# INFORMATION TECHNOLOGY, B.S. - CYBERSECURITY

## Major in Information Technology, BS

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>INTE 120</td>
<td>Integrated Information Technology Application Projects</td>
<td>4</td>
</tr>
<tr>
<td>INTE 130</td>
<td>Fundamentals of Information Technology</td>
<td>4</td>
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<tr>
<td>INTE 230</td>
<td>Network Concepts, Security and Administration</td>
<td>4</td>
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<tr>
<td>INTE 240</td>
<td>The Fundamentals of Web Technology</td>
<td>4</td>
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<tr>
<td>INTE 360</td>
<td>IT Risk Management and Security</td>
<td>4</td>
</tr>
<tr>
<td>INTE 410</td>
<td>IT Project Management</td>
<td>4</td>
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<tr>
<td>INTE 420</td>
<td>Fundamentals of Operating Systems Management</td>
<td>4</td>
</tr>
<tr>
<td>INTE 440</td>
<td>Human-Computer Interaction</td>
<td>4</td>
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**OPTION IN CYBERSECURITY - See separate block**

**Total Hours** 32

## Option in Cybersecurity

**CYBERSECURITY REQUIREMENTS**

- Advanced Computer Networking or Computer Networks - Choose 1 of the following:
  - INTE 335 Advanced Computer Networking
  - CSCI 395 Computer Networks
  - INTE 350 Cybersecurity
  - INTE 435 IT Security, Privacy & Ethics

- Internship in Cybersecurity 12

**Cybersecurity Elective - Choose 2 of the following:**

- INTE 465 Data Analytics in Health Care
- INTE 466 Ethical Hacking and Penetration Testing
- CSCI 415 Computer and Network Security

**Total Hours** 28-30

## Req Related for Information Technology, BS

**COMPUTER SCIENCE**

- CSCI 161 Introduction to Programming 1 (G2) 4
- CSCI 162 Introduction to Programming 2 4
- CSCI 366 Database Systems 4

**MATHEMATICS**

- Statistics (G2) - Choose 1 of the following: 3-4
  - MATH 130 Elements of Statistics 1
  - MATH 234 Statistics for Health Sciences
  - MATH 235 Survey of Statistics
  - MATH 120 Logic for Information Technology 2

**ECONOMICS**

- ECON 102 Principles of Microeconomics (G3) 3

**RECOMMENDED COURSES (NOT REQUIRED)**

These courses are recommended, but not required. They are advised as complimentary courses which can fulfill the General Education requirements noted.