

OPRE6369 - Supply Chain Software with SAP

[OPRE 6369](#) ([MIS 6369](#)) Supply Chain Software with SAP (3 semester credit hours) The course introduces planning and execution of supply chains with software such as SAP's S/4 HANA, Advanced Planning and Optimization (APO) and Integrated Business Planning (IBP) with case discussions and lab exercises. Students also get exposure to the new GUI SAP Fiori. Blockchain and AI applications will also be introduced. This software is used in lab exercises that provide students with hands-on, experiential learning. The focus is on the supply planning function of supply chain management. Topics include: fundamentals of ERP and SAP, master and transaction data, MRP, forecasting, supply and demand matching. This course is intended for graduate students with interests in software-based supply chain management or digital supply chains. No SAP experience is required. Emerging trends including Artificial Intelligence and Blockchain Solutions in supply chain systems will also be discussed. (3-0) S