

INFORMATION SYSTEMS AND SUPPLY CHAIN MANAGEMENT, B.S.

The Information Systems and Supply Chain Management, B.S. major and concentrations are available in traditional as well as online formats.

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

Code	Title	Credit Hours
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
Required		
BUS 115 & BUS 215 or BUS 216	Blueprint for Personal Development and Blueprint for Professional Development or Blueprint for Personal and 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
<i>Select one of the following:</i>	
ENG 101	Exploring Writing in College Contexts
ENG 102	Academic Research and Writing
FMS 115	Freshman Seminar in Reasoning and Discourse: Written Communication
<i>Completion of one of the following:</i>	
MAT 115	Algebra for Precalculus
MAT 118	Algebra with Business Applications
MAT 120	Calculus with Business Applications
MAT 150	Precalculus I
MAT 151	Precalculus II
MAT 190	Precalculus
MAT 183	Mathematics for the Life Sciences
MAT 184	Calculus for the Life Sciences
MAT 191	Calculus I
MAT 292	Calculus II
MAT 293	Calculus III
MAT 196	Calculus A
MAT 296	Calculus B

Bryan School Common Business Core

Code	Title	Credit Hours
Required		38
BUS 315	Global and Cultural Development	
BUS 415	Leadership Development	
CST 105	Introduction to Communication Studies	
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	Principles of Innovation	
MKT 320	Principles of Marketing	
PHI 261	Ethical Issues in Business	
or PHI 262	Ethical Issues in Entrepreneurship	
or PHI 263	Business Ethics with East Asian Philosophy	
SCM 302	Operations Management	
<i>Global Sustainability Elective - One chosen from the list below: *</i>		
ECO 100	Economics of a Global Sustainable Society	
ENT 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	

* Or other approved Global Sustainability elective.

Information Systems and Supply Chain Management Courses

Code	Title	Credit Hours
Required		9
ISM 110	Foundations for Analytics using Spreadsheets	
ISM 280	Information Systems for Decision Making	
SCM 302	Operations Management	

Concentration

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

- Business Analytics
- Cyber Security
- Information Systems
- Strategic Procurement and Supply Chain Management

Electives

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

Business Analytics Concentration Requirements

Code	Title	Credit Hours
Required		15
ISM 218	Database Management and Cloud Systems	
ISM 240	Programming for Analytics and AI	
ISM 301	Systems and Process Analysis	
ISM 425	Advanced Business Analytics	
ISM 452	AI-Enabled Design of Management Information Systems	

Select one of the following:

ISM 210	Principles of Business Analytics	
ISM 328	Blockchain Technology Applications and Management	
ISM 411	Undergraduate Internship in Information Systems	
ISM 498	Independent Study	
ISM 499	Problems in Information Systems and Supply Chain Management	
SCM 260	Essentials of Enterprise Resource Planning (ERP)	

Information Systems Concentration Requirements

Code	Title	Credit Hours
Required		18
ISM 201	Essentials of Cyber Security	
ISM 218	Database Management and Cloud Systems	
ISM 240	Programming for Analytics and AI	
ISM 301	Systems and Process Analysis	
ISM 452	AI-Enabled Design of Management Information Systems	

Select one of the following:

ISM 324	Secure Networked Systems	
ISM 328	Blockchain Technology Applications and Management	
ISM 411	Undergraduate Internship in Information Systems	
ISM 425	Advanced Business Analytics	
ISM 498	Independent Study	
ISM 499	Problems in Information Systems and Supply Chain Management	
SCM 260	Essentials of Enterprise Resource Planning (ERP)	

Strategic Procurement and Supply Chain Management Concentration Requirements

Code	Title	Credit Hours
Required		18
SCM 206	Logistics and Transportation Management	
SCM 304	Managing and Organizing Projects	
SCM 402	Principles of Supply Chain and Procurement Management	
SCM 432	Supply Chain Management Project	
<i>Select six credits of the following: *</i>		
CRS 363	Global Sourcing of Apparel and Related Consumer Products	
HTM 313	Revenue Management	
ISM 210	Principles of Business Analytics	
ISM 218	Database Management and Cloud Systems	
ISM 425	Advanced Business Analytics	
SCM 260	Essentials of Enterprise Resource Planning (ERP)	
SCM 411	Undergraduate Internship in Supply Chain Management	
SCM 498	Independent Study	
SCM 499	Problems in Supply Chain Management	

* Or other approved electives.

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.

Code	Title	Credit Hours
Required		3
HSS 490	Senior Honors Project	
6 credits of Honors course work in the major		6
3 credits of Honors course work in the major or another area		3

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 Nikhil Mehta at n_mehta@uncg.edu for further information and guidance about Honors in Information Systems and Supply Chain Management.

To apply: <https://honorscollege.uncg.edu/lloyd-international-honors-college/academics/admissions-scholarships/disciplinary-honors-admissions/>.

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 be nominated to participate in the Accelerated Master's Program (AMP) by the Graduate Program Director. Students must have completed a minimum of 60 credit hours with at least 30 credits and a cumulative undergraduate GPA of at least 3.5 at UNC Greensboro.

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:

Code	Title	Credit Hours
ISM 646	Visualizing Data to Design Strategy	3
ISM 665	Principles of Cyber Security	3
ISM 671	Organizing Data for Analytics	3
ISM 673	Designing Secure Computer and IoT Networks for Business	3
ISM/SCM 678	Project Management for Dynamic Environments	3
SCM 650	Principles of Supply Chain Management	3
SCM 652	Strategic Cost, Procurement, and Supply Chain Finance	3

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.