



# MASTER OF SCIENCE IN INFORMATION TECHNOLOGY AND MANAGEMENT

The Bryan MSITM focuses on both information technology and managing technology resources, and prepares you to deal effectively with the complex issues of applying IT in an organizational setting. The award-winning MSITM faculty directs a variety of research projects that continuously incorporate both current and evolving information technology and management knowledge. In addition, faculty sponsors industry groups which enables them to maintain close linkages with the IT industry and local businesses. Other advantages that make the Bryan MSITM an ideal opportunity:

- Available both online and on campus, full or part-time.
- Open to all undergraduate disciplines.
- Completion time: 2–5 years, depending on background and course load.
- International students: 1st year online, 2nd on campus.
- Flexible and dynamic curriculum prepares you for collaborative work environments.
- Also offers 12–15 hr. online graduate certificates in Business Analytics; Information Assurance, Security & Privacy; and Information Technology.

## WHY UNCG

- Recognized as a Top 10 “Best Online College”
- Named a “Best College for the Money” by College Factual
- Recognized five years in a row by Victory Media as Military Friendly

## PROGRAM AT A GLANCE

- Among top 10% of business schools nationwide.
- AACSB International accreditation, both graduate and undergraduate, in business and accounting.
- Dynamic, state-of-the-art curriculum taught by award-winning faculty.
- Cohesive blend of IT and management courses teach you how to solve complex problems, make strategic decisions, and leverage IT to competitive advantage.
- Can be completed entirely online.
- Small classes; low student-to-faculty ratio.
- Professional graduate career services.

The University of North Carolina at Greensboro is a nonprofit university with affordable tuition and financial aid opportunities. For more info, please visit [online.uncg.edu](http://online.uncg.edu).

## ADMISSION REQUIREMENTS

- Online application and nonrefundable fee
- One official transcript from every college and university attended
- Three letters of recommendation
- Official GRE scores (Master’s only)\*
- Statement of interest

*\*Applicants with at least one of these qualifications below are eligible to be waived from the GRE requirement:*

- Prior graduate degree in a closely related field from a regionally accredited institution
- Member of Beta Gamma Sigma Honor Society
- Admission into the Accelerated Degree Program BS to MS-CARS
- Undergraduate GPA of at least 3.25 and minimum of five years of relevant industry experience, (as decided by the CARS Graduate Faculty)

## START DATES

To start in **August** apply before **July 1**

To start in **January** apply before **October 1**

## HOW TO APPLY

- Create a Spartan Link account [grs.uncg.edu](http://grs.uncg.edu).
- Complete the online application. Go to Apply to get started.
- Specify your planned major.
- Submit your \$65 nonrefundable fee
- Order your transcripts.

## CONTACT

**Bryan School of Business & Economics**  
Information Systems and Supply Chain Management  
The University of North Carolina at Greensboro  
336.334.5666 / [isscm@uncg.edu](mailto:isscm@uncg.edu)

[msitm.uncg.edu](http://msitm.uncg.edu)

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## COST AND FINANCIAL AID

Online courses at UNCG are priced lower than face-to-face courses and are competitive with other top-tier universities. Most courses are three credits.

PRELIMINARY 2018–19 Online Graduate Tuition & Fees				
Courses	Credit Hours	In-State	Out-of-State	Outside NC*
1	3	\$1,503.63	\$3,520.98	\$2,271.12
2	6	\$3,001.26	\$7,035.96	\$4,536.24
3	9	\$4,498.89	\$10,550.94	\$6,801.36
4	12	\$5,996.52	\$14,065.92	\$9,066.48

\* Outside North Carolina means education is received in a state other than North Carolina. Most students not living in North Carolina will fall into this category.

## WHAT ALUMNI SAY

*“As a student in the Bryan MSITM program, the principles I learned in the technology classes and the project skills from MBA courses have been key in my day-to-day work. I am always commended on having this diverse set of skills that is not common in a “techie” and I believe that the Bryan MSITM program is the reason for this.”*

Madhu Lakshmanan, Bryan MSITM  
Manager, Online Academic Services Department  
W.H. Carey School of Business  
Arizona State University

## CAREER SERVICES

- Summer internship program
- On-campus recruiting
- Career fairs
- Guest speaker series
- Résumé review
- Mock interviewing
- Tools such as CareerLeader, CareerBeam, CareerShift, and CareerInsider
- Counselors to assist with obtaining a professional internship or connecting with potential employers

## EMPLOYMENT OPPORTUNITIES

- Senior Applications Analyst, Sara Lee Corporation
- Senior Marketing Analyst, Gilbarco Inc.
- Technology Manager, Bank of America
- Software Engineer, City of Greensboro
- Lead Network Administrator, NC Baptist Hospital
- Web Developer, NC School of the Arts
- Senior Manager, American Electric Power

## CONCENTRATION IN BUSINESS ANALYTICS



One of the fastest growing segments of IT globally. 2014 IT Industry Forecast reported 60% of executives intended to increase yearly salaries for business intelligence and big data handling. Gain the knowledge, skills, and tools to collect, manage, use, and share information to support business operations in all aspects. Co-sponsored by SAS products and materials available through Teradata University Network.

