

THE FIELD

The fields of operations management and information systems, and the integration of these two powerful disciplines, reflect what is tried and true in business and what is new. Operations management is a traditional business discipline that focuses on the efficiency and effectiveness of business processes, going all the way back to the automation of car production in the early 20th century. Information systems, or management information systems, became a traditional business discipline a century later with the dot-com boom, focusing on the efficiency and effectiveness provided through information systems. Together, these fields support the entire business value chain, and are driving the future of business through the innovative field of analytics.

There is no minor available in operations and information management.

THE MAJOR

The operations and information management (OIM) major offers the next generation of tech-savvy problem solvers hands-on experiences and an innovative curriculum that allow students to encounter the complex problems they'll face on the job. The education and training that Isenberg OIM majors receive—intersecting operations, information systems, supply chain, analytics, business intelligence, transportation, project management, and logistics knowledge—positions them advantageously for highly successful careers in several areas of business, including business analytics. OIM majors take positions in a broad spectrum of companies, including Amazon, Bose, C&S Wholesale Grocers, Dell, Deloitte, Ernst & Young, FedEx, Grant Thornton, IBM, Macy's, Pratt & Whitney, Oracle, PWC, RSM, Target, Teradyne, TJX, and UTC.

Students obtain hands-on experience with critical tools that represent best-in-class business analytics applications. These tools enhance specific courses that focus in business intelligence and analytics, supply chain analytics, business processes and enterprise systems, data mining, and project management. Students may select one of three tracks: integrated operations management and analytics, information systems and analytics, or supply chain management. In addition, OIM majors can easily obtain the Isenberg Certificate in Business Analytics, increasing their analytics skills and enhancing their résumé.

HONORS

Students may pursue honors opportunities with Commonwealth Honors College (413-545-2483, info@honors.umass.edu).

STUDY ABROAD

Students are encouraged to study abroad if it supports their academic and career goals. Students should contact the International Programs Office (413-545-2710, umass.edu/ipo) and work closely with their academic advisor to choose the appropriate courses in preparation.

The Isenberg School offers several unique short-term study abroad options that combine class time at UMass with a study abroad experience led by Isenberg faculty. Recent trip destinations have been to Italy, the Czech Republic, Hungary, South Africa, Ireland, India, the United Kingdom, France, and beyond.

CAREER OPPORTUNITIES

The Office of Career Success is dedicated to helping students explore career paths and find opportunities that allow them to grow and succeed as young professionals. We encourage students to pursue internships and other field-based experiences as part of the learning process. Our career coaches and faculty work with students 1:1 and in classes to help them navigate this important time in life and make career decisions that yield a future of meaning and satisfaction. Graduates of the operations and information management major pursue a career as data analyst, supply chain analyst, IT analyst, project manager, systems analyst, procurement specialist, operations manager, or risk assurance analyst. Our students start careers in industries such as information management and technology, manufacturing and supply chain, advisory, assurance and consulting, risk management, quality assurance, and financial services. The demand for qualified people in this field is great and growing every year. The variety of career opportunities provides students with many options.

ISENBERG SCHOOL OF MANAGEMENT

Isenberg is committed to introducing its students to the education, experiences, and executives that will make them effective leaders, dynamic team players, and change agents in the diverse world of business. Isenberg's unique culture sparks community and collaboration, and its entrepreneurial spirit encourages creativity in tackling today's biggest challenges to prepare its students for future positions of responsibility. Students may pursue an education in a variety of business disciplines represented by majors in seven departments and two degree programs. The program is directed toward the broad aspects of business, encouraging high standards of ethical conduct, social responsibilities, and the development of competence in particular courses of the student's own interests, aptitude, and choice.

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