

Cycle view of the study programme

Bl Or Th Pr Au Cr

Course to be intended in order to obtain de Master's degree in computer science.

Core curriculum compulsory courses (B1 : 40Cr)

INFO0016-1	<i>Introduction to the theory of computation</i> (english language) - Quentin LOUVEAUX	B1	Q1	26	26	-	5
ELEN0062-1	<i>Introduction to machine learning</i> (english language) - Pierre GEURTS, Louis WEHENKEL - [40h Proj.]	B1	Q1	30	5	[+]	5
INFO0940-1	<i>Operating systems</i> (english language) - Laurent MATHY - [30h Proj.]	B1	Q2	30	6	[+]	5
PROJ0010-1	<i>Software project engineering and management</i> (english language) - Benoît DONNET, Bernard HAUZEUR, Guy LEDUC, Laurent MATHY - [280h Proj.]	B1	TA	20	-	[+]	10
PROJ0019-1	<i>End of studies project</i> (english language) - Laurent MATHY - [300h Proj.]	B1	TA	-	-	[+]	10
INFO0012-2	<i>Computation structures</i> (english language) - Pascal FONTAINE, Laurent MATHY - [40h Proj.]	B1	Q1	26	26	[+]	5

Focus compulsory courses (B1 : 5Cr)

INFO8010-1	<i>Deep learning</i> (english language) - Gilles LOUPPE - [60h Proj.]	B1	Q2	30	-	[+]	5
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Focus optional courses (B1 : 25Cr)

Choose 25 credits from: (B1 : 25Cr)

Basic course in IT

The following courses (INFO8006-, INFO0010-4) are prerequisites for certain compulsory classes in the Master's programme. They must be taken as a priority, unless they have already been passed as part of another programme, or if the corresponding knowledge and skills have been previously acquired.

INFO8006-1	<i>Introduction to artificial intelligence</i> (english language) - Gilles LOUPPE - [45h Proj.] <i>Notice</i> : Prerequisite for the ELEN0062-1 course	B1	Q1	25	20	[+]	5
INFO0010-4	<i>Introduction to computer networking</i> (english language) - Guy LEDUC - [12h Labo., 40h Proj.] <i>Notice</i> : Prerequisite for the PROJ0010-1 course	B1	Q1	32	2	[+]	5
ELEN0016-2	<i>Computer vision</i> (english language) - Anthony CIOPPA, Adrien DELIÈGE, Marc VAN DROOGENBROECK - Suppl : Thomas HOYOUX - [50h Proj.]	B1	Q1	30	10	[+]	5
INFO0948-2	<i>Introduction to intelligent robotics</i> (english language) - Pierre SACRÉ - [80h Proj.]	-	Q2	30	4	[+]	5
INFO2049-1	<i>Web and Text Analytics</i> (english language) - Ashwin ITTOO	-	Q1	30	-	-	5
GBIO0002-1	<i>Genetics and bioinformatics</i> (english language) - Franck DEQUIEDT, Kristel VAN STEEN - [15h Proj.]	-	Q1	30	15	[+]	5
DROI1357-1	<i>European law, (big) data and artificial intelligence applications seminar</i> (english language) - Jérôme DE COOMAN, Ljupcho GROZDANOVSKI	-	Q1	24	-	-	5
INFO8003-1	<i>Reinforcement learning</i> (english language) - Damien ERNST - [45h Proj.]	-	Q2	25	10	[+]	5
INFO8004-1	<i>Advanced Machine learning</i> (english language) - Pierre GEURTS, Gilles LOUPPE, Louis WEHENKEL - [20h Proj.]	-	Q2	25	-	[+]	5
INFO9014-1	<i>Knowledge representation and reasoning</i> (english language) - Christophe DEBRUYNE - [45h Proj.]	-	Q2	24	20	[+]	5