

Digital Supply Chain Management

Undergraduate Minor Facts Sheet

Overview:

Success in today's marketplace requires that organizations deliver products and services that provide easily identified value for their customers. This minor draws on strengths within three departments to integrate source (strategic procurement and supply management), production (manufacturing and service operations), and delivery processes (demand fulfillment), with a focus on the use of information technologies as the critical enabler of supply chain efficiencies and responsiveness.

The Digital Supply Chain Management Minor is designed to give the student the tools and ideas that help shape and define the various components of value creation. Students can gain knowledge and skills in the full spectrum of supply chain activities: supplier relationships, purchasing management, operations and inventory management, logistics and transportation, quality management, and information technology.

Requirements:

The Minor in Digital Supply Chain Management requires 15 hours of course work, as follows:

1) One of the following courses:

BUS 3360 Business Operations
ME 5135 Manufacturing

2) ERP 5310 Supply Chain Management Systems in an ERP Environment

3) One of the following courses:

ERP 4610 Customer Relationship Management
ME 5760 / AE 5760 Probabilistic Engineering Design

4) Two of the following courses*:

ERP 5410 Use of Business Intelligence
ERP 5110 Enterprise Resource Planning Systems Design and Implementation
ME 5708 Rapid Product Design and Optimization
ME 5656 Design for Manufacture
ME 5757 Integrated Product and Process Design
ME 5763 Principles and Practice of Computer Aided Design

* Non Business & Information Technology students must select ERP 5110 as one of the two electives.