computer Information Technology majors should consult with a counselor for appropriate general education & major preparation counseling.