

**Study plan Master of Science
MANAGEMENT ENGINEERING (CL LM-31) 2021-22 enrolled in A.Y. 21-22**

Exam	Module	Subject	SSD	Period	CFU	Code	Professor		
First year	1	1a	Module - Finance (Financial Markets)	ING-IND/35	1	6	37153ENG	Michele Meoli	
		1b	Module - Finance (Corporate Finance)	ING-IND/35	1	6		Stefano Paleari + foreign professor	
	2	2a	Module - Operations Management	ING-IND/17	1	6	37196-ENG	Fabiana Pirola	
		One subject among the following							
	2b.1	2b.1	Module - Integrated Production Systems	ING-IND/16	2	6	37154-ENG	Mariangela Quarto	
		2b.2	Module - Supply Chain Management and Logistics Network Design	ING-IND/17	2			Roberto Pinto	
	3		Project Management	ING-IND/35	2	12	37197-ENG	Matteo Kalchschmidt	
	4		Industrial economics	SECS-P/06	1	6	37187-ENG	Gianmaria Martini	
	5	5a	Data analysis for business analytics	ING-INF/04	1	6	37195-eng	Vincenzo Manzoni	
		One subject among the following							
		5b.1	Statistics for digital and organisational innovation	SECS-S/02	2	6		Alessandro Fassò + foreign professor	
	5b.2	Optimization for industrial problems	MAT/09	2	37194-eng		Maria Teresa Vespucci		
12	12a	One elective subject from Table A		1-2	6				
				TOTAL FIRST YEAR		60			

these courses will start on 2022-2023

Exam	Module	Subject	SSD	Period	CFU	Code	Professor	Suggested plans		
								Sustainable Industrial Systems	Digital Innovation and Management	
Second year	6	6.a	Module - Strategic Management in the Digital Economy (Theory)	ING-IND/35	1	6	37198-eng		*	
		6.b	Module - Strategic Management in the Digital Economy (Practice)	ING-IND/35	2	6			*	
	7		Continuous Improvement & Quality Management	ING-IND/16	1	6	37199-eng		*	
	8	One subject among the following								
			Industrial Asset Management	ING-IND/17	1	6	37200-eng		*	
			Service Engineering, Operations and Management	ING-IND/17	2		37201-eng		*	
		Simulation techniques in industrial processes	ING-IND/16	2	148005-M2			*		
	9+10	Two subjects among the following								
			Public Management	ING-IND/35	1	12	37189-eng		*	
			Sustainable and Global Supply Management	ING-IND/35			37202-eng		*	
			Sustainable Mobility management	ING-IND/35			37203-eng		*	
			Human Resource Management in the Digital Era	ING-IND/35			37204-eng		*	
		Startup and digital transformation	ING-IND/35	2	37205-eng			*		
	Transportation Economics and Management	ING-IND/35	1	37170-eng			*			
11	One subject among the following									
		Laboratorio SIS	ING-IND/17	2	6	37207-eng		*		
		Laboratorio DIM	ING-INF/04	2		37208-eng		*		
	Laboratorio DIM	ING-IND/16	2				*			
12	12b	One elective subject from Table A		1-2	6					
		Other skills				1	37174-eng			
		Project Work				2	11	37175-eng		
				TOTAL SECOND YEAR		60				

Table A - Elective subjects and activities

Subject	SSD	Period	CFU	Code
Applied Production Economics	SECS-P/06	2	6	37188-eng
Market Regulation and Health Care (MUTUATO)	SECS-P/01	1	6	37186-eng
Industrial Asset Management	ING-IND/17		6	From 2022-2023
Sustainable and Global Supply Management	ING-IND/35		6	From 2022-2023
Sustainable Mobility management	ING-IND/35		6	From 2022-2023
Startup and digital transformation	ING-IND/35		6	From 2022-2023
Simulation techniques in industrial processes (MUTUATO)	ING-IND/16	2	6	148005-M2
Human Resource Management in the Digital Era	ING-IND/35		6	From 2022-2023
Service Engineering, Operations and Management	ING-IND/17		6	From 2022-2023
Industrial Marketing in the Digital Era (MUTUATO)	ING-IND/35		6	From 2022-2023
Transportation Economics and Management	ING-IND/35	1	6	37170-eng
Management of Global Enterprises	ING-IND/35		6	From 2022-2023
Module - Integrated Production Systems	ING-IND/16	2	6	37196-E1
Module - Supply Chain Management and Logistics Network Design	ING-IND/17	2	6	37154-ENG3

Summer schools	CFU	Reference	Code
Summer School: Global Perspectives Of Public And Private Sector Interaction - Joint Summer School With Indiana University And University Of Aalborg	6	Prof. Silvio Vismara	37180-ENG
Summer School: Summer School On Applied Health Econometrics And Health Policy, In Collaborazione Con Crisp E Università Degli Studi Di Milano Bicocca	6	Prof. Giuliano Masiero	37181-ENG
Summer School: Green Energy Management organizzata in collaborazione con le Università Milano-Bicocca, Politecnico di Milano, Roma-La Sapienza, Chieti-Pescara, Universidad de Santiago de Compostela (Spain) e University of Aveiro (Portugal)	6	Prof. Maria Teresa Vespucci	37183-ENG
Programma HC.LAB: innovazione e imprenditorialità nell'healthcare	6	Prof. Tommaso Minola	37190
Summer School at the University of Southern Denmark (subjects to be defined)	6	Prof. Roberto Pinto	37191-ENG

Some of these initiatives may imply a selection procedure. Only one special initiative can be selected.