



The Charles F. Dolan School of Business



Information Systems and Operations Management



ISO & OM at Fairfield

The rapid growth of computer technologies has significantly impacted the decision-making process regarding short- and long-range planning, operational controls, and strategic initiatives among corporations, professional firms, governmental agencies, and non-profit organizations. Innovative practices are a necessity for their success in an environment that is becoming increasingly competitive and global in nature. The demand for individuals with competencies in the development, implementation, and operation of computer-based information systems, and in the strategic and logistical aspects of operations management, is now, and will continue to be, a major aspect of the business environment.

As a student in information systems and operations management at Fairfield, you have the opportunity to prepare yourself for a rewarding career in this field. Your studies include, but are not limited to, courses in systems theory and applications, strategic planning, process analysis, and computer and communications technologies. The program is structured within the context of the broad liberal education provided to all Fairfield students.

The Charles F. Dolan School of Business offers a flexible curriculum allowing you to add another discipline to your information systems and operations management program, to prepare for graduate study, and to develop skills to participate in research and internship opportunities with the many companies in the region.

The Charles F. Dolan School of Business is accredited by AACSB. AACSB accreditation represents the highest standard of achievement for business schools worldwide and is the hallmark of excellence in management education. This accreditation confirms our commitment to quality and continuous improvement through a rigorous and comprehensive peer review.

Liz Monari

Major: Information systems



“Throughout my Information Systems curriculum, my mind and eyes have been opened to the possibilities provided by technology which enhance and shape the world in which we live. Additionally, being an Information Systems major has taught me to ask the right questions and to think outside the box when solving problems. This alternative method of thinking and knowing the right questions to ask has not only enhanced how I have performed in my Information Systems and Finance classes, but has greatly impacted and supplemented my overall academic Fairfield experience in general.”

For further information, please contact:

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Fairfield
UNIVERSITY

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Course of Study

Majors in the Information Systems and Operations Management Department complete the general education core program, required of all Fairfield students, and a business core that provides an introduction to accounting, economics, decision-making, strategies, ethics, law, and other aspects of business, both domestic and international. All information systems majors also complete the following:

- Systems Analysis and Logical Design
- Databases and Data Management

Any two of the following upper-division courses:

- Systems in Organizations
- Systems Design and Implementation
- Systems Project

In addition, majors choose two from among the following:

- Global Information Systems
- Service Operations
- Global Logistics and Supply Chain Management
- Strategic Management of Technology and Innovation
- Business Telecommunications and Networks
- Project Management
- Management Science with Spreadsheets
- Introduction to Business Programming
- Technology and Society
- Special Topics in Business Computing

To add breadth and depth to your business education, you may choose to supplement your major with another business major or a minor in finance, international studies/international business, management, marketing, or business law, regulation and ethics. Students majoring in other disciplines may also earn a minor in information systems.

Internships and Honors

Information systems and operations management students are continually sought for internships by regional business firms and non-profit agencies. Once you have the qualifications and the desire to be involved in a business project, you can expect opportunities in the field. Frequently, internships lead to postgraduate employment.

Among the firms who have placed our majors recently are GE Capital, AT&T, IBM, United Technologies, and the Gartner Group.

Students are required to undertake team projects, addressing the real needs of business and non-profit organizations. Some students have done research in collaboration with faculty and have shared credit as co-authors of published papers.

Life After Fairfield

General Electric has consistently hired information systems and operations management graduates from Fairfield for its competitive fast-track training program. Other students who have gone directly into business have found positions as analysts at such firms as PricewaterhouseCoopers, AT&T, IBM, UBS, General Electric, and McKinsey & Company.

Program alumni have also pursued graduate programs at institutions including MIT, Columbia, Fairfield, Fordham, Wharton, New York University, and the University of Connecticut.

Faculty

The program's distinguished faculty includes:

Gerard M. Campbell

Ph.D., Indiana University
Operations management, logistics, engineering techniques, information technology, operations research

Xin James He

Ph.D., Pennsylvania State University
Operations management, supply chain management, e-commerce, economics of information technology

Christopher Huntley

Ph.D., University of Virginia
Information system design, database management, operations management, applied operations research

Patrick Lee

Ph.D., Carnegie Mellon University
Technology management, information systems, quality management, operations research



*Christopher Huntley,
chair*

Yasin Ozcelik

Ph.D., Purdue University
Economics of information systems, business models in electronic commerce, information privacy and security

Winston M. Tellis

Ph.D., Nova Southeastern University
Information technology, network analysis and design, data communication systems, programming languages

Vishnu Vinekar

Ph.D., University of Texas at Arlington
Business value of IT, project management, system development, IS strategy

Real-World Education

Students use an "active learning immersion" model. You work on self-directed teams to apply concepts to local business environments, testing their assumptions and redesigning them to adapt to various circumstances. The real-world applications, the use of business cases, and the corporate and professional experience of the faculty provide an understanding of today's business environment. You are challenged to keep abreast of technological changes and to learn how to use them in competitive business situation.