

PROGRAMS

Information Systems Major

- Business Analytics Focus
- Enterprise Information Systems Focus
- Network Security Focus

Minors

- Business Analytics
- Enterprise Information Systems
- Information Systems

About the Department

The Information Systems and Operations Management Department in the Perdue School of Business offers an information systems major with four areas of focuses and three minors. Mirroring the varied nature of the information systems field, the information systems major consists of a combination of required courses, electives and an internship or capstone project. The course offerings prepare students for a wide variety of IS careers. Students in other areas of business and non-business majors may also add an information systems major or minor to increase their value to potential employers. Our department takes pride in having the most ethnically diverse student population among all majors within the business school.

What Is Information Systems?

Information Systems (IS) refers to technology designed to collect, process, store and distribute information. In business and organizations, information systems support operations, decision-making, communication and strategic planning. It encompasses both the technology (hardware and software) used and the way people interact with this technology to manage and organize data effectively.

Information systems and operational management focuses on how businesses use technology to solve problems, optimize operations and achieve their objectives.

What Is Operations Management?

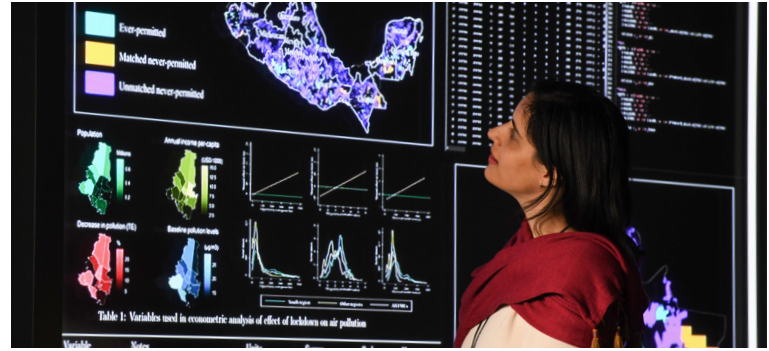
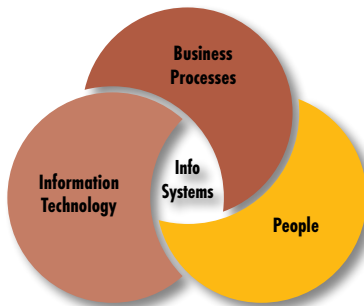
Operations Management (OM) focuses on optimizing processes to improve efficiency and effectiveness within an organization. OM prepares students with the skills to manage production, delivery of goods and services across different sectors. OM helps organizations streamline, reduce costs and enhance productivity. OM plays a crucial role in various industries, such as manufacturing, health care and retail.

Who Are the Faculty?

A key feature of the department is its faculty. As excellent teacher scholars, they are highly committed to student learning. Our faculty employ a variety of innovative classroom tools and methods to engage students, including in-class small group activities, team projects, and web-based delivery of instructional materials. The department faculty continuously pursue professional research and development activities that contribute to their field of knowledge and help them maintain professional currency. They publish research in areas such as IT strategy, business analytics, supply chain management, business Intelligence, mobile payments, business value of IS, artificial intelligence in business applications, offshoring, project management and digital transformation in developing countries.

Who Are the Majors?

Information systems majors enjoy problem solving, information technologies, working with diverse people and teams, and can look forward to a variety of exciting career paths. Graduates have gone to work in management consulting firms, IT software and services, public and private corporations, defense, and government. They work in large and small enterprises regionally, nationally and internationally.



CAREER OPPORTUNITIES

Students who have graduated from the Information Systems and Operations Management Department have been qualified to pursue a variety of careers in IT such as:

- Business Analytics Professional
- Business Systems Analyst
- Database Administrator
- Enterprise Application Specialist
- Information Systems Manager
- Information Systems Technicians
- IT Audit and Risk Assurance Associate
- IT Project Manager
- Network and Security Specialist
- Technical Support Specialist

Recent graduates have been hired by firms such as:

- Boeing
- Cisco
- Department of the Navy
- Ernst & Young
- Fiserv
- Grant Thornton, LLP
- KPMG
- NASA
- NextEra Energy
- Northrup Grumman
- Perdue Farms
- Pricewaterhouse Coopers
- RSM
- SAP Americas
- Under Armour
- Whiting-Turner

FACULTY

Chair

- Professor Jing Quan, Ph.D.
University of Florida

Professors

- Eugene Hahn, Ph.D.
George Washington University
- Hoon Cha, Ph.D.
University of Arizona

Associate Professors

- Minseok Park, Ph.D.
University of South Carolina
- Yun Wu, Ph.D.
Auburn University

Assistant Professors

- Steve Essi, Ph.D.
Virginia Commonwealth University
- Brad Lee, Ph.D.
Boston University
- Vince Nan, Ph.D.
Bentley University
- Yuqi Peng, Ph.D.
University of South Carolina

Professors of the Practice

- Laura Anderson, M.S.Mgmt.
University of Maryland Global Campus
- William Burke Jr., M.Ed.
Wilmington University
- Sumathy Chandrashekar, M.B.A.
Salisbury University

CONTACT INFORMATION

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