



Operations and Supply Chain Management

Students in the Operations Management and Analysis Program develop the ability to model real business operations using appropriate analytical tools and advanced technology, solve relevant business problems, and communicate those solutions to senior management. Students understand the operational issue facing organizations and interaction of operations managers with other functional areas, preparing them for positions in improvements in quality, efficiency, and productivity, and how a system-wide approach to making operating decisions benefits the entire organization, leading to improved competitiveness.

Careers

The operations and supply chain management (OSCM) major offers challenging and rewarding opportunities in:

- manufacturing and quality management
- distribution and logistics
- service operations
- supply chain management
- business analysis

Entry-level positions taken by our graduates include

- quality engineer
- business analysts
- resource planner
- operations analyst
- production control specialist

Operations and supply chain management majors are prepared to begin the certification process for APICS, the Association for Operations Management, and may work toward either the CPIM or the CSCP. For more information about these certifications, see www.apics.org.



OSCM STUDENTS TAKE CLOSE 2ND AT GREAT LAKES COMPETITION

The Scott College of Business' Operations Management team took second place last year out of 23 teams at the APICS Great Lakes Regional Student Case Competition. The ISU team actually tied for second with the University of Illinois – the first time they had ever had a tie for that high of a position. First place went to University of Indianapolis . . . by one point!

The Scott College of Business is very proud of its team, which consisted of ISU business students Ashlee Taylor (who also gave the oral presentation), Caitlin Hancock, Trevor Jennings, David Somheil, and Elliot Booe.

Student Involvement

Operations and supply chain management students are active learners, with real-world projects in all upper-level major courses. Whether you are studying the supply chain of a local manufacturer or developing an optimal decision model for a client, you will work with real data to formulate real solutions for real organizations. OSCM students work closely with the Central Indiana chapter of APICS, attending both local and international professional development activities, competing in case competitions, and networking with industry leaders.

Scholarships

There are several scholarships and financial awards designated specifically for operations management and analysis majors and other scholarships available only to Scott College of Business majors and minors. For more information go to: www.indstate.edu/business/scholarships.



Curriculum

The operations and supply chain management major at Indiana State University includes eight classes in advanced operations management and analytical topics beyond the business core classes and the university's general education program. Course topics include advanced business statistics, decision modeling, advanced operations management, supply chain management, business process improvement, forecasting, and decision analysis. Students also have the opportunity for hands-on experience with SAP, the world leader in enterprise resource planning (ERP) software.

All Scott College of Business majors take two business statistics classes and one principles of operations management class as part of the core curriculum. Business majors who want to minor in operations management and analysis can do so by choosing 12 hours of upper level OSM courses.

Faculty



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Alumni Spotlight



Mindy Krol is a quality engineer in the Diabetes Care division at Roche Diagnostics at their North American Headquarters in Indianapolis, IN. She supports the diabetes test strip manufacturing operations by leading product investigations and implementing process improvements. She also assists the processing development group with determining various requirements for validations. She graduated from ISU in 2000.



Keith Richards is director of quality for Crown Equipment Corp of Ohio. He travels frequently to Crown's locations

around the world and contributes to the future of the company through innovation, product development, and customer support. Keith graduated from ISU with an OMA degree in 2000. In 2005 he was honored by Indiana State as a recipient of the GOLD (Graduates of the Last Decade) Award. He is currently a member of the Scott College Young Professionals Board.



Kristen Hughes is a Six-Sigma/CPS (Caterpillar Production System) Black Belt in Manufacturing Logistics. She leads teams in the use of Six-Sigma and LEAN

tools to reduce waste in material handling and distribution processes. She has worked in several positions for Caterpillar including Server Administration, Data Center Planning and Logistics Operations. She graduated from ISU in 1997 with a double major in OMA and Management Information Systems.

Find Out More

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