

**Smart Industry (Master Operations Management and Logistics)**

**Year 1**

Q1	Q2	Q3	Q4
Research Methods (1JM110)	Modeling and Analysis of Manufacturing Systems (1CM10)	Data analytics for business intelligence (1BM110)	Design for Smart Industry (1CM310)
Maintenance Optimization and Engineering (1CM290)	Track course/ Elective	Track course/ Elective	Data-Driven Methods for Managing Manufacturing Processes (1BM170)
Elective	Elective	Elective	Elective

1 out of 2

Implementing and Adapting to AI in Organizations (1JM50)	Performance enhancement (1JM11)
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Electives (minimum of 10 ECTS):

Q1	Q2	Q3	Q4
Integrated Financial and Operations Management (1CM270)	Business Analysis for IT Systems (1BM20)	Behavioral Operations Management (1JM40)	Decision making with artificial and computational intelligence (1BM120)
Advanced Planning and Scheduling Systems (1CM150)	Warehouse Operations Management (1CM300)	Advanced simulation (2DI66)	Game theory with applications to OM (1CM36)
Manufacturing Technology (1CM160)	Robust Policies for Operations Management Problems (1CM320)	Multi-Echelon Inventory Management (1CM100)	Sustainable supply chains (1CM170)
Engineering Knowledge-Intensive Business Processes (1BM140)	Circular Service Supply Chains (1CM280)		Designing Effective Performance Management Systems (1JM21)
	Business process management (1BM05)		Hybrid Meta-heuristic Algorithms for Smart Industries (1CM330)
	Multivariate statistics (1ZM31)		

**Year 2**

Q1	Q2	Q3	Q4
Preparation master thesis (1ML05)			
International Semester AND/ OR Electives		Graduation Project	