Block view of the study programme

		Or	Th	Pr	Au	Cr
Block 1						
Course to be intended in order to obtain de Master's degree in computer science and engineering.						
Core curriculum compulsory courses						
INFO0016-1	*Introduction to the theory of computation* (english language) - Quentin LOUVEAUX	Q1	26	26	-	**5**
ELEN0062-1	*Introduction to machine learning* (english language) - Pierre GEURTS, Louis WEHENKEL - [40h Proj.]	Q1	30	5	[+]	**5**
INFO0940-1	*Operating systems* (english language) - Laurent MATHY - [30h Proj.]	Q2	30	6	[+]	**5**
PROJ0010-1	*Software project engineering and management* (english language) - Benoît DONNET, Bernard HAUZEUR, Laurent MATHY - [280h Proj.]	TA	20	-	[+]	**10**
PROJ0019-1	*End of studies project* (english language) - Laurent MATHY - [300h Proj.]	TA	-	-	[+]	**10**
INFO0012-2	*Computation structures* (english language) - Pascal FONTAINE, Laurent MATHY - [40h Proj.]	Q1	26	26	[+]	**5**
The following three courses are in addition to the above-mentioned programme. These courses may be followed as part of the Bachelor or Masters in Business Engineering programme, or be added to the third year of the Masters programme.						
MATH0006-3	*Introduction to numerical analysis* (english language) - Quentin LOUVEAUX	Q1	20	20	-	**5**
MECA0003-2	*Rational Mechanics* - Eric DELHEZ	Q1	20	30	-	**5**
SYST0002-2	*Introduction to signals and systems* - Guillaume DRION, Alessio FRANCI - [15h Proj.]	Q2	26	26	[+]	**5**
Focus compulsory courses						
INFO8010-1	*Deep learning* (english language) - Gilles LOUPPE - [60h Proj.]	Q2	30	-	[+]	**5**
SYST0022-1	*Linear Systems Design* (english language) - Guillaume DRION, Pierre SACRÉ - [15h Proj.]	Q2	26	26	[+]	**5**
Focus optional courses						
Choose courses totalling 20 credits out of the following :						
ELEN0016-2	*Computer vision* (english language) - Anthony CIOPPA, Adrien DELIÈGE, Marc VAN DROOGENBROECK - [50h Proj.]	Q1	30	10	[+]	**5**
INFO0948-2	*Introduction to intelligent robotics* (english language) - Pierre SACRÉ - [80h Proj.]	Q2	30	4	[+]	**5**
INFO2049-1	*Artificial Intelligence Methods for Natural Language Processing* (english language) - Ashwin ITTOO	Q1	30	-	-	**5**
GBIO0002-1	*Genetics and bioinformatics* (english language) - Franck DEQUIEDT, Kristel VAN STEEN - [15h Proj.]	Q1	30	15	[+]	**5**
DROI1357-1	*European law, (big) data and artificial intelligence applications seminar* (english language) - Jérôme DE COOMAN, Ljupcho GROZDANOVSKI	Q1	24	-	-	**5**
INFO8003-1	*Reinforcement learning* (english language) - Damien ERNST - [45h Proj.]	Q2	25	10	[+]	**5**
INFO8004-1	*Advanced Machine learning* (english language) - Pierre GEURTS, Gilles LOUPPE, Louis WEHENKEL - [20h Proj.]	Q2	25	-	[+]	**5**
INFO9014-1	*Knowledge representation and reasoning* (english language) - Christophe DEBRUYNE - [45h Proj.]	Q2	24	20	[+]	**5**
INFO8006-1	*Introduction to artificial intelligence* (english language) - Gilles LOUPPE - [45h Proj.]	Q1	25	20	[+]	**5**