

Course of Study Computer Science (Study Cohort w14)

Sample course plan M Master Computer Science (CSMS)
Specialisation Intelligence Engineering

Legend:

Core qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

LP	Semester 1	Form Hrs/wk	Semester 2	Form Hrs/wk	Semester 3	Form Hrs/wk	Semester 4	Form Hrs/wk
1	Quantitative Methods - Statistics and Operations Research	PBL 3	Pattern Recognition and Data Compression	VL 4	Research Project and Seminar	SE 2	Master Thesis	
2								
3								
4								
5								
6								
7	Algebraic Statistics for Computational Biology	VL 2	Operations Research	VL 2				
8								
9								
10								
11		UE 2	Operations Research - Seminar	SE 2				
12								
13	Digital Image Analysis	VL 4	Machine Learning and Data Mining	VL 2				
14								
15								
16			Machine Learning and Data Mining	UE 2				
17								
18								
19	Intelligent Autonomous Agents and Cognitive Robotics	VL 2	Robotics and Navigation in Medicine	VL 2	Intelligent Systems in Medicine	VL 2		
20								
21								
22								
23								
24		UE 2	Robotics and Navigation in Medicine	PS 2				
25					Applied Bioinformatics	VL 3		
26								
27								
28								
29								
30								
Business & Management (from catalogue) - 6LP								
Nontechnical Elective Complementary Courses for Master (from catalogue) - 6LP								

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.

