

Curriculum “Management and Technologies of Information Systems” – 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 Internet Technologies	yes	8
Advanced Network Management	yes	4
Advanced Web Systems	yes	4
Applied Ontologies for Software Engineering	yes	4
Business processes modelling and tools	yes	4
Decision Making and Support Systems	yes	4
Digital Libraries	yes	4
Distributed Databases	yes	4
eGovernment	yes	4
Embedded and Real-Time Systems	yes	4
Emprical Software Measurements	yes	8
Enterprise Application Integration	yes	4
Information Integration	yes	4
Information Search and Retrieval	yes	8
Intelligent Agents	yes	4
Intelligent Interfaces	yes	4
Intelligent Systems	yes	4
Internet and Mobile Services	yes	4
Introduction to Artificial Intelligence	yes	4
Knowledge and content management systems	yes	4
Legal Issues in Computer Science	yes	4
Machine Learning: Algorithms and Applications	yes	4
Model Driven Software Engineering	yes	4
Multimedia and Hypermedia Systems	yes	4
Multimedia Software Development	yes	4
Open Business Intelligence techniques	yes	4
Open Source Software Engineering	yes	4
Project 4	yes	4
Project 8	yes	8
Project 12	yes	12

Scripting languages for the Internet	yes	4
Software Architectures	yes	4
Software Engineering 2	yes	4
Software Engineering for Distributed Systems	yes	4
Software Engineering for open mobile and embedded platforms	yes	4
Software Engineering Standards and Models	yes	4
Software Evolution	yes	4
Software Process Improvement	yes	4
Software Process Management	yes	8
Software Quality Management	yes	4
Software Reliability and Testing	yes	8
Software Testing	yes	4
Strategies for Software Production	yes	8
System Security	yes	4
Ubiquitous Computing	yes	4
XML Data Management	yes	4
XML Storage and Indexing	yes	4