

FREE CHOICE COURSES

Courses	ECTS	University
Advances in Software Engineering	10	OY
Advances in Software Systems	10	OY
Agent Based Software Engineering	10	OY
Interaction Design	5	OY
IT Infrastructure	5	OY
Mobile and Social Computing	5	OY
Master's Thesis Seminar	2	OY
Research Methods	5	OY
Software Engineering Research	5	OY
Advanced Project Management	6	UKL
Advances in Requirement Engineering	8	UKL
Advances in Software Engineering	6	UKL
Advanced Aspect of Object-oriented Programming	4	UKL
Applications of Artificial Intelligence	4	UKL
Applied Automata Theory	8	UKL
Automotive Software Engineering	8	UKL
Concurrency Theory	8	UKL
Empirical Model Building and Methods	4	UKL
Complex Network Analysis	4	UKL
Interaction Design	6	UKL
Introduction to Business Process Modeling	3	UKL
Introduction to Computational Intelligence	3	UKL
Intelligent User Interfaces: Design and Implementation	4	UKL
Human Computer Interaction	4	UKL
Middleware for Heterogeneous and Distributed Information Systems	8	UKL
Network Security	4	UKL
Performance Modeling of Distributed Systems	4	UKL
Process Modelling	4	UKL
Product Line Engineering	4	UKL

Protocol Engineering	4	UKL
Quality Management of Software and Systems	4	UKL
Regression and Time series analysis	8	UKL
Recent Developments for Data Models	4	UKL
Software Engineering Seminars	4	UKL
Software Architecture of Distributed Systems	4	UKL
Software Quality Assurance	4	UKL
Software Quality	8	UKL
Worst-Case Analysis of Distributed Systems	4	UKL
Advanced Internet Technologies	8	unibz
Advanced Programming Techniques for Software Engineering	8	unibz
Advanced Statistics for Data Mining	12	unibz
IT and service management	8	unibz
Lean start up	8	unibz
Mobile System Engineering	8	unibz
EMSE Project	8	unibz
Research Methods	2	unibz
Seminars in Software and IT Engineering	4	unibz
Statistical methods	4	unibz
Seminars in Machine Interaction	4	unibz
Empirical Software Measurements	8	unibz
Software Maintenance and Evolution	8	unibz
System Security	8	unibz
Advanced Software Economics	3	UPM
Advances in Software Engineering	6	UPM
Agent Based Software Engineering	6	UPM
Agile Software Development: Agile Practices and Agile Usability	4	UPM
Challenges for accessible computing for people with functional diversity	4	UPM
Critical Software	3	UPM
Software Economics	3	UPM
Data Engineering	4	UPM
Distributed and Outsourced Software Engineering	4	UPM

Interaction Design	6	UPM
Management, Relationships and Communication in Working Groups	4	UPM
Rigorous Software Development	4	UPM
Software Engineering Economics	3	UPM