

Curriculum “Software Engineering” – 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 Object-Oriented Development	yes	4
Advanced Programming Techniques for Software Engineering	yes	8
Advanced Software Engineering Methodology	yes	4
Agile Software Engineering	yes	4
Applied Ontologies for Software Engineering	yes	4
Business processes modelling and tools	yes	4
Computer Graphics	yes	4
Design and development of open collaboration environments	yes	4
eGovernment	yes	4
Embedded and Real-Time Systems	yes	4
Empirical Software Measurements	yes	8
Enterprise Application Integration	yes	4
Infrastructures for open service oriented architectures	yes	4
Internet and Mobile Services	yes	4
Knowledge and content management systems	yes	4
Legal Issues in Computer Science	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 infrastructures for location-based services	yes	4
Open modelling frameworks	yes	4
Open Source Software Engineering	yes	4
Open tools and technologies for IT management	yes	4
Project 4	yes	4
Project 8	yes	8
Project 12	yes	12
Qualitative Research Methods in Software Engineering	yes	4
Requirements and Design of Software Systems	yes	8
Scripting languages for the Internet	yes	4

Seminar in Software Engineering	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 in Videogames	yes	4
Software Engineering Standards and Models	yes	4
Software Evolution	yes	4
Software Process Improvement	yes	4
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