

OPRE4320 - Integrated SCM Information Systems

[OPRE 4320](#) Integrated SCM Information Systems (3 semester credit hours) This course focuses on the concept of an integrated supply chain management system and digital supply chain using SAP's S/4 HANA Enterprise Resource Planning System and the new user interface SAP Fiori using case studies and hands-on experience with SAP modules. Students will: 1) learn the elements of an ERP application, 2) understand the concepts of end-to-end supply chain management, 3) define the basic master data needed to create a supply chain plan, 4) forecast demand using several statistical methods, 5) plan inventories using MRP and re-order point techniques, 6) execute the supply chain plan through the production process, and 7) view the completed inventories after production. Prerequisite: [ITSS 3300](#). (Same as [ITSS 4343](#)) (3-0) Y