INFORMATION SYSTEMS AND SUPPLY CHAIN MANAGEMENT, B.S.

Overall Requirements

- 120 credit hours, to include at least 36 credits at or above the 300 course level
- Grade of C or higher in ISM 110
- A cumulative GPA of at least 2.0
- For Business Analytics concentration, grades of C or better in ISM 210, ISM 218, and ISM 240.
- For Cyber Security concentration, grades of C or better in ISM 201, ISM 218, and ISM 240.
- For Information Systems concentration, grades of C or better in ISM 218, ISM 240, ISM 280, and ISM 301.
- At least 50 percent of the business semester hours required for the degree must be earned at UNC Greensboro

Degree Program Requirements

University Requirements (https://catalog.uncg.edu/academic-regulations-policies/undergraduate-requirements/undergraduate-degrees-and-degree-requirements/)

General Education Requirements - Minerva's Academic Curriculum (MAC) (https://catalog.uncg.edu/academic-regulations-policies/undergraduate-requirements/general-education-program/)

Major Requirements

Bryan School Pre-Admission Courses

Students should plan to complete the pre-admission courses by the end of the sophomore year, or as soon as possible thereafter.

Courses used to meet Bryan School Pre-Admission and Bryan School Common Business Core requirements cannot be used to fulfill major or concentration requirements in the following majors: ACCT, BADM, ECOS, ENTR, FINC, INTB, ISSC, HTMT, or MKTG.

See the Joseph M. Bryan School of Business and Economics for more information.

Code | Title | Credit Hours
--- | --- | ---
BUS 115 & BUS 215 | Blueprint for Personal Development and Blueprint for Professional Development | 29-30
ACC 201 | Financial Accounting | 
ACC 202 | Managerial Accounting | 
ECO 201 | Principles of Microeconomics | 
ECO 202 | Principles of Macroeconomics | 
ECO 250 | Economic and Business Statistics I | 
ISM 110 | Foundations for Analytics using Spreadsheets | 
ISM 280 | Information Systems for Decision Making | 
ENG 101 | Exploring Writing in College Contexts | 
FMS 115 | Freshman Seminar in Reasoning and Discourse: Written Communication | 
RCO 101 | College Writing I | 
MAT 120 | Calculus with Business Applications | 
MAT 191 | Calculus I | 
MAT 292 | Calculus II | 
MAT 293 | Calculus III | 
MAT 196 | Calculus A | 
MAT 296 | Calculus B | 
BUS 315 | Global and Cultural Development | 
BUS 415 | Leadership Development | 
CST 105 | Introduction to Communication Studies | 
MAT 120 | Calculus with Business Applications | 
or MAT 191 | Calculus I |
or MAT 292 | Calculus II |
or MAT 293 | Calculus III |
or MAT 196 | Calculus A |
or MAT 296 | Calculus B |
ECO 300 | The International Economy | 
FIN 315 | Business Finance I | 
MGT 301 | Introduction to International Business | 
MGT 312 | Organizational Behavior | 
MGT 330 | The Legal Environment of Business | 
MGT 491 | Business Policy and Strategy | 
MKT 309 | Business Communication & Innovation | 
MKT 320 | Principles of Marketing | 
PHI 261 | Ethical Issues in Business | 
or PHI 262 | Ethical Issues in Entrepreneurship | 
SCM 302 | Operations Management | 
ECO 100 | Economics of a Global Sustainable Society | 
BUS 130 | Entrepreneurship in a Sustainable Global Environment | 
LLC 120 | Global Crossings: Topics in Images, Media, and Texts | 
LLC 130 | Global Green: Cultures of Production and/or Consumption | 
HTM 200 | Introduction to Sustainable Development |
Hospitality and Tourism Management majors are exempt from the MGT 491 requirement; a similar course, HTM 491, is taken within the major requirements.

** Or other approved Global Sustainability elective.

## Information Systems and Supply Chain Management Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISM 110</td>
<td>Foundations for Analytics using Spreadsheets</td>
<td>9</td>
</tr>
<tr>
<td>ISM 280</td>
<td>Information Systems for Decision Making</td>
<td></td>
</tr>
<tr>
<td>SCM 302</td>
<td>Operations Management</td>
<td></td>
</tr>
</tbody>
</table>

### Concentration

Select one of the concentrations as detailed following the major requirements.

- Business Analytics
- Cyber Security
- Information Systems
- Supply Chain Management

### Electives

Electives sufficient to complete 120 total credit hours required for the degree.

