

# MS GLOBAL SUPPLY CHAIN MANAGEMENT (MS-GSCM)



## CONTACTS

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## LOCATION

**ESLI - Graduate School of Logistics**  
55 Av. du Président Wilson, 94230 Cachan

## GENERAL PURPOSE

Taught in English by an international Faculty, located on ESLI Paris Campus in France, the one-year, 350-hr MS-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.

## PROGRAM

- Taught in English
- 01 Year program
- International Faculty

# CONTENT

| BLOCK 1 - GLOBAL SUPPLY CHAIN DESIGN AND CONTROL  | 128HRS         |
|---|----------------|
| Logistics site selection  | 16 HRS         |
| Transportation mode / route selection   | 16 HRS         |
| Regional modules (Asia-Pac, NorthAm, EU)<br>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          |
| BLOCK 2 - ENVIRONMENTAL AND SOCIAL ISSUES   | 64HRS          |
| Energy transition policies  | 8 HRS          |
| Urban logistics   | 8 HRS          |
| Life-cycle management   | 16 HRS         |
| Reverse logistics   | 8 HRS          |
| Corporate social responsibility   | 16 HRS         |
| Intercultural SCM & International HRM   | 8 HRS          |
| BLOCK 3 - PROCUREMENT   | 36 HRS         |
| Procurement Strategies<br>Among other topics, includes : E-commerce.  | 8 HRS          |
| Supplier sourcing   | 8 HRS          |
| e-Sourcing & e-Procurement  | 4 HRS          |
| Supplier performance measurement  | 8 HRS          |
| Customs management  | 8 HRS          |
| BLOCK 4 - INFORMATION SYSTEM DESIGN AND OPERATION   | 44 HRS         |
| Digitization of activities<br>Among other topics, includes : Smart warehousing and Automation systems, Digitization of transport.   | 16 HRS         |
| Information system integration  | 8 HRS          |
| Cyber risk management<br>Among other topics, includes : Blockchain & Advanced technologies.   | 16 HRS         |
| Digital ethics and Data governance  | 4 HRS          |
| BLOCK 5 - TECHNIQUES AND TOOLS  | 84 HRS         |
| Global supply chain modeling<br>Among other topics, includes : Digital twins, OR-based optimization.  | 24 HRS         |
| AI-based data analysis  | 24 HRS         |
| Global Supply Chain planning & forecasting  | 4 HRS          |
| Advanced Lean techniques<br>Delivers Yellow Belt certification.   | 32 HRS         |
| <b>TOTAL :</b>  | <b>356 HRS</b> |



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