

A single year

Compulsory courses

INFO0045-2	<i>Cryptography and Computer Security</i> - Xavier BOYEN	30	30	-	6
INFO0031-1	<i>Computer network architectures and multimedia</i> (english language) - Guy LEDUC	30	30	-	6
INFO0051-1	<i>Artificial Intelligence Logics</i> - Pascal GRIBOMONT	30	30	-	6
INFO0063-1	<i>Object-Oriented Software Engineering</i> - Bernard BOIGELOT	30	30	-	6
INFO0016-1	<i>Introduction to the theory of computation</i> (english language) - Pierre WOLPER	30	30	-	6
ATFE0003-1	<i>Final work</i> - COLLÉGIALITÉ	-	-	-	18

Optional courses

[...] With the agreement of the Jury, students choose 12 credits from the list of courses from the 1st year of Master in Computing Sciences in 2 years (120 credits), except from the training.

Compulsory courses

INFO0045-2	<i>Cryptography and Computer Security</i> - Xavier BOYEN	30	30	-	6
INFO0031-1	<i>Computer network architectures and multimedia</i> (english language) - Guy LEDUC	30	30	-	6
INFO0051-1	<i>Artificial Intelligence Logics</i> - Pascal GRIBOMONT	30	30	-	6
INFO0063-1	<i>Object-Oriented Software Engineering</i> - Bernard BOIGELOT	30	30	-	6
INFO0016-1	<i>Introduction to the theory of computation</i> (english language) - Pierre WOLPER	30	30	-	6
MATH0006-2	<i>Introduction to numerical analysis</i> - Quentin LOUVEAUX	25	15	-	4
INFO0039-2	<i>Object-Oriented Programming Project, I</i> - Pierre WOLPER	-	90	-	8
ATFE0003-1	<i>Final work</i> - COLLÉGIALITÉ	-	-	-	18

Compulsory courses

DROI0101-1	<i>Computer Law Contracts</i> - Benoît KOHL	30	-	-	3
INFO0012-1	<i>Computation Structures</i> - Pierre WOLPER	30	30	-	6
ELEN0040-1	<i>Digital Electronics</i> - Jacques DESTINÉ	30	30	-	6
INFO0027-2	<i>Programming techniques</i> - Xavier BOYEN	30	30	-	6
INFO0010-1	<i>Introduction to Computer Networks</i> - 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> - Bernard BOIGELOT	30	30	-	6
ATFE0003-1	<i>Final work</i> - 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

MATH0461-1	<i>Introduction to numerical optimization</i> (english language) - Quentin LOUVEAUX	30	30	-	6
SYST0002-1	<i>Linear systems</i> - Rodolphe SEPULCHRE	30	30	-	6
INFO0085-1	<i>Compilers</i> - Xavier BOYEN	30	30	-	6
INFO0049-1	<i>Knowledge Representation</i> - Pascal GRIBOMONT	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.