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A single year

Compulsory Courses

Notice : the master in computer science in one year is given in English.

INFO0085-2	<i>Compilers</i> - Pierre GEURTS	20	40	-	6
INFO0031-1	<i>Computer network architectures and multimedia</i> (english language) - Guy LEDUC	30	30	-	6
INFO0051-1	<i>Logic</i> (english language) - Pascal GRIBOMONT	30	30	-	6
INFO0063-1	<i>Object-oriented software engineering</i> (english language) - Bernard BOIGELOT	30	30	-	6
INFO0016-1	<i>Introduction to the theory of computation</i> (english language) - Pierre WOLPER	30	30	-	6
INFO0045-2	<i>Introduction to computer security</i> (english language) - Benoît DONNET	30	30	-	6
ATFE0003-1	<i>Final work</i> (english language) - COLLÉGIALITÉ	-	-	-	18

Optional courses

[...] With the agreement of the Jury, students choose 6 credits from the list of optional courses from the 1st year of master in computing science in 2 years (120 credits).

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INFO0031-1	<i>Computer network architectures and multimedia</i> (english language) - Guy LEDUC	30	30	-	6
INFO0051-1	<i>Logic</i> (english language) - Pascal GRIBOMONT	30	30	-	6
INFO0063-1	<i>Object-oriented software engineering</i> (english language) - Bernard BOIGELOT	30	30	-	6
INFO0016-1	<i>Introduction to the theory of computation</i> (english language) - Pierre WOLPER	30	30	-	6
INFO0045-2	<i>Introduction to computer security</i> (english language) - Benoît DONNET	30	30	-	4
INFO0039-2	<i>Object-Oriented Programming Project, I</i> - Pierre WOLPER	-	90	-	8
ATFE0003-1	<i>Final work</i> (english language) - COLLÉGIALITÉ	-	-	-	18

Compulsory courses

DROI0101-1	<i>Computer Law Contracts</i> - Benoît KOHL	30	-	-	3
INFO0012-1	<i>Computation structures</i> (english language) - Pierre WOLPER	30	30	-	6
ELEN0040-1	<i>Digital Electronics</i> - Jacques DESTINÉ	30	30	-	6
INFO0027-2	<i>Programming techniques</i> (english language) - Laurent MATHY	30	30	-	6
INFO0010-1	<i>Introduction to computer networking</i> (english language) - Guy LEDUC	30	30	-	6
INFO0039-2	<i>Object-Oriented Programming Project, I</i> - Pierre WOLPER	-	90	-	9
INFO0063-1	<i>Object-oriented software engineering</i> (english language) - Bernard BOIGELOT	30	30	-	6
ATFE0003-1	<i>Final work</i> (english language) - COLLÉGIALITÉ	-	-	-	18

Students who have already followed one or several compulsory course(s) from the Master in Mathematics have to replace it (them) by one or several course(s) from the following to reach 60 ECTS :

Optional courses

MATH0462-1	<i>Discrete optimization</i> (english language) - Quentin LOUVEAUX - Suppl : Bertrand CORNÉLUSSE	30	30	-	6
SYST0002-1	<i>Modelling and analysis systems</i> - Rodolphe SEPULCHRE - Suppl : Erik QUAEGHEBEUR	30	30	-	6
INFO0085-2	<i>Compilers</i> - Pierre GEURTS	20	40	-	6
INFO0049-1	<i>Knowledge representation</i> (english language) - Pascal GRIBOMONT	30	30	-	6
INFO0940-1	<i>Operating systems</i> (english language) - Laurent MATHY	30	30	-	6

With the approval of the president of the jury, students can also choose up to 12 ECTS from the list of courses from the Master in Computing Sciences in 2 years.