BUILD A BETTER FUTURE

Executive Master in Global Supply Chain Management

THE INTERNATIONAL INSTITUTE FOR THE MANAGEMENT OF LOGISTICS AND SUPPLY CHAIN

iml.epfl.ch

Graduates creating Supply Chain Excellence since 1990
The shaping of the future of industry depends on how the Supply Chain is designed to execute the customer promise. Furthermore, responsible decision making and leadership, especially involving global suppliers, is how we can build a better future for our economy, society and the environment.

WHAT IS SUPPLY CHAIN MANAGEMENT?

Originally known as “Logistics”, Managers considered the connection between goods coming in for production and goods going out to customers. Logistics Management evolved to Supply Chain Management which considered the efficient material flow from source to supply. Global Supply Chain Management has evolved to much more than this, from raw materials sourcing to servicing the end customer and recycling. The need for professional expertise in this area will continue to increase as Growth, Innovation and Sustainability goals will concretely be met by the people in the diverse spectrum of roles along the complete Supply Chain, now often referred to as the Value Network.

WHY IML?

“OUR EPFL DNA AND THE IML LEGACY”

EPFL, the École Polytechnique Fédérale de Lausanne, is one of Europe’s most prestigious Universities, renowned for its Technology Innovation and Research & Development. IML, the International Institute for the Management of Logistics, was created in 1990 as a partnership between EPFL, the École des Ponts ParisTech, the group AFTRAL, and a large number of industrial and service companies. Based at EPFL’s College of Management of Technology, IML is recognised and trusted by Swiss and International Organisations for its research activities and high quality postgraduate education. More than 1,200 graduates representing 75 different nationalities from 5 continents have graduated and many have become industry leaders.
EVOLUTION: 4 TRANSVERSAL FOCUS AREAS “LES FILS ROUGES”

We have kept the core of the institute competencies proven over 25 years. We have further tapped into EPFL’s research and innovation knowledge base and we have called on our industry leading partners to provide participants with the best possible learning outcome. **We have changed the format to part-time to facilitate applied learning. There are 2 options:**

- **Participants based in Switzerland and EU:** Thesis is carried out at current place of work with classroom presence every second weekend and remote learning every other weekend

- **International Visiting Participants (Non EU):** As above however participants compete for a 1 one year full-time program including academic theory and an internship at one of our partner organisations or other

This University Master of Advanced Studies program has **4 TRANSVERSAL FOCUS AREAS:**

**MANAGE SUPPLY CHAIN RESPONSIBLY**
Understand the key concepts of Supply Chain and Supply Chain Strategy and its premier role in the future of Business, Society and our Environment

**DESIGN THINK**
Be equipped with all the tools to design, analyse, measure, improve and control Supply Chain 4.0

**DIGITISE & INNOVATE**
Prepare for the impact of megatrends, exploit big data and the internet of things & harness supplier innovation

**LEAD SUSTAINABLE CHANGE**
Understand the financial business, the risks, the key trade-offs and how to be a responsible leader of change

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**PAULA GARCIA (IML ALUMNI 2008)**
Head of Procurement, Swissport North America

“The IML Masters is a very complete program that covers all areas of the supply chain. The program is a mix of theory and practice that allows you to immediately start applying what you learn in your courses. As you get to study with people from all over the world, you are exposed to many different points of view, and you get to understand how companies in other countries operate. I have a network of great friends that I built thanks to being part of the IML Masters. I was selected among thousands of candidates to do my internship as part of the Global Procurement Leadership Program at Johnson & Johnson in Switzerland while taking part of the program, and I continued my career within the supply chain domain, currently based in Washington D.C.”
Six Sigma Greenbelt certification is integrated as part of the course and several company visits bolster the learning experience.

The program is given in English from January to December in Lausanne, more details at iml.epfl.ch
I ML also runs a course in Paris with Ecole des Ponts ParisTech & Atfral, more details at mastere-scdm.enpc.fr

I ML is unique in offering young and senior executives an education from internationally renowned Universities for both Technology and Business. We wish to continue to be Industry Leaders’ & SME’s preferred executive education partner in Supply Chain and to grow our relationships. We look forward to hearing from you.
## COURSE CONTENT

### 90 ECTS

#### MANAGE SUPPLY CHAIN RESPONSIBLY
- Operations, Transport & Distribution
- Ethical Decision Making & Sustainability
- Global Supply Chain Management
- Course Introduction
- Risk Management, Quality & Compliance

#### DESIGN THINK
- Supply & Operations Planning
- Decision Support & Optimisation
- Design Thinking & Lean Management

#### DIGITIZE & INNOVATE
- Digitisation & Supply Chain 4.0
- Procurement Management & Innovation
- Information Systems & Big Data

#### LEAD SUSTAINABLE CHANGE
- Finance Fundamentals
- Organisational Behaviour & Change Leadership
- Business Strategy & Marketing

#### IMPLEMENT LEARNING TO CREATE IMMEDIATE VALUE FOR ENTERPRISE
- Innovation in Supply Chain Project
- Greenbelt Certification

#### MASTER THESIS WITHIN ORGANIZATION WITH IML GUIDANCE

### 60 ECTS

### 30 ECTS

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## MANAGEMENT

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**ACADEMIC DIRECTORSHIP**  
Professor Christopher Tucci, EPFL CDM  
Professor Ari-Pekka Hameri, HEC UNIL

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## INFORMATION & ADMISSION

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ACADEMIC MEMBERS/ORGANISATIONS

EPFL - Ecole Polytechnique Fédérale de Lausanne*
ENPC - École des Ponts ParisTech*
AFTRAL - Paris (ex. AFT-IFTIM)*
HEC - Ecole des Hautes Études Commerciales de l'Université de Lausanne
EURONIL - European University Research and Operations Network in Logistics
Université LAVAL - Québec
Supply Chain Council
Fondazione BECA
GS1, Global Standard 1
SSC, Société Suisse de Chronométrie
Swiss Shippers Council
UNCTAD/UNO - United Nations Conference on Trade and Development
ICRC - International Committee of the Red Cross
IMMTA - International MultiModal Transport Association
EHTP - Ecole Hassania des Travaux Publics, Casablanca
Centre patronal vaudois
CVCI - Chambre vaudoise du commerce et de l'industrie
BEV - Développement Economique Vaud

* Founding members

PROFESSIONAL MEMBERS

Audemars Piguet
BlueBotics SA
Bobat Group
Bulgari
CERN
Eaton
Essilor
Firmenich
Galexis / Galenica
GEA Consultanti Associati
Geodis
Groupe PP Holding
Holcim
Holdigaz Vevey
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Logitech
Luxury Timepieces International
Merck
Michael Page International

Nespresso
Nestlé / Nestec
Nice Business
Novartis*
Officine Panerai
Omega
Philip Morris*
Procter & Gamble
Richemont International
Relax
Services Industriels de Genève
SGS Société Générale
de Surveillance SA
Supply Chain Operations SA
Swatch Group
Swisslog
Syngenta*
Tradali/Bacardi

WARNING: The information given in this booklet may be subject to change. Any changes will be notified on the IML website. Please note that if the number of participants is not sufficient, the program could be cancelled.