## Business Analytics Concentration Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ISM 210</td>
<td>Principles of Business Analytics</td>
<td></td>
</tr>
<tr>
<td>ISM 218</td>
<td>Database Systems</td>
<td></td>
</tr>
<tr>
<td>ISM 240</td>
<td>Business Programming I</td>
<td></td>
</tr>
<tr>
<td>ISM 425</td>
<td>Business Analytics</td>
<td></td>
</tr>
<tr>
<td>ISM 452</td>
<td>Design of Management Information Systems</td>
<td></td>
</tr>
</tbody>
</table>

Select one of the following:

- ISM 310 Business Programming II
- ISM 328 Blockchain Technology Applications and Management
- ISM 411 Undergraduate Internship in Information Systems
- ISM 425 Business Analytics
- ISM 498 Independent Study
- ISM 499 Problems in Information Systems and Supply Chain Management
- SCM 260 Essentials of Enterprise Resource Planning (ERP)

## Cyber Security Concentration Requirement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ISM 201</td>
<td>Essentials of Cyber Security</td>
<td></td>
</tr>
<tr>
<td>ISM 218</td>
<td>Database Systems</td>
<td></td>
</tr>
<tr>
<td>ISM 240</td>
<td>Business Programming I</td>
<td></td>
</tr>
<tr>
<td>ISM 324</td>
<td>Secure Networked Systems</td>
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</tbody>
</table>

## Supply Chain Management Concentration Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>SCM 206</td>
<td>Logistics and Transportation Management</td>
<td></td>
</tr>
<tr>
<td>SCM 304</td>
<td>Managing and Organizing Projects</td>
<td></td>
</tr>
<tr>
<td>SCM 402</td>
<td>Logistics and Supply Chain Management</td>
<td></td>
</tr>
<tr>
<td>SCM 432</td>
<td>Supply Chain Management Project</td>
<td></td>
</tr>
</tbody>
</table>

Select 6 credits from the following:

- CRS 363 Global Sourcing of Apparel and Related Consumer Products
- HTM 313 Revenue Management
- ISM 210 Principles of Business Analytics
- ISM 218 Database Systems
- ISM 425 Business Analytics
- SCM 260 Essentials of Enterprise Resource Planning (ERP)
- SCM 411 Undergraduate Internship in Supply Chain Management
**Disciplinary Honors in Information Systems and Supply Chain Management**

**Requirements**
- A minimum of 12 credit hours as defined below.
- UNC Greensboro cumulative GPA of 3.30 or better or, for transfer students, cumulative GPA of 3.30 or better from all prior institutions.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSS 490</td>
<td>Senior Honors Project</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>6 credits of Honors course work in the major</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>3 credits of Honors course work in the major or another area</td>
<td>3</td>
</tr>
</tbody>
</table>

**Recognition**
Receive a Certificate of Disciplinary Honors in Information Systems and Supply Chain Management; have that accomplishment, along with the title of the Senior Honors Project, noted on the official transcript; and be recognized at a banquet held at the end of the spring semester.

**Honors Advisor**
Contact Gurpreet Dhillon at gsdhillo@uncg.edu for further information and guidance about Honors in Information Systems and Supply Chain Management. To apply: http://honorscollege.uncg.edu/forms/disc-application.pdf

**Accelerated B.S. to M.S. in Information Technology and Management**

**Application and Admission**
Qualified UNC Greensboro undergraduate students who are pursuing the B.S. in Information Systems and Supply Chain Management may apply for admission to the Accelerated Master's Program (AMP) and the M.S. in Information Technology and Management. A cumulative undergraduate GPA of at least 3.5 based on at least 30 credits earned at UNC Greensboro is required. Applicants must have completed at least 60 credits and may not apply for admission to the AMP before the first semester of the junior year. Applicants will not be required to take the GRE or GMAT entrance exam. All applicants must complete the Accelerated Master’s Program information when applying for admission to the M.S. in Information Technology and Management.

**Courses**
Admitted students may apply a maximum of 12 credits from the following graduate-level courses toward completion of both the undergraduate and graduate degree provided that they earn a grade of B (3.0) or better in the course and fulfill graduate-level requirements of the M.S. in Information Technology and Management:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISM 646</td>
<td>Visualizing Data to Design Strategy</td>
<td>3</td>
</tr>
<tr>
<td>ISM 665</td>
<td>Principles of Cyber Security</td>
<td>3</td>
</tr>
<tr>
<td>ISM 671</td>
<td>Organizing Data for Analytics</td>
<td>3</td>
</tr>
</tbody>
</table>

Only four of the above seven courses will be specified on a student’s AMP application after consultation with the Graduate Program Director. Please consult with an advisor to determine how the courses taken at the graduate level will meet requirements in the bachelor’s degree program. All degree requirements for the M.S. in Information Technology and Management remain the same.