

SUPPLY CHAIN ANALYTICS & GREENBELT

CERTIFICATE OF ADVANCED STUDIES

Short Course
Part-time
14 ECTS Credits
14 days



Optimise Supply Chain decisions with Design Thinking, Lean Management, Six Sigma, Simulation & Data Modelling.

ROBUST AND RESILIENT DESIGN AND EFFECTIVE AND EFFICIENT DATA ANALYSIS ARE KEY TO SUCCESSFUL SUPPLY CHAIN MANAGEMENT

A robust & resilient Supply Chain is designed with deep knowledge of the value stream and the data that is relevant. A prerequisite to optimal decision-making and gaining value from digital transformations is that the right data needs to be properly recorded, robustly stored and effectively analysed.

While industry and services evolve, the core principles of Global Supply Chain Management remain unchanged and the tools available for data and supply chain analysis remain just as powerful for decision making.

A STUDY PROGRAM EVOLVING TO MEET BUSINESS NEEDS

The Executive Certificate in Supply Chain Analytics has been designed to provide all participants with a formal education on how to use modelling, simulation and optimisation methods. Lean and six sigma methodologies are demonstrated and design thinking compliments the tool kit. For example, it helps address the “direct to consumer” evolution of supply chain design. A Greenbelt Project is carried out during this course and certification is optional.

COURSE CONTENT

Design Thinking & Lean Management

Supply & Operations Planning

Decision Support & Optimisation

Six Sigma Greenbelt Project

LEARN WITH ACADEMIC AND INDUSTRY EXPERTS

IML is unique in offering young and senior executives a Supply Chain education from World-renowned Academic Research Professors from internationally renowned Universities for both Technology and Business.

Equal importance is placed on learning from Senior Management Professionals at our partner organisations, which include many International Corporations and young companies, born at the EPFL Innovation Park.

Company visits bolster the learning experience

THE IML LEGACY

IML, originally called the International Institute for the Management of Logistics, was created in Lausanne in 1990 and in Paris in 1995 as a partnership between the École Polytechnique Fédérale de Lausanne (EPFL), the École des Ponts ParisTech, the group AFTRAL, and a large number of industrial and service companies. Today IML has also partnered with HEC Lausanne and several other international universities.

IML is based at the College of Management of Technology of EPFL and is trusted and highly regarded by Industry in Switzerland, France and Internationally.


ABOUT IML COURSES

The IML Executive Masters and Certificates of advanced studies are conferred by the École Polytechnique Fédérale de Lausanne, one of Europe's most prestigious Universities, renowned for its Technology Innovation and Research & Development.

Courses are open to executives and future executives specifically interested in supply chain management; previous management experience is required. See iml.epfl.ch

The Certificates are awarded 14 ECTS points (European Credit Transfer and Accumulation System).

FORMAT

 UNIVERSITY QUALIFICATION	 DURATION	 PRESENCE	 DAYS	 MODULES	 FEE
Certificate of Advanced Studies (CAS) 14 ECTS	2/3 Months	~14 days incl. 1 full week + weekends + remote learning	Fri, Sat 09:15 - 17:15 Every second week	2/4 Modules 1 Focus area	information @ iml.epfl.ch

Presence every other weekend, when not in classroom **remote & blended learning** is required

ADMISSION REQUIREMENTS AND DATES > IML.EPFL.CH

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