## INFORMATION TECHNOLOGY, B.S. - CYBERSECURITY

### Major in Information Technology, BS

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>INTE 120</td>
<td>Integrated Information Technology Application Projects</td>
<td>4</td>
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<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>
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<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>
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<tr>
<td>INTE 440</td>
<td>Human-Computer Interaction</td>
<td>4</td>
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### 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
  - INTE 400 Co-Op/Internship INTE

- 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**: 32

### 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:
  - MATH 130 Elements of Statistics 1                              | 3-4   |
  - 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.