## Information Systems and Analytics, BS

### Graduation Plan

#### 1st Year

**Fall Semester**
- **SSC 1010** Trailblazer Connections  
- **ISA 2010** Proficiency in Excel & SQL  
- **ENGL 1010** Introduction to Writing (EN)  
- **SE 1400** Web Design Fundamentals (ALCS)  
- General Education (Mathematics-MATH 1040 recommended) (catalog.dixie.edu/programs/generaleducation/#gerequirementstext)  
- General Elective  

**Hours** 15

**Spring Semester**
- **ACCT 2010** Financial Accounting  
- **ENGL 2010** Interm Writing Selected Topics: (EN)  
- **IT 1100** Introduction to Unix/Linux  
- General Education (Fine Arts) (catalog.dixie.edu/programs/generaleducation/#gerequirementstext)  
- General Education (Life Sciences & Lab) (catalog.dixie.edu/programs/generaleducation/#gerequirementstext)  

**Hours** 16

#### 2nd Year

**Fall Semester**
- **ACCT 2020** Managerial Accounting  
- **CS 1400** Fundamentals of Programming  
- **MGMT 3400** Management & Organizations  
- **STAT 2040** Business Statistics  
- General Education (Social & Behavioral Sciences) (catalog.dixie.edu/programs/generaleducation/#gerequirementstext)  

**Hours** 15

**Spring Semester**
- **IT 2400** Intro to Networking  
- **ECON 2010** Micro Economics (SS, GC) (meets General Education (Exploration) (catalog.dixie.edu/programs/generaleducation/#gerequirementstext))  
- **MKTG 3010** Marketing Principles (ALPP)  
- General Education (Physical Sciences) (catalog.dixie.edu/programs/generaleducation/#gerequirementstext)  
- General Education (American Institutions) (catalog.dixie.edu/programs/generaleducation/#gerequirementstext)  

**Hours** 15

#### 3rd Year

**Fall Semester**
- **MATH 2050** Applied Statistics with Programming  
- **IT 2700** Information Security  
- **ISA 3001** Info Sys and Analytics Intermediate Career Strategies  
- **MGMT 4040** Quantitative Decision Analysis  
- IS&A Elective  
- General Education (Literature/Humanities) (catalog.dixie.edu/programs/generaleducation/#gerequirementstext)  

**Hours** 16

**Spring Semester**
- **FIN 3150** Managerial Finance I  
- **ISA 2050** Management Information Systems  
- **ISA 3020** SQL & Python for Analytics  
- IS&A or other Elective  
- IS&A Elective  

**Hours** 15
## 4th Year
### Fall Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>MGMT 3050</td>
<td>Business Law I: Law in the Commercial Environment</td>
<td>3</td>
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<td>MGMT 3100</td>
<td>Business Ethics and Professional Writing</td>
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<tr>
<td>MGMT 3600</td>
<td>Operations and Supply Chain Management (ALPP)</td>
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<tr>
<td>IS&amp;A Elective</td>
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<td>IS&amp;A Upper Division Elective</td>
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<td><strong>Hours</strong></td>
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### Spring Semester

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<tr>
<td>MGMT 4800</td>
<td>Strategic Management (ALPP)</td>
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<td>ISA 4600</td>
<td>Senior Project (Internship option must be ISA-related)</td>
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<td>ISA 4450</td>
<td>Project Management</td>
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<td>IS&amp;A Upper Division or other Upper Division Elective</td>
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<td>General Elective</td>
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**Total Hours** 120