		Important notifications										
MSc IEM Structure EC			EC	Specialisa	tions	Orientations	Statistics & Probability (191506103) may be mandatory for internat					
Mandatory IEM 45						Service Logistics and Maintenance Management	case of a deficiency. Consult the specialisation coordinator to check situation.					
Mandatory per Specialisation15Mandatory per Orientation15(Recommended) Electives45Total EC's120				PLM	Draduction and Logistics Management	Supply Chain and Transportation Management						
				PLIVI	Production and Logistics Management	Manufacturing Logistics						
						Operations Management in Healthcare	Stochastic Models for Operations Management (191530881) is:					
				нстм	Health Care Technology and Management	Health Care Technology and Management	- not allowed for students with an UT IEM-BSc background;					
QRT Quartile				FEM	Financial Engineering and Management	Financial Engineering and Management	- mandatory for PLM and HCTM students who did a pre-master;					
	Programme IEM / Specialisations Qrt		PLM (EC)		HCTM (EC)	FEM (EC)	Consult the specialisation coordinator to check what applies to your					
20170002	0 IEM research orientation	1+3	5		5	5						
20170002					3	3						
20230020	0 IData Science	1+2+3	5		5	5						
	Data ScienceThesis Preparation	1+2+3	5 5		5 5	5 5						
20200146			5 5 30		5 5 30	5 5 30						
20200146 19410006	4 Thesis Preparation		5 5 30 5		5 5 30 5	5 5 30						
20200146 19410006 20180000	Thesis Preparation Thesis		5 5 30 5 5		5 5 30 5 5	5 5 30						
20200146 19410006 20180000	Thesis Preparation Thesis Operations Research Techniques 1 Stochastic Optimization and Learning		5 5 30 5 5 5		5 5 30 5 5 5	5 5 30						
20200146 19410006 20180000 20230033 20230006	Thesis Preparation Thesis Operations Research Techniques 1 Stochastic Optimization and Learning		5 5 30 5 5 5		5 5 30 5 5 5	5 5 30						

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for international students in or to check what applies to your

0881) is:

- nd;
- of a deficiency. lies to your situation.

IEM Orientations																	
Course Code	Service Logistics and Maintenance Management	Q	Course code	Supply Chain and Transportation Management	Q	Course code	Manufacturing Logistics	Q	Course code	Operations Management in Healthcare Q	Cours	se Code	Health Care Technology and Management	Q	Course Code	Financial Engineering and Management	Q
							Manda	atory	IEM courses								
201700020	IEM research orientation	1+3	201700020	IEM research orientation	1+3	201700020	IEM research orientation	1+3	201700020	IEM research orientation 1+3	3 2017	700020	IEM research orientation	1+3	201700020	IEM research orientation	1+3
202300200	Data Science	1-3	202300200	Data Science	1-3	202300200	Data Science	1-3	202300200	Data Science 1-3	3 2023	300200	Data Science	1-3	202300200	Data Science	1-3
202001464	Thesis Preparation		202001464	Thesis Preparation		202001464	Thesis Preparation		202001464	Thesis Preparation	2020	001464	Thesis Preparation		202001464	Thesis Preparation	
194100060	Thesis		194100060	Thesis		194100060	Thesis		194100060	Thesis	1941	100060	Thesis		194100060	Thesis	
Mandatory per specialisation																	
202300064	Simulation	1	202300064	Simulation	1	202300064	Simulation	1	202300064	Simulation 1	2023	300064	Simulation	1	191506103	Statistics & Probability	1
201800003	Operations Research Techniques 1	1+3	201800003	Operations Research Techniques 1	1+3	201800003	Operations Research Techniques 1	1+3	201800003	Operations Research Techniques 1 1+3	3 2018	300003	Operations Research Techniques 1	1+3	191860651	Micro Economics *	1
202300332	Stochastic Optimization and Learning	4	202300332	Stochastic Optimization and Learning	4	202300332	Stochastic Optimization and Learning	4	202300332	Stochastic Optimization and Learning 4	2023	300332	Stochastic Optimization and Learning	4	201300060	Mathematical Finance	2
			-			-	Mandat	ory p	er orientatio	n			-				
201800009	Advanced Inventory Management	2	201800009	Advanced Inventory Management	2	201800009	Advanced Inventory Management	2	191506103	Statistics & Probability 1	2018	300005	Applied Statistical Learning	1	191515101	Introduction to Risk Theory	2
201800008	After-Sales Service Logistics	2	201800008	After-Sales Service Logistics	2	201800007	Planning & Scheduling	4	194121020	Optimization of Healthcare Processes 3	2017	700196	Advanced Discrete Event Simulation	3	191860181	Risk Management	3
191852630	Reliability Eng. & Maintenance Mngt.	3	201800010	Transportation and Logistics Management	3	191820120	Warehousing	4	201800007	Planning & Scheduling 4	2017	700197	Decision Making in HC	4	201300062	Structured Products	3

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201300060 Mathematical Finance

Electives Total

Mandatory per Orientation: ≥ three courses

^{*} This course is best suitable for students in their second or third semester of the master programme