

SCM.261/15.771 CASE STUDIES IN LOGISTICS AND SCM

DR. JONATHAN BYRNES

Tue/Thu 1:00pm – 2:30pm, starts March 29th

A combination of lectures and cases covering the strategic, management, and operating issues in contemporary logistics and integrated supply chain management. Includes: logistics strategy; supply chain restructuring and change management; and distribution, customer service, and inventory policy.
(6 units, H4 term, room E52-164)



SCM.266 FREIGHT TRANSPORTATION

DR. CHRIS CAPLICE

Tue/Thu 8:30am – 10:00am, starts March 29th

Provides an in-depth introduction to the fundamental concepts and techniques related to the design, procurement, and management of freight transportation. Examines freight transportation as a bridging function for a firm, considering the physical flow of raw materials and finished goods as well as connections to suppliers and customers.

(6 units, H4 term, room E51-145)

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SCM.283 HUMANITARIAN LOGISTICS

DR. JAROD GOENTZEL

Mon/Wed 2:30pm – 4:00pm, starts January 31st

Explores how logistics management improves response to humanitarian crises stemming from natural disasters, armed conflicts, epidemics, and famine. Provides students with knowledge of the humanitarian context and fundamental supply chain concepts, as well as practice applying new knowledge in developing and communicating plans and policies to address realistic problems. (6 units, H3 term, room E51-151)

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SCM.287 GLOBAL AGING & THE BUILD ENVIRONMENT

DR. JOE COUGHLIN

Fridays 2:00pm – 5:00pm, starts February 4th

Students examine the impacts of global demographic transition, when there are more older than younger people in a population, and explore emerging challenges in the built environment (e.g., age-friendly community planning, public transportation access, acceptance of driverless cars, social wellbeing and connectivity, and the public health implications of climate change and aging). (12 units, full term, room 9-450A)

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SCM.289 E-COMMERCE AND OMNICHANNEL FULFILLMENT STRATEGIES

DR. EVA PONCE

Tue/Thu 8:30am – 10:00am, starts February 1st

Explores supply chain challenges when implementing omnichannel strategies. Develops an in-depth understanding of how customers' expectations and e-commerce is transforming warehouses operations. Discusses the most relevant traditional warehouses operations and the most innovating fulfillment models in e-commerce and omnichannel.
(6 units, H3 term, room E51-145)

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SCM.290 SUSTAINABLE SUPPLY CHAIN MANAGEMENT

DR. JOSUE VELAZQUEZ

Mon/Wed 4:00pm – 5:30pm, starts March 28th

Focuses on analyzing the environmental implications of logistics decisions in the supply chain, with special focus on the effect of green transportation, and the new trends in logistics sustainability within the context of growing urbanization and e-commerce. Examines the delivery of "fast" and "green" in the new digital era and environmental costs of fast-shipping e-commerce. (6 units, H4 term, room E51-145)

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SCM.291 PROCUREMENT FUNDAMENTALS

DR. DAVID CORRELL

Tue/Thu 1:00pm – 2:30pm, starts February 1st

Introduces strategic procurement fundamentals to enhance both competitive advantage and resilience to supply chains. Covers frameworks and tools that managers use to elevate purchasing from an operational function to a strategic one. Includes both classic resilience- and cost-based portfolios, as well as modern perspectives, which consider sustainability and power. (6 units, H3 term, room E52-164)

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SCM.293 URBAN LAST-MILE LOGISTICS

DR. MATTHIAS WINKENBACH

Tue/Thu 10:00am – 11:30am, starts March 29th

Explores specific challenges of urban last-mile B2C and B2B distribution in both industrialized and emerging economies. Discusses traditional and innovating operating models for urban last-mile distribution. Introduces applications of the essential quantitative methods for the strategic design and tactical planning of urban last-mile distribution systems, including optimization and simulation. (6 units, H4 term, room E51-057)

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SCM.294 DIGITAL SUPPLY CHAIN TRANSFORMATION

DR. MARIA JESUS SAENZ

Tue/Thu 2:30pm – 4:00pm, starts March 29th

Analyzes the factors involved in the digital transformation of supply chain relationships. Develops an in-depth understanding of the perspectives, roles, and decisions of relevant stakeholders in transforming supply chains in the digital era. Covers digital supply chain capabilities, the role of technology, processes and organizations, as well as digital platforms and performance.
(6 units, H4 term, room E51-376)

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