



**POLITECNICO**  
MILANO 1863

DEPARTMENT OF MANAGEMENT  
ECONOMICS AND INDUSTRIAL  
ENGINEERING



# Guidelines for the preparation of the study plan

# MSc in Management Engineering PoliMI: Structure overview

- From September 2021, the new offer, constituted by 14 majors, will be available to **all our MSc students**.
- With the new offer, the second year will be articulated into:  
**major (25 ECTS) + elective courses (20 ECTS) + thesis (15 ECTS)**
- In order to ensure the interdisciplinary vocation of the MSc programme, at least **10 ECTS** should be obtained through subjects that belong to disciplinary sectors (SSD) other than characterizing sectors (ING-IND 35; ING-IND 17).

# MSc in Management Engineering PoliMI: Structure overview

Core Curriculum			Major	Elective	Master thesis 15 ECTS
Accounting, Finance & Control	Strategy & Marketing	Leadership & Innovation	<b>3 OUT OF 4</b> Quality Data Analysis Operations Management Logistics Management Industrial Technologies	<i>Industry 4.0</i>	
			<b>Business &amp; Industrial Economics + 2 OUT OF 4</b> Quality Data Analysis Operations Management Logistics Management Industrial Technologies	<i>Industrial Management</i>	
			<b>Business &amp; Industrial Economics + 2 OUT OF 3</b> Operations Management Logistics Management Industrial Technologies	<i>Supply Chain Management</i>	
			<i>Circular Economy</i>		
			<i>Energy Management</i>		
			<i>Sustainability &amp; Social Impact</i>		
			<i>Business Strategy &amp; Transformation</i>		
			<i>Analytics for Business</i>		
			<i>Digital Business Innovation</i>		
			<i>Entrepreneurship</i>		
			<i>Innovation Management</i>		
			<i>Complex Projects Business</i>		
			<i>International Business</i>		
			<i>Finance</i>		
60 ECTS			25 ECTS	20 ECTS	

# Study Plan Deadlines

Study Plan Presentation:

from August 31st, 2021 to September 24th, 2021

# The transition from the «old offer» to the «new offer»

- In September, the study plan of students enrolled in the 2020-21 academic year will be automatically allocated to one of the 14 majors (the one which is closer to the original stream).
- This allocation is **temporary** and it is necessary just for managing the transition from the «old offer» to the «new offer», that is broader and more flexible than the previous one.
- In September, students will have the possibility of **selecting the major they wish to follow** for completing their MSc.
- As follows, three different possible situations are illustrated.

# Preparation of the study plans: Case 1

**If you have not included any second year subject in your study plan in the a.y. 20-21**



- When preparing your study plan, you will be able to select any major, whatever subjects you have in your first year plan, **without presenting an autonomous study plan.**
- You will have just to follow the structure: **major (25 ECTS) + elective courses (20 ECTS) + thesis (15 ECTS)** and remind to include at least **10 ECTS** through subjects that belong to disciplinary sectors (SSD) **other than characterizing sectors** (ING-IND 35; ING-IND 17).

## Preparation of the study plans: Case 2

If you have included one or more 2nd year subjects in the study plan in the a.y. 20-21 and the “anticipated” subjects are present in the new offer



- You can select a major that already includes the anticipated subjects or equivalent subjects among the 25 characterizing ECTS without presenting an autonomous study plan (a list of the equivalent subjects is provided at the end of this presentation).
- You can select any other major adding the anticipated subjects or equivalent subjects among the 20 elective ECTS without presenting an autonomous study plan.
- If the number of ECTS of the anticipated subjects exceeds the space available for the elective ECTS, you can present an autonomous study plan that will be subject to evaluation.
- Please, remind to include at least **10 ECTS** of subjects that belong to disciplinary sectors (SSD) **other than characterizing sectors** (ING-IND 35; ING-IND 17).

## Preparation of the study plans: Case 3

**If you have included one or more 2nd year subjects in the study plan in the a.y. 20-21 and the “anticipated” subjects are no more present in the new offer (and there is no equivalent subject)**



- You can include the anticipated subjects among the 20 elective ECTS.
- If the number of ECTS of the anticipated subjects exceeds the space available for the elective ECTS, you can present an autonomous study plan that will be subject to evaluation.



