

MSc in Industrial Engineering & Management 2010-2011

generation 20010 first year		FE&M	IT&M	P&LM	HCT&M	Exam	Non
1.1		ECTS	ECTS	ECTS	ECTS		electives
	equalization course 1	5	5	5	5		
191515603	Introduction to Investment Theory	5				S	1
191506103	Statistics and probability	5				S	1
191863960	Foundations of Information Systems		5			S	
192350200	E-strategizing		5			PSS	1
191820160	Purchasing			5		PSS	
191820200	Discrete Optimization of Business Processes(1)			2,5	2,5	PSS	1
191820210	Simulation			2,5	2,5	PSS	1
194111220	Clinical efficacy & MTA				5	PGI	
1.2							
	equalization course 2	5	5	5			
194121110	Introduction to Industrial Engineering and Management	5	5	5	5	PSS	1
191515201	Mathematical Finance	5				S	1
193163010	Information & Knowledge management		5			PGI	1
191820210	Simulation			2,5	2,5	PSS	1
191820200	Discrete Optimization of Business Processes(2)			2,5	2,5	PSS	1
194112110	Health & Health Systems				5	PSS	1
1.3							
191570350	Financial Econometrics	5				PSS	1
191860181	Risk management	5				PSS	1
191810840	Management & Organization of Technological Innovation	5	5	5	5	PSS	
192340101	Implementation of IT in organizations		5		5	PSS	1
192360021	ICT Management		5			PSS	1
191820190	Supply Chain - & Transport Management			5		PSS	1
191852630	Reliability engineering & Maintenance management			5		S	
194112040	International health strategy and hospital of the future *					PSS	
193640070	Clinical Safety and Quality Assurance				5	PGI	1
1.4							
191861641	Financial accounting	5			5	S	
201000202	Management Control for Financial Institutions	5				PSS	
191570300	Structured Products	5				S	1
191863970	IS Design Methodologies		5			PSS	
192376000	Business Case Development for IT Projects		5			PSS	
194105040	Information System Research		5			PGI	1
191852620	Advanced Production Planning			5		S	1
191820120	Warehousing			5		PSS	1
194122030	New Production Concepts			5		PSS	
194112060	The Nature of Hospital Work & Healthcare Workers				5	PSS	
192360501	E-health strategies				5	S	1
second year		FE&M	IT&M	P&LM	HCT&M		Non
2.1		ECTS	ECTS	ECTS	ECTS		electives
191800671	Management of Technology	5	5	5	5	PSS	1
191860651	Micro Economics	5				S	
191599850	Special topics in Financial Engineering	2,5				S	
191820210	Simulation	2,5	2,5			PSS	
192376500	Business Process Integration Lab		5			PSS	

191852640	Production & Logistic IS		2,5	2,5		PSS	
191820180	Reverse Logistics & re-manufacturing			2,5		PSS	
194121020	Optimization of Healthcare Processes			5	5	S	
194111210	Medical decision making				5		
2.2							
191864610	Organization & Strategy	5	5	5	5	S	
191800770	Empirical Research & Data Analysis	5	5	5	5	PSS	
191599850	Special topics in Financial Engineering	2,5				S	
191820210	Simulation	2,5	2,5			PSS	
191852640	Production & Logistic IS		2,5	2,5		PSS	
191820180	Reverse Logistics & re-manufacturing			2,5		PSS	
194112170	Quality and Safety in Health Care				5	PSS	
194100060	Master thesis	30	30	30	30		1
	Totaal Curriculum	120	120	120	120		

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411204 *International health strategy and hospital of the future* please contact your trackcoordinator dr. M. Hummel

Per 1 September 2007 a maximum of five elective courses (25 EC) are allowed in each Master track of IEM.

The courses indicated with "1" are NOT admitted as electives.

This means that up to five courses, except those indicated with "1", can be replaced by other Master courses IEM or Master courses from the faculties CTW, EWI, TNW, without permission of the exam committee.

Electives from GW, or MB other than from the IEM programs, or international exchange, can also be proposed, but these require special permission.

For granting the (elective) credits a reflection report from the student needs approval by the Programme Director.

After approval the reflection report will (partly) be made public for the advantage of other IEM students.

How to plan and choose:

step 1: Write down your obligatory track programme with the courses marked '1'

Step 2: Decide whether you want to replace courses out of the remaining courses

step 3: Complete your IEM study programme up to 120 EC with the remaining track courses or other master courses IEM or master courses from the faculties CTW, EWI, TNW

step 4: Discusse your complete study programme (and your personal motivation) with your study counselor

step 5: Get a final approval from your track co-ordinator (by email with a copy to the office of educational affaires and the study-counselor

Departure from the above mentioned rules needs approval from the track coordinator and the exam committee

If you have questions concerning the elective courses, please see your study counselor.