The MSc SCALE program trains young managers who want to acquire specialised and in-depth skills in Supply Chain and Lean Management 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 MSc SCALE 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, transport and logistics in various business sectors
- Ability to manage complex projects in an international environment
- Opportunity to put into practice the theoretical
- Opportunity to learn French and acquire some French culture

**CAREER OPPORTUNITIES**

- Supply chain manager
- Supply chain planner
- Lean / continuous improvement 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:** 3 semesters including a semester-internship/ master thesis

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

**LOCATIONS:** Albi, France

**ACCOMMODATION:** For all students

**TUITION FEES:** 18 500 €

**APPLICATION DEADLINE:** June
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, AGILEA’s Green Belt, and DDI’s DDP.
These 11 course units are organised and delivered in three semesters as shown in the following table.

SEMESTER 1 (SEPTEMBER – JANUARY)

FUNDAMENTALS OF SUPPLY CHAIN MANAGEMENT
- Materials Management
- CQC Fundamentals of Supply Chain Management (CPIM Part 1 certification)

GLOBAL SUPPLY CHAIN MANAGEMENT:
- Closed-Loop Supply Chains
- Sales Forecasting
- Sourcing, Procurement and Purchasing

SEMESTER 2 (FEBRUARY - MAY)

CONTINUOUS IMPROVEMENT:
- Lean-6 sigma (Green Belt certification)
- Business Process Management

DEMAND AND FLOW MANAGEMENT:
- Marketing Logistics
- Demand-Driven Planning & Critical Chain (DDP certification)
- Constant Work-In-Progress (ConWIP)

COMPANY CONSULTING MISSION
- Company Consulting Mission

SEMESTER 3

INTERNSHIP & RESEARCH DISSERTATION:
- Case-based/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
3 years Bachelor can also apply to this program attending an additional semester (MILES program).

PROJECT MANAGEMENT:
- Basics of Project Management (CAPM certification)
- Problem Solving and Agile Project Management

ENTERPRISE AND NETWORK MANAGEMENT:
- Intro to Supply Chain Management
- Accounting and Finance Management
- Strategy
- Collaborative Project Management

SOFT KILLS (1/2):
- Foreign Languages and European Culture

English: B2, IELTS 6, TOEIC 750 or equivalent

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

Diana, Mexican alumni