

Curriculum “Semantic Web” – Optional Courses

This is the full list of optional courses available for this curriculum.

To see which courses are actually offered in each Academic Year, please refer to the “Courses” page.

Courses	Exam	Credit Points
Advanced Human Computer Interaction	yes	4
Advanced Network Management	yes	4
Advanced Topics in Machine Learning	yes	4
Advanced Web Systems	yes	4
Applications of Logic	yes	8
Applied Natural Language Processing	yes	4
Applied Ontologies for Software Engineering	yes	4
Automatic Speech Recognition	yes	4
Business processes modelling and tools	yes	4
Computational Biology	yes	4
Computer Graphics	yes	4
Computer Networks	yes	8
Conceptual Modelling for Information Systems	yes	4
Cross-Language Information Technologies	yes	4
Data Warehousing and Data Mining	yes	8
Database Management and Tuning	yes	4
Decision Making and Support Systems	yes	4
Digital Libraries	yes	4
Distributed Databases	yes	4
eGovernment	yes	4
Enterprise Application Integration	yes	4
Formal Methods	yes	4
Foundations of Databases	yes	4
Foundations of Logic and Constraint Programming	yes	4
Functional and Logic Programming Languages	yes	8
Graph Theory	yes	4
Information Integration	yes	4
Intelligent Agents	yes	4
Intelligent Interfaces	yes	4
Intelligent Systems	yes	4
Internet and Mobile Services	yes	4

Introduction to Artificial Intelligence	yes	4
Introduction to Linguistics	yes	4
Knowledge and content management systems	yes	4
Knowledge Bases and Databases	yes	4
Logic and Constraint Programming	yes	8
Logic Systems	yes	4
Machine Learning: Algorithms and Applications	yes	4
Moving Objects Databases	yes	4
Multimedia and Hypermedia Systems	yes	4
Non Classical Logics	yes	4
Project 4	yes	4
Project 8	yes	8
Project 12	yes	12
Scripting languages for the Internet	yes	4
Seminar in Databases	yes	4
Seminar in Knowledge Representation	yes	8
Similarity Search	yes	4
Software Engineering for Distributed Systems	yes	4
Software Engineering for open mobile and embedded platforms	yes	4
System Security	yes	4
Temporal and spatial Databases	yes	4
Text Processing	yes	4
Ubiquitous Computing	yes	4
XML Storage and Indexing	yes	4