# INFORMATION TECHNOLOGY, B.S.

## 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>
</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>
<td>4</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: 9-28

- 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>
</tr>
<tr>
<td>CSCI 162</td>
<td>Introduction to Programming 2</td>
<td>4</td>
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## 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

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

Total Hours 20-21