Course of Study Computer Science (Study Cohort w16)

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	**Digital Image Analysis**			**Operations Research**			**Research Project and Seminar**			**Master Thesis**		
2	Digital Image Analysis	VL	4	Operations Research	VL	2	Seminar	SE	2			
3				Operations Research - Seminar	SE	2	Project Work	PK	10			
4				Project Operations Research	POL	1						
5												
6												
7	**Quantitative Methods - Statistics and Operations Research**			**Computational Algebraic Geometry**								
8	Quantitative Methods - Statistics and Operations Research	VL	3	Computational Algebraic Geometry	VL	4						
9	Quantitative Methods - Statistics and Operations Research	HÜ	2									
10												
11												
12												
13	**Robotics**			**Optimal and Robust Control**								
14	Robotics: Modelling and Control	VL	3	Optimal and Robust Control	VL	2						
15	Robotics: Modelling and Control	UE	2	Optimal and Robust Control	UE	2						
16												
17												
18												
19	**Algorithmic Algebra**						**Industrial Process Automation**					
20	Algorithmic Algebra	VL	3				Industrial Process Automation	VL	2			
21	Algorithmic Algebra	UE	1				Industrial Process Automation	UE	2			
22												
23												
24												
25	**Hierarchical Algorithms**						**Numerical Methods for Medical Imaging**					
26	Hierarchical Algorithms	VL	2				Numerical Methods for Medical Imaging	VL	2			
27	Hierarchical Algorithms	UE	2				Numerical Methods for Medical Imaging	UE	2			
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.