## COMPUTER & INFORMATION SCIENCES-INFORMATION SYSTEMS

<table>
<thead>
<tr>
<th>First Year</th>
<th>Sophomore</th>
<th>Junior</th>
<th>Senior</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td><strong>Semester 1</strong></td>
<td><strong>Semester 1</strong></td>
<td><strong>Semester 1</strong></td>
</tr>
<tr>
<td>MATH 108/109, 111 or 113</td>
<td>CISC 230</td>
<td>CISC 320</td>
<td>CISC elective</td>
</tr>
<tr>
<td>COJO 100 or 105</td>
<td>CISC elective</td>
<td>CISC 450</td>
<td></td>
</tr>
</tbody>
</table>

| **Semester 2** | **Semester 2** | **Semester 2** | **Semester 2** |
| CISC 131 | STAT 220 | CISC 325 | CISC 321 |
| ACCT 210 | | MGMT 305 | |

### REQUIREMENTS FOR DEGREE

- **CISC 130** Introduction to Programming and Problem Solving in the Sciences OR
- **CISC 131** Introduction to Programming and Problem Solving*
- **CISC 230** Object-Oriented Design and Programming
- **CISC 320** Systems Analysis and Design I
- **CISC 321** Systems Analysis and Design II
- **CISC 325** E-Commerce
- **CISC 450** Database Design
- **STAT 220** Statistics I

* A grade of C- or higher must be earned in each of these courses chosen to fulfill the core requirement.

**Allied requirements:**
- **ACCT 210** Financial Accounting
- **COJO 100** Public Speaking or **COJO 105** Communications in the Workplace
- **MGMT 305** Management & Organizational Behavior

**Plus four credits from the following:**
- **MATH 108/109** Calculus with Review I & II
- **MATH 111** Calculus for Business and Social Science
- **MATH 113** Calculus I

**Plus eight elective credits chosen from the following:**
- **CISC 110** Introduction to Information Processing or **CISC 200** Introduction to Computer Technology and Business Applications
- **CISC 210** Information Security
- **CISC 270** Web Development
- **CISC 370** Computer Networking
- **CISC 419** Accounting Information Systems
- **CISC 430** Information Technology Management