## List of equivalent subjects (for the scope of the transition from the «old» to the «new» offer)

CODE	SSD	OLD COURSES	SEM	CFU		CODE	SSD	NEW COURSES	SEM	CFU
54206	ING-IND/17	ADVANCED PRODUCTION SYSTEMS	1	5.0	→	56949	ING-IND/17	DIGITAL MANUFACTURING	1	5.0
54207	ING-INF/03 04 05	INDUSTRIAL AUTOMATION, COMMUNICATION AND DATA MANAGEMENT	1	5.0	→	56950	ING-INF/04	INDUSTRIAL AUTOMATION AND ROBOTICS	1	5.0
52487	INF/01	MACHINE LEARNING	1	5.0	→	57205	INF/01	MACHINE LEARNING (MARKET & TECHNOLOGICAL FORECASTING)	1	5.0
52912	ING-IND/35	PUBLIC MANAGEMENT	1	5.0	→	57056	ING-IND/35	DATA ANALYSIS FOR PUBLIC MANAGEMENT	1	5.0
97334	ING-IND/35	SOCIAL INNOVATION	1	5.0	→	57021	ING-IND/35	MANAGEMENT FOR SUSTAINABILITY AND IMPACT	1	5.0
52811	ICAR/13 ING-IND/35	DESIGN MANAGEMENT LAB	1	15.0	→	57042	ING-IND/35 ICAR/13	BUSINESS DESIGN AND TRANSFORMATION LAB	1	10.0

## List of equivalent subjects (for the scope of the transition from the «old» to the «new» offer)

97325	ING-IND/17 35	DIGITAL BUSINESS INNOVATION	2	5.0	→	56993	ING-IND/17	DIGITAL BUSINESS	2	5.0
97364	ING-IND/35	ENTREPRENEURSHIP ECONOMICS AND POLICY	2	5.0	→	57047	ING-IND/35	ENTREPRENEURSHIP ECONOMICS	1	5.0
97317	ING-IND/35	MANAGEMENT OF DESIGN AND INNOVATION PROJECTS	2	5.0	→	57044	ING-IND/35	AGILE INNOVATION	2	5.0
97320	ING-IND/17	INDUSTRIAL PROJECT MANAGEMENT A	1	10.0	→	57072	ING-IND/17	AGILE PROJECT MANAGEMENT	1	5.0
97325	ING-IND/17 35	DIGITAL BUSINESS INNOVATION	2	5.0	→	56993	ING-IND/17	DIGITAL BUSINESS	2	5.0
97337	ING-IND/35	HEALTH CARE MANAGEMENT	2	5.0	→	57036	ING-IND/35	INNOVATION IN HEALTH AND SOCIAL CARE	1	5.0
97338	SPS/04	POLICY ANALYSIS	2	5.0	→	57022	SPS/04	POLICY DESIGN AND EVALUATION	2	5.0

98498	ING-IND/35	DESIGN STRATEGY AND ECONOMICS OF INNOVATION	1	10.0	→	57028	ING-IND/35	DESIGN THINKING FOR BUSINESS	1	5.0
					→	57046	ING-IND/35	NEW TECHNOLOGIES	1	5.0
52802	ING-IND/35	FINANCE LAB + CORPORATE FINANCE	A	15.0	→	57093	ING-IND/35	FINANCE LAB	2	10.0
					→	56994	ING-IND/35	CORPORATE FINANCE	1	5.0
97367	SECS-P/01	INTERNATIONAL ECONOMICS	1	10.0	→	57125	SECS-P/02	INTERNATIONAL ECONOMICS I	1	5.0
					→	57161	SECS-P/02	INTERNATIONAL ECONOMICS II	1	5.0
97319	ING-IND/17	ASSET LIFE CYCLE MANAGEMENT	1	10.0	→	56985	ING-IND/17	SMART MAINTENANCE MANAGEMENT	1	5.0
					→	55016	ING-IND/17	INDUSTRIAL ASSET MANAGEMENT	1	5.0
56255	ING-IND/17 35	SUPPLY CHAIN MANAGEMENT	1	10.0	→	56999	ING-IND/17 35	SUPPLY CHAIN MANAGEMENT	1	5.0
					→	53729	ING-IND/17 35	PURCHASING AND SUPPLY MANAGEMENT	1	5.0
97380	ING-IND/35	MULTICHANNEL CUSTOMER STRATEGY	1	10.0	→	57055	ING-IND/35	OMNICHANNEL MARKETING MANAGEMENT	1	5.0
					→	57027	ING-IND/35	MARKETING ANALYTICS	1	5.0
54205	ING-IND/17	ADVANCED AND SUSTAINABLE MANUFACTURING	1	10.0	→	56949	ING-IND/17	DIGITAL MANUFACTURING	1	5.0
					→	54954	ING-IND/17	SUSTAINABLE MANUFACTURING	1	5.0