



IMT Mines Albi-Carmaux
École Mines-Télécom

Master MILES

A Master degree of **IMT Mines Albi**
Graduate School of Engineering in France



Accredited and labelled
by the French Ministry
of Higher Education
and Research

since 2015



MANAGEMENT OF INTERNATIONAL LEAN AND SUPPLY CHAIN PROJECTS

The **Master MILES** program trains young managers who want to acquire specialised and in-depth skills in Lean Management and Supply Chain to be able to manage projects, value-creation and change in a performance-driven business or research environment from a global and international perspective.

SKILLS ACQUIRED

The **Master MILES** is designed to enable students to acquire the following competences:

- ✓ High-level technical and management skills necessary for the management of supply chains, logistics and lean operations in the manufacturing or service industries
- ✓ Advanced training in Operations Research and decision-making techniques applied to Supply Chain Management
- ✓ In-depth knowledge of industrial Systems Operations Management, production and logistics in various business sectors
- ✓ Ability to manage complex projects in an international environment
- ✓ Opportunity to put into practice the theory
- ✓ Opportunity to learn French and acquire some French culture

CAREER OPPORTUNITIES

- ▲ Supply chain manager
- ▲ Supply chain planner
- ▲ Lean manager
- ▲ Project manager

Aeronautics / Automotive sector

Cosmetics / Pharmacy / Food industry

Retail sector

Service industry



Preparation for 4 international certificates in supply chain, lean and project management



DURATION: 1 year

INTAKE: September

LANGUAGE: English



MODE: Full time on IMT Mines Albi campus

LOCATION: Albi, France

ACCOMMODATION: For all students



TUITION FEES:

18 500 €

APPLICATION DEADLINE:

July

SYLLABUS

The program is composed of 11 course units that include the preparation for **4 professional certificates**: ASCM's CPIM Part 1, PMI's CAPM, Green Belt in Lean-6 Sigma, and DDI's DDP. These course units are organised and delivered in three periods and the two first ones include French lessons, company visits and conferences.

PERIOD | 1 (SEPTEMBER – DECEMBER)

BASICS OF SUPPLY CHAIN ENGINEERING

- ▲ Supply Chain challenges
- ▲ CPIM Part 1 certification from ASCM

SUPPLY CHAIN PROCESSES

- ▲ Reverse Logistics and Circular Economy
- ▲ Demand and Customer Management
- ▲ Purchasing
- ▲ Warehousing and Transportation

BASICS OF PROJECT ENGINEERING

- ▲ CAPM certification from PMI
- ▲ Agile Project Management

ADVANCED PROJECT ENGINEERING

- ▲ International project management
- ▲ Critical Chain Project Management

COMPANY MANAGEMENT

- ▲ Business and Finance
- ▲ International Trade
- ▲ Process Communication

PERIOD | 2 (JANUARY-APRIL)

PROBLEM SOLVING

- ▲ Continuous Improvement methods
- ▲ Green Belt certification in Lean Manufacturing
- ▲ Business Process Reengineering

DECISION MAKING

- ▲ Optimization
- ▲ Flow Simulation
- ▲ Data Sciences
- ▲ Enterprise Resources Planning

ADVANCED SUPPLY CHAIN ENGINEERING

- ▲ Physical Internet
- ▲ Performance Measurement Systems
- ▲ Collaborative Networks
- ▲ Demand Driven Planner certification from DDI

PRACTICUM

PERIOD | 3

MASTER THESIS AND/OR INTERNSHIP

- ▲ Case-based or mission-based in a company and/or conceptual in a research laboratory (in France or abroad)



It is exciting and also a great honour to be part of this program since it perfectly combines innovative learning methods with the possibility of obtaining 4 professional certificates. With the master MILES degree, I am sure to become a highly competitive professional.

Diana, Mexican alumna

ADMISSION REQUIREMENTS

4-year Bachelor's degree or equivalent in one of the following fields:

- ▲ Engineering
- ▲ Sciences
- ▲ Management...

English: B2, IELTS 6, TOEIC 750 or equivalent

CONTACT

admission.miles@mines-albi.fr



APPLICATION

inscriptions.mines-albi.fr

WEBSITE

www.imt-mines-albi.fr/en

