

Master of Science in

INFORMATION TECHNOLOGY AND MANAGEMENT

Deal effectively with the complex issues of applying IT in an organizational setting with research projects that continuously incorporate both current and evolving information technology and management knowledge.

Program at a Glance

- 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 online or through a mix of online and on-campus classes
- Small classes; low student-to-faculty ratio
- Professional graduate career services

Program Features

- Available online or on campus, full or part-time
- Open to all undergraduate disciplines
- Completion time: 1–5 years, depending on background and course load
- International students: two years on campus, two courses online
- Flexible and dynamic curriculum



Among Top Business Schools Worldwide

The Bryan School of Business and Economics is among 1 percent of business schools worldwide to hold dual accreditation in business and accounting from the Association to Advance Collegiate Schools of Business (AACSB) International.

[Learn More >](#)

Concentrations

Business Analytics

- ISM 645 Principles of Predictive Analytics
- ISM 646 Visualizing Data to Design Strategy
- ISM 647 Cognitive Computing and Artificial Intelligence Applications for Business

Cyber Security

- ISM 665 Principles of Cyber Security
- ISM 666 Blockchains and Cryptography
- ISM 667 Global Cyber Threat Analysis

Supply Chain Management

- SCM 650 Principles of Supply Chain Management
- SCM 651 Analytics for Logistics and Distribution Management
- SCM 652 Strategic Cost, Procurement, and Supply Chain Finance

The Curriculum

Program completion requires 30 credit hours. 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.

Core Courses

- ISM 671 Organizing Data for Analytics
- ISM 672 App Design and Programming
- ISM 673 Designing Secure Computer and IoT Networks for Business
- ISM 678 Project Management for Dynamic Environments

Electives

- ISM 645 Principles of Predictive Analytics
- ISM 646 Visualizing Data to Design Strategy
- ISM 647 Cognitive Computing and Artificial Intelligence Applications for Business
- ISM 665 Principles of Cyber Security
- ISM 666 Blockchains and Cryptography
- ISM 667 Global Cyber Threat Analysis
- ISM 670 IT Driven Disruptive Innovation Management
- ISM 677 Information Systems Management

- SCM 650 Principles of Supply Chain Management
- SCM 651 Analytics for Logistics and Distribution Management
- SCM 652 Strategic Cost, Procurement, and Supply Chain Finance

Capstone

- Thesis option:
 - ISM 699 Thesis (6 credits)
- Non-thesis option:
 - ISM 678 Project Management for Dynamic Environments
 - Elective course (3 credits)

[View Course Descriptions >](#)

Graduate Certificates

In addition to the MSITM, the Bryan School offers online certificate programs that can be completed in 12 credit hours:

- Business Analytics
- Cyber Security
- Information Technology

Credits from the certificate programs may be combined with the Bryan MBA or transferred to the Bryan MSITM.

Concentration in Business Analytics

Prepare for a projected 22 percent increase in business analyst jobs and 28 percent increase in cyber security jobs (U.S. Bureau of Labor Statistics). Our curriculum is aligned with major industry certifications, including Red Hat, SAP, and SAS.

The master's program offers a high level of flexibility and customization. Start with a certificate or two, or enroll immediately in the degree-seeking program. Take classes online or on campus, full time or part time. You can also customize your degree by pursuing a concentration or certificate.

Career Services

- Summer internship program
- On-campus recruiting
- Career fairs
- Employer spotlight series
- Résumé review
- Mock interviewing
- Tools such as CareerShift and Handshake
- Dedicated graduate student professional development specialist

Our Graduates

Our graduates hold a variety of positions, such as:

- 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

What Graduates 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 Lakshmananm, Manager
Online Academic Services Department
W. H. Carey School of Business
Arizona State University

Cost

Estimated Tuition & Fees (2020–21)

In-State ⓘ — *This rate applies if you receive online education in NC and you're a legal resident of NC.*

Per credit hour..... \$500
 Est. program cost..... \$14,999

Outside NC ⓘ — *This rate applies if you receive online education in a state other than NC.*

Per credit hour.....\$756
 Est. program cost.....\$22,674

Out-of-State ⓘ — *This rate applies if you receive online education in NC and you're a legal resident of a state other than NC.*

Per credit hour.....\$1,173
 Est. program cost.....\$35,172

Financial Aid

Visit [Financial Aid](#) to find out what's available for online students.

Important Dates

To start in:	Apply by:
Fall.....	June 15
Spring.....	November 15
Summer.....	April 1

Next Steps

Admission Requirements

- Bachelor's degree from accredited college or university
 - Personal statement
 - Three letters of recommendation
 - Official transcripts
 - Résumé
 - TOEFL for non-native English speakers
 - Official GMAT or GRE scores*
- *Applicants with at least one of these qualifications are eligible to be waived from the GMAT/GRE requirement:
- Membership of Beta Gamma Sigma Honor Society
 - Admission into the Accelerated Degree Program BS to MSITM
 - Undergraduate GPA of at least 3.3 and minimum of five years of relevant industry experience (as decided by the MSITM Graduate Faculty)
 - Completion of a graduate certificate from this department with a minimum 3.0 GPA

How to Apply

Visit [The Graduate School](#) for application instructions.

Learn More

Bryan School of Business and Economics:
 Department of Information Systems and Supply Chain Management

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