## CONTACT

### Department of Information Systems and Supply Chain Management

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# MASTER OF SCIENCE IN INFORMATION TECHNOLOGY AND MANAGEMENT

## PROGRAM REQUIREMENTS

A minimum of 30 credit hours of graduate-level courses. Without an appropriate academic or professional background in business, you may need to take courses in Basic Business Knowledge. Most courses are 3 credit hours.

### Basic Business Knowledge (6 credit hours)

ACC 201: Financial Accounting  
SCM 302: Operations Management

### Core (24 credit hours)

ISM 671: Data Management  
ISM 672: Web Programming  
ISM 673: Telecommunications and Networks  
ISM 674: Systems Analysis and Design  
ISM 675: Models and Methods in Business Analytics  
ISM 676: Information Security and Privacy  
ISM 677: Information Systems Management  
ISM 678: Project Management

### Thesis and Non-Thesis option (6 credit hours)

ISM 699: Thesis in Information Technology (6 credit hours)  
-or-  
ISM 698: Capstone in Information Technology (3 credit hours)

### Concentration in Business Analytics

Thesis and Non-Thesis Options (6 credit hours)  
ISM 699: Thesis in Information Technology (6 credit hours)  
-or-  
ISM 685: Business Analytics for Competitive Advantage (3 credit hours)  
ISM 688: Projects in Business Analytics (3 credit hours)  
Elective (3 credit hours)

### IT

ISM 679: Special Topics in Information Systems

### Management

MBA 701: Quantitative Analysis for Decision Making  
MBA 702: Financial and Managerial Accounting  
MBA 715: Integrative Business  
MBA 716: Leadership and Sustainable business

*\* Most Basic Business Knowledge classes and Management electives are part of the MBA Program and are taught on campus.*

### Supply Chain

SCM 550: Supply Chain Management Concepts and Principles  
SCM 651: Transportation, Logistics and Distribution Management  
SCM 652: Strategic Cost, Design, Procurement and Contracts

### Graduate Certificate Options

In addition to the MSITM, the Bryan School offers online certificate programs that can be completed in 12-15 credit hours. Credits from the certificate programs may be combined with the Bryan MBA or transferred to the Bryan MSITM.

- Business Analytics
- Information Assurance, Security & Privacy
- Information Technology

# MASTER OF SCIENCE IN INFORMATION TECHNOLOGY AND MANAGEMENT

## SAMPLE SCHEDULE — 2 YEAR

Ideal for: A full time student who has minimal work and family commitments.  
*\*Indicates a prerequisite that can be satisfied from undergraduate coursework.*

Year 1	
<b>Fall</b>	ISM 671 Data Management ISM 672 Webprogramming *SCM 302 or SCM 650 Supply Chain Mgt Concepts and Principles
<b>Spring</b>	ISM 673 Telecom Networks ISM 672 Information Systems Management *ACC 201 Financial Accounting or equivalent
<b>Summer</b>	ELECTIVE
Year 2	
<b>Fall</b>	ISM 674 Systems Analysis and Design ISM 675 Business Analytics
<b>Spring</b>	ISM 676 Information Privacy and Security ISM 678 Project Management ISM 698 Capstone Project
<b>Summer</b>	ELECTIVE

## SAMPLE SCHEDULE — 3 YEAR

Ideal for: A student earning a degree while also working full-time and/or raising a family.  
*\*Indicates a prerequisite that can be satisfied from undergraduate coursework.*

Year 1	
<b>Fall</b>	ISM 671 Data Management *SCM 302 or SCM 650 Supply Chain Mgt Concepts and Principles
<b>Spring</b>	ISM 673 Telecom Networks *ACC 201 Financial Accounting or equivalent
<b>Summer</b>	ELECTIVE
Year 2	
<b>Fall</b>	ISM 674 Systems Analysis and Design ISM 672 Webprogramming
<b>Spring</b>	ISM 672 Information Systems Management ISM 676 Information Privacy and Security
<b>Summer</b>	ELECTIVE
Year 3	
<b>Fall</b>	ISM 675 Business Analytics
<b>Spring</b>	ISM 678 Project Management ISM 698 Capstone Project
<b>Summer</b>	ELECTIVE