

# MSc. GLOBAL SUPPLY CHAIN MANAGEMENT (MS GSCM)

## MODALITÉS

Executive version / Hybrid online + 2\*1 week onsite  
(France)

## CONTACT

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GIP CEI - Etablissement Public



## GENERAL PURPOSE

Taught in English by an international Faculty, located on ESLI Brittany Campus in France, the one-year, 356-hr, MSc. Global Supply Chain Management (MS-GSCM) is a high-quality program which provides its graduates with an advanced knowledge of all the challenges which are impacting global supply chain management decision-making processes in rapidly evolving regional contexts: environmental and social expectations bring new dimensions to the global supply chain performance model and the global procurement processes; the fast growing of cyber-physical assets and the operation and control of multi-tier networks lead to deep changes in inter-organizational information system design and control.

Besides, this program enhances students' value-creation capabilities through the practice of up-to-date techniques and tools now supporting global supply chain strategic and operational decision-making: AI-based business intelligence tools to derive useful information from raw data bases, Lean techniques for optimal global production and distribution network design, Advanced simulation tools such as digital twins enabling exact replication of real processes.

# CONTENT

<b>BLOCK 1 - GLOBAL SUPPLY CHAIN DESIGN AND CONTROL (128HRS)</b>	• Logistics site selection	16HRS
	• Transportation mode/ route selection	16HRS
	• Regional modules (Asia-Pac, NorthAm, EU) • Among other topics, includes : Global SCM & Geopolitics, Disruptions sources, Differences between developed economies and developing economies	3*24HRS
	• Global supply chain performance model & measurement	24HRS
<b>BLOCK 2 - ENVIRONMENTAL AND SOCIAL ISSUES (64HRS)</b>	• Energy transition policies	8HRS
	• Urban logistics	8HRS
	• Life-cycle management	16HRS
	• Reverse logistics	8HRS
	• Corporate social responsibility	16HRS
	• Intercultural SCM & International HRM	8HRS
<b>BLOCK 3 - PROCUREMENT (36HRS)</b>	• Procurement Strategies	8HRS
	• Among other topics, includes: E-commerce, Supplier sourcing	8HRS
	• e-Sourcing & e-Procurement	4HRS
	• Supplier performance measurement	8HRS
	• Customs management	8HRS
<b>BLOCK 4 - INFORMATION SYSTEM DESIGN AND OPERATION (44HRS)</b>	• Digitization of activities	16HRS
	• Among other topics, includes: Smart warehousing and Automation systems, Digitalization of transport • Information system integration	8HRS
	• Cyber risk management	16HRS
	• Among other topics, includes: Blockchain & Advanced technologies • Digital ethics and Data governance	4HRS
	• Global supply chain modeling	24HRS
<b>BLOCK 5 - TECHNIQUES AND TOOLS (84HRS)</b>	• Among other topics, includes: Digital twins, OR-based optimization • AI-based data analysis	24HRS
	• Global Supply Chain planning & forecasting	4HRS
	• Advanced Lean techniques • Delivers Yellow Belt certification	32HRS

