## INFORMATION TECHNOLOGY, B.S.

### 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>
</tr>
<tr>
<td>INTE 130</td>
<td>Fundamentals of Information Technology</td>
<td>4</td>
</tr>
<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>
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### REQUIREMENTS FOR INFORMATION TECHNOLOGY, GENERAL

- INTE/CSCI Electives can include up to FOUR total credits from INTE 498, 300/400 and 489/499
- Interdisciplinary Course Requirements - Choose 6 hours from:
  - COMM 225 Nonprofit Sector Communication
  - COMM 317 Intercultural Communication
  - COMM 371 Crisis Emergency & Risk Comm
  - COMM 380 Digital Media Writing
  - COMM 390 Social Media Campaigns
  - DESN 201 Understanding Web Design
  - DESN 247 Intro to Web, Experience and Interaction Design
  - PHIL 281 Bus. & Prof. Ethics
  - ECON 101 Principles of Macroeconomics
  - BUAD 251 Principles of Management

- INTE CSCI Elective Courses - Choose 3 of the following:
  - INTE 255 Intro to Data Analytics
  - INTE 350 Cybersecurity
  - INTE 300 Co-Op/Internship in INTE
  - INTE 400 Co-Op/Internship INTE
  - INTE 425 Data Explor and Visualization
  - INTE 435 IT Security, Privacy & Ethics
  - INTE 489 Honors Course
  - INTE 498 Independent Study
  - INTE 499 Departmental Honors
  - CSCI 362 Data Structures
  - CSCI 370 Computer Architecture
  - CSCI 380 Operating Systems
  - CSCI 395 Computer Networks
  - CSCI 415 Computer and Network Security
  - MATH 255 Intro to Data Analytics

**Total Hours: 47-66**

### Req Related for Information Technology, BS

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<tr>
<th>Code</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>CSCI 161</td>
<td>Introduction to Programming 1 (G2)</td>
<td>4</td>
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<tr>
<td>CSCI 162</td>
<td>Introduction to Programming 2</td>
<td>4</td>
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### COMPUTER SCIENCE

- CSCI 161 Introduction to Programming 1 (G2)
- CSCI 162 Introduction to Programming 2

### MATHMATICS

- 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.
- COMM 335 Communications and Emerging Technologies (G1, W) 0
- MATH 151 Calculus for Management, Life and Social Sciences 0

**Total Hours: 20-21**