### Information Science Bachelor of Science Specimen

#### A1:
- CS U200 Discrete Structures  
  CS  
  4
- CS U211 Fundamentals of Computer Science 1  
  CS  
  4
- CS U221 CS/IS Overview 1  
  CS  
  1
- Humanities or Social Science 1 [A&S Core]  
  HSS  
  4
- ENG U111 College Writing  
  HSS  
  4

#### A2:
- CS U212 Fundamentals of Computer Science 2  
  CS  
  4
- CS U222 CS/IS Overview 2  
  CS  
  1
- PHL U215 Symbolic Logic  
  MS  
  4
- Humanities or Social Science 2 [A&S Core]  
  HSS  
  4
- Elective 1  
  E  
  4

#### A3:
- IS U300 Principles of Information Science  
  IS  
  4
- CS U370 Object-oriented Design  
  CS  
  4
- CS U430 Database Design  
  IS  
  4
- PSY U101 Foundations of Psychology  
  BH  
  4

#### A4:
- IS U470 Information Systems Design and Development  
  IS  
  4
- CS U380 Computer Organization and Architecture  
  CS  
  4
- MTH U241 Calculus 1  
  MS  
  4
- PSY U466 Cognition  
  BH  
  4

#### A5:
- IS U570 Human-Computer Interaction  
  IS  
  4
- ECN U350 Statistics  
  MS  
  4
- CS U480 Systems and Networks  
  CS  
  4
- ENG U302 Writing for Careers in Technical Professions  
  HSS  
  4

#### H1:
- ECN U116 Microeconomics  
  BH  
  4
- HRM U201 Organizational Behavior  
  BH  
  4

#### A6:
- IS U580 Empirical Research Methods  
  IS  
  4
- MIS U305 Information Resource Management  
  IS  
  4
- Information Science Elective 1  
  IS  
  4
- Elective 2  
  E  
  4

#### H2:
- Science Elective  
  MS  
  4
- Elective 3  
  E  
  4

#### C3:
- IS U691 Information Science Field Study  
  IS  
  1

#### A7:
- IS U692 Information Science Senior Project  
  IS  
  5
- SOC U528 Computers and Society  
  IS  
  4
- Information Science Elective 2  
  IS  
  4
- Elective 4  
  E  
  4
The **B.S. in Information Science** is currently a *single division program* that uses only **Academic-Coop Pattern A** as shown below:

### Academic-Coop Pattern A

<table>
<thead>
<tr>
<th>Summer2</th>
<th>Fall Semester</th>
<th>Spring Semester</th>
<th>Summer1</th>
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<tbody>
<tr>
<td>1</td>
<td>A1</td>
<td>A2</td>
<td>V</td>
</tr>
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<td>2</td>
<td>V</td>
<td>A3</td>
<td>A4</td>
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<tr>
<td>3</td>
<td>C1</td>
<td>C1</td>
<td>A5</td>
</tr>
<tr>
<td>4</td>
<td>C2</td>
<td>C2</td>
<td>A6</td>
</tr>
<tr>
<td>5</td>
<td>C3</td>
<td>C3</td>
<td>A7</td>
</tr>
</tbody>
</table>

**Key:**
- **A** = Academic Semester
- **H** = Academic Half-Semester
- **C** = Coop
- **V** = Vacation