InformatIon systems
Program snapshot
the master of science in business:
INFOrmatIon systems

The Master of Science in Business: Information Systems degree will prepare you to lead in the ongoing technology revolution. Throughout the curriculum, our goal is to help you:

- Develop the latest technical skills
- Learn to use technology to create maximum strategic and tactical value
- Effectively manage enterprises by leveraging technology in all aspects of the business process
- Position yourself to work for a variety of organizations in exciting roles that are literally changing the world
- Learn from one of the top faculties in the world

You’ll learn from the best minds in information systems today. The Smith School’s information systems faculty are thought leaders in the IS field, with programs and research productivity consistently ranking in the top 10 in the world. Individual faculty members serve as consultants and advisors to Fortune 500 and multinational corporations. They are acknowledged experts in social media and Web 2.0 technologies, database management, transformational and disruptive technologies, project management and business analytics.

Program format
Designed for full-time students but also available to students who wish to take fewer credits per semester. Students are admitted each August and may complete the program in 9 or 15 months.

Core courses
The core courses are designed to build a solid foundation in three areas:

- Technical core
  - Business Process Analysis for IS
  - Database Management
  - Data Networks and Infrastructures

- Analytics core
  - Data Models and Decisions
  - Choose two of the following:
    - Computer Simulation for Business Applications
    - Data Mining and Predictive Analytics
    - Decision Analytics

- Business core
  - Managing Digital Business Markets
  - Project Management in Dynamic Environments
  - Strategic and Transformational IT

Elective courses
Students may select elective courses based on interests and career goals. Electives are designed to build strength in one of the three core areas, or build knowledge in a functional domain, such as Healthcare, Operations Management or Marketing.

Some popular electives include:
- Data Processing in Python
- Entrepreneurship and New Ventures
- Global Sourcing and Innovation Strategy
- Google Online Challenge
- Healthcare IS
- Security
- Social Media and Online Analytics
- Decision Analytics

Admissions requirements
- Online application, including resume, essay and fee
- Transcripts from all undergraduate and graduate schools attended
- Two letters of recommendation
- GMAT or GRE test scores
- TOEFL or IELTS scores
  (13 English is not your primary language)

The Washington, D.C.-metropolitan region offers a wealth of employment opportunities in private industry, government and the not-for-profit sector. Our campuses are at the heart of it all and helping you make connections with great employers is our goal.

Find out more
rhsmith.umd.edu/ms/infosys
301.405.2559 | masters@rhsmith.umd.edu

Connect with the Smith School:

INFORMATION SYSTEMS MASTERY STARTS—RIGHT HERE—
IN ONE OF THE STRONGEST IT REGIONS IN THE UNITED STATES—AN IDEAL PLACE TO LEARN, WORK AND NETWORK.
Information is a strategic asset to any organization. How information is organized, managed and made available to decision makers can be the key to gaining a competitive advantage. And the systems that capture, support and analyze a firm’s information can be the difference between a firm that survives and a firm that soars. Understanding technology and gaining the knowledge to manage it is your key to success and the goal of the Master of Science in Business: Information Systems program.

A Master’s degree is an excellent value — and an excellent investment in your future.

- Jumpstart your job search through the Office of Career Services
- Attend career fairs and network with employers
- Finish in as few as 9 months
- Gain specialized knowledge and skills and become an asset to any organization

Many opportunities for professional development and networking are available for students throughout the academic year, including events such as:

- The University of Maryland Entrepreneurship Invitational (Cupid’s Cup Business Competition)
- The Emerging Markets Forum, hosted by the Center for International Business, Education and Research (CIBER)
- CEO@Smith speaker series

Our College Park campus is easily accessible from Washington, D.C.-metropolitan region.

For more than 10 years, Smith has consistently ranked among the nation’s best in intellectual capital by the Financial Times — A testament to our faculty’s thought leadership in the business world.

We’re not all business. Our MS students enjoy a wide variety of social events and community-building activities during their time at Smith.