

Study plan Master of Science a.y. 26-27 in MANAGEMENT ENGINEERING (CL LM-31)

Exam	Module	Subject	Disciplinary sector	Period	CFU	Code
1	1a	Finance (Financial Markets)	IEGE-01/A [ING-IND/35]	1	6	37153-ENG
	1b	Finance (Corporate Finance)	IEGE-01/A [ING-IND/35]	1	6	
2	2a	Operations Management	IIND-05/A [ING-IND/17]	1	6	37196-E2
	One subject among the following					
	2b.1	Integrated Production Systems	IIND-04/A [ING-IND/16]	2	6	37196-E1
2b.2	Supply Chain Management and Logistics Network Design	IIND-05/A [ING-IND/17]	2	37154-ENG		
3		Project Management	IEGE-01/A [ING-IND/35]	2	12	37197-ENG
4		Industrial economics	ECON-04/A [SECS-P/06]	1	6	37187-ENG
5	5a	Data analysis for business analytics	IINF-04/A [ING-INF/04]	1	6	
	One subject among the following					
	5b.1	Statistics for digital and organisational innovation	STAT-01/B [SECS-S/02]	2	6	37195-ENG
5b.2	Optimization for industrial problems	MATH-06/A [MAT/09]	2	37194-ENG		
12	12a	One elective from Table A-B		1-2	6	
TOTAL FIRST YEAR					60	

Exam	Module	Subject	Disciplinary sector	Period	CFU	Code	Suggested subjects (1)	
							Sustainable Industrial Systems	Digital Innovation and Management
6	6.a	Strategic Management in the Digital Economy (Theory)	IEGE-01/A [ING-IND/35]	1	6	37198-ENG	*	*
	6.b	Strategic Management in the Digital Economy (Practice)	IEGE-01/A [ING-IND/35]	2	6		*	*
7		Continuous Improvement & Quality Management	IIND-04/A [ING-IND/16]	1	6	37199-ENG	*	*
8	One subject among the following							
		Industrial Asset Management	IIND-05/A [ING-IND/17]	1	6	37200-ENG	*	
	Service Engineering, Operations and Management	IIND-05/A [ING-IND/17]	2	37201-ENG			*	
9+10	Two subjects among the following							
		Public Management	IEGE-01/A [ING-IND/35]	1	12	37189-ENG	*	*
		Sustainable and Global Supply Management	IEGE-01/A [ING-IND/35]	1		37202-ENG	*	
		Sustainable Mobility management	IEGE-01/A [ING-IND/35]	2		37203-ENG	*	
		Human Resource Management in the Digital Era	IEGE-01/A [ING-IND/35]	2		37204-ENG		*
		Startup and digital transformation	IEGE-01/A [ING-IND/35]	2		37205-ENG		*
		Transportation Economics and Management	IEGE-01/A [ING-IND/35]	1		37170-ENG	*	
	Management of Global Enterprises	IEGE-01/A [ING-IND/35]	1	37206-ENG			*	
11	One subject among the following							
		Laboratory Sustainable Industrial Systems (SIS)	IIND-05/A + IINF-04/A [ING-IND/17 + ING-INF/04]	2	6	37207-ENG	*	
	Laboratory Digital Innovation and Management (DIM)	IIND-04/A + IEGE-01/A [ING-IND/16 + ING-IND/35]	2	37208-ENG			*	
12	12b	One elective from Table A-B		1-2	6			
		Other skills			1	37174-ENG		
		Project Work		2	11	37175-ENG		
TOTAL SECOND YEAR					60			

Table A - Elective subjects

Subject	SSD	Period	CFU	Code
Human Resource Management in the Digital Era	IEGE-01/A [ING-IND/35]	2	6	37204-ENG
Industrial Asset Management	IIND-05/A [ING-IND/17]	1	6	37200-ENG
Integrated Production Systems	IIND-04/A [ING-IND/16]	2	6	37196-E1
Lean Manufacturing	IIND-05/A [ING-IND/17]	2	6	39122-ENG
Management of Global Enterprises	IEGE-01/A [ING-IND/35]	1	6	37206-ENG
Public Management	IEGE-01/A [ING-IND/35]	1	6	37189-ENG
Service Engineering, Operations and Management	IIND-05/A [ING-IND/17]	2	6	37201-ENG
Startup and digital transformation	IEGE-01/A [ING-IND/35]	2	6	37205-ENG
Supply Chain Management and Logistics Network Design	IIND-05/A [ING-IND/17]	2	6	37154-ENG3
Sustainable and Global Supply Management	IEGE-01/A [ING-IND/35]	1	6	37202-ENG
Sustainable Mobility management	IEGE-01/A [ING-IND/35]	2	6	37203-ENG
Transportation Economics and Management	IEGE-01/A [ING-IND/35]	1	6	37170-ENG
Internship (Tirocinio Formativo) - Requires at least 60 cfu already attained. Please read the vademecum https://is-ig.unibg.it/oppportunita-ed-esperienze/tirocini-e-stage			6	60065

Table B - Special activities and summer schools

Summer schools	CFU	Reference Professor	Code
Summer School: Global Perspectives Of Public And Private Sector Interaction – Joint Summer School With Indiana University And University Of Ausburg	6	Prof. Michele Meoli e Alice Civera	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. Francesco Principe e Gianmaria Martini	37181-ENG
Summer School «Green Energy Management» (with Università Milano-Bicocca, Camerino, Padova (Italy); Santiago de Compostela, La Laguna-Tenerife (Spain); Aveiro (Portugal); Cluj-Napoca (Romania); Baku Higher Oil School (Azerbaijan); Eurasian National University, University of International Business (Kazakhstan)	6	Prof.ssa Maria Teresa Vespucci	37183-ENG
Humanities Summer School	6	Prof. Tommaso Minola e Davide Hahn	37243
NEMO Innovation Camp (with Ecole des Mines de Sanint-Etienne)	6	Prof.ssa Fabiana Pirola	37244
CREO-LAB SALUTE (in Italian)	6	Prof.ssa Mara Bergamaschi	165021
CREO-LAB SUSTAINABILITY	6	Prof.ssa Silvana Signori	179010-ENG
CREO-LAB TECNOLOGIE DIGITALI E INTELLIGENZA ARTIFICIALE (in Italian)	6	Prof. Antonio Ferramosca	38110
CREO-LAB TOURISM AND CREATIVE INDUSTRIES	6	Prof.ssa Federica Burini	44167-ENG
Summer School at the University of Southern Denmark (subjects to be defined)	6	Prof. Roberto Pinto	37191-ENG

**Some of the activities in Table B may imply a selection procedure or change over time.
Only one special activity (6 cfu) from Table B can be selected.**

IMPORTANT: these activities must be added to the study plan before they begin.

(1) The **Suggested subjects** provide a general indication. It is possible, however, to choose the proposed subject differently from what is suggested.