SUPPLY CHAIN MANAGEMENT (SC)

Course numbers with the # symbol included (e.g. #400) have not been taught in the last 3 years.

SC 671 - Supply Chain Analytics
Credits: 4
The course focuses on the quantitative side of Supply Chain Management (SCM) by applying both Descriptive and Prescriptive Analytics to SCM business scenarios. In Descriptive Analytics, students learn to use the principles of data visualization, data cleanup and wrangling, advanced data analysis and visualization tools, and dashboard design to develop and communicate Supply Chain Performance Metrics. In Prescriptive Analytics, students learn how to use advanced spreadsheet modeling/programming, optimization techniques, and sensitivity analyses to model, analyze, and optimize Supply Chain Networks.
Prerequisite(s): ADMN 410 with a minimum grade of C- and ADMN 510 with a minimum grade of C-.
Mutual Exclusion: No credit for students who have taken DS 671.
Grade Mode: Letter Grading

SC 680 - Global Supply Chain Management
Credits: 4
Global Supply Chain Management is a required course in the Supply Chain Management Option offered by the Decision Sciences Department at the Peter T. Paul College of Business and Economics. In this course students will explore various aspects of today's global supply chains as we cover five integrated learning modules: (1) Networks, Technology & People. (2) Supply & Demand Planning. (3) Sourcing & Supplier Management. (4) Operations & Logistics. (5) Margin Optimization & Customer Management.
Grade Mode: Letter Grading

SC 775 - Supply Chain Management Project Experience
Credits: 4
The Supply Chain Management Project Experience (DS 776) course is a required course in the undergraduate Supply Chain Management (SCM) option. In this course, students will work in groups of four (adjusted as needed based on course size and projects) on projects identified by sponsoring organizations. Students will actively engage in projects in the supply chain management space to deliver value to a real-world client. Project activities may include, but not be limited to, strategic sourcing analysis, logistics network optimization, new product launch strategy, inventory analysis, supplier sustainability audits, product model and pricing rationalization, etc. Students will participate in meetings and discussions with clients and project team members including project managers. In addition, students will work closely with a faculty member who will help them integrate the conceptual frameworks and SCM tools learned at Paul College with the challenges of their real-world experience.
Prerequisite(s): SC 680 (may be taken concurrently) with a minimum grade of C-.
Grade Mode: Letter Grading