

Artificial Intelligence, Data and the Web				
Courses	Modules and ECTS			
	Module 1: Algorithms and complexity	Module 2: Knowledge representation and artificial intelligence	Module 3: Logic, mathematics and theoretical computer science	Module 4: Programming languages and verification
Algorithms in graph theory	3			
Distributed algorithms	6			
Networks: Design and Analysis	3			
Structural Decompositions and Algorithms	3			
Description Logics and ontologies		3		
Advanced Logic Programming		3		
Classification and Discriminant Analysis		4.5		
Complexity Analysis		3		
Database Theory		3		
Deductive Databases		3		
Machine Learning		4.5		
Theory of Knowledge Representation		3		
Semantic Web Technologies		3		
Seminar Knowledge Representation & Reasoning				
Seminar in Artificial Intelligence		3		
Total ECTS=48	15	33		