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

Areas:
- 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

**MODE:** Full time on IMT Mines Albi campus

**LOCATION:** Albi, France

**LANGUAGE:** English

**ACCOMMODATION:** For all students

**TUITION FEES:** 18 500 €

**APPLICATION DEADLINE:** July
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)

### 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

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*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 alumni

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**CONTACT**
admission.miles@mines-albi.fr

**APPLICATION**
inscriptions.mines-albi.fr

**WEBSITE**
www.imt-mines-albi.fr/en