# Integrated Studies - Information Technology Emphasis, B.A./B.S.

## Information Technology Emphasis Requirements

27 credits

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 1400</td>
<td>Fundamentals of Programming</td>
<td>3</td>
</tr>
<tr>
<td>CS 1410</td>
<td>Object Oriented Programming</td>
<td>3</td>
</tr>
<tr>
<td>IT 1100</td>
<td>Introduction to Unix/Linux</td>
<td>3</td>
</tr>
<tr>
<td>IT 1200</td>
<td>A+ Computer Hardware/Windows OS</td>
<td>3</td>
</tr>
<tr>
<td>IT 2400</td>
<td>Intro to Networking</td>
<td>3</td>
</tr>
</tbody>
</table>

Complete 12 credits from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT 2300</td>
<td>Database Design &amp; Management</td>
<td>3</td>
</tr>
<tr>
<td>IT 2700</td>
<td>Information Security</td>
<td>3</td>
</tr>
<tr>
<td>IT 3100</td>
<td>Systems Design and Administration I</td>
<td>3</td>
</tr>
<tr>
<td>IT 3110</td>
<td>System Automation</td>
<td>3</td>
</tr>
<tr>
<td>IT 3150</td>
<td>Windows Servers</td>
<td>3</td>
</tr>
<tr>
<td>IT 3300</td>
<td>DevOps Virtualization</td>
<td>3</td>
</tr>
<tr>
<td>IT 4100</td>
<td>Files Systems and Storage Technologies</td>
<td>3</td>
</tr>
<tr>
<td>IT 4200</td>
<td>DevOps Lifecycle Management</td>
<td>3</td>
</tr>
<tr>
<td>IT 4310</td>
<td>Database Administration</td>
<td>3</td>
</tr>
<tr>
<td>IT 4400</td>
<td>Network Design &amp; Management</td>
<td>3</td>
</tr>
<tr>
<td>IT 4510</td>
<td>Ethical Hacking &amp; Network Defense</td>
<td>3</td>
</tr>
</tbody>
</table>

**Notes:**

1. Students may only apply one (1) Computer & Information Technology Emphasis to an Integrated Studies degree.
2. Students must select and complete two emphases and Core Requirements.
3. Grade C or higher in each Emphasis Area course required.