

Computer Science courses taught in English

Sem.	Title	Course Type	Hours per week	ECTS Credits
WS	Exercises in Bioinformatics	Tutorial	2	3,20
WS	Bioinformatics	Lecture	2	2,60
WS	Numerical and symbolical methods for Bioinformatics	Combined Course	2	3,00
WS	Bioinformatics I: sequence analysis and phylogenetics	Combined Course	4	6,00
WS	Seminar Bioinformatics	Seminar	2	3,00
WS	Project Bioinformatics	Practical Training	4	9,00
WS	Computer-Based Working Environments	Combined Course	1	1,50
WS	Fundamentals of Numerical Analysis and Symbolic Computation	Combined Course	2	1,50
WS	Special Functions I	Tutorial	1	1,50
WS	Project Practical	Practical Training	5	7,50
WS	Systems Programming	Practical Training	2	3,00
WS	Systems Programming	Practical Training	2	3,00
WS	Artificial Intelligence	Tutorial	1	1,50
WS	Computer Architecture 1	Tutorial	1	1,50
WS	Software Engineering	Tutorial	1	1,50
WS	Artificial Intelligence	Lecture	2	3,00
WS	Computer Architecture 1	Lecture	3	4,50
WS	Bioinformatics	Lecture	2	3,00
WS	Software Engineering	Lecture	2	3,00
WS	Special Topics in Computer Science: Probabilistic Data Mining	Combined Course	1	1,50
WS	Special Topics in Software Engineering: Rich Client Programming - Plugging into the NetBeans Platform	Combined Course	1	1,50
WS	Special Topics in Software Engineering: Software Development in C#	Combined Course	1	1,50
WS	Special Topics in Software Engineering: .NET-Technology	Combined Course	1	1,50
WS	Special Topics in Software Engineering: JavaFX Game Development	Combined Course	1	1,50
WS	Special Topics in Software Engineering: Semantic Web Technologies: Fundamentals, Tools, Case Studies	Combined Course	1	1,50
WS	Special Topics in Computer Science: Exploratory Data Analysis	Combined Course	2	3,00
WS	Special Topics in Computer Science: Location Based Security	Combined Course	2	3,00
WS	Special Topics in Computer Science: Linux on System-Z	Combined Course	2	3,00
WS	Special Topics in Software Engineering: Autonomous Mobile Roboters	Lecture	2	3,00
WS	Special Topics in Computer Science: Computer Algebra	Combined Course	3	4,50
WS	Mobile Computing	Combined Course	2	3,00
WS	Theoretical Concepts of Machine Learning	Tutorial	1	1,50
WS	Computer Vision	Lecture	2	3,00
WS	Debugging	Lecture	2	3,00
WS	Interactive Rendering and Visualization	Lecture	2	3,00
WS	Theoretical Concepts of Machine Learning	Lecture	2	3,00
WS	Practical in Computer Science	Practical Training	5	7,50
WS	Model Checking	Tutorial	1	1,50
WS	Model Checking	Lecture	2	3,00
WS	Formal Verification	Seminar	2	3,00

WS = Winter Semester (October - January), SS = Summer Semester (March - June)

Sem.	Title	Course Type	Hours per week	ECTS Credits
WS	Computer Graphics	Seminar	2	3,00
WS	Computer Architecture 1	Seminar	2	3,00
WS	Practical in Pervasive Computing	Practical Training	5	7,50
WS	Pervasive Computing Infrastructure	Tutorial	1	1,50
WS	Pervasive Computing Infrastructure	Lecture	2	3,00
WS	Seminar in Pervasive Computing: Reality Mining	Seminar	2	3,00
WS	Formal Methods in Software Development	Combined Course	3	4,50
SS	Software Development II	Tutorial	2	3,00
SS	Project Practical	Practical Training	5	7,50
SS	Computer Architecture 2	Tutorial	1	1,50
SS	Computer Graphics	Tutorial	1	1,50
SS	Formal Models	Tutorial	1	1,50
SS	Computer Architecture 2	Lecture	2	3,00
SS	Computer Graphics	Lecture	2	3,00
SS	Formal Models	Lecture	2	3,00
SS	Special Topics in Networks and Security: Avoiding Stranded IT-Investments	Combined Course	1	1,50
SS	Special Topics in Software Engineering: Design and Implementation of Domain-specific Languages	Combined Course	1	1,50
SS	Special Topics in Software Engineering: Programming Java EE6	Lecture	1	1,50
SS	Special Topics in Computer Science: Visual Computing	Combined Course	2	3,00
SS	Special Topics in Software Engineering: Formal Specification of Software	Combined Course	2	3,00
SS	Special Topics in Computer Science: Verifikation	Combined Course	3	4,50
SS	Special Topics in Computer Science: Music Information Retrieval	Combined Course	3	4,50
SS	Special Topics in Networks and Security: System Security	Combined Course	3	4,50
SS	Engineering of Software-intensive Systems: Model Driven System Architecture	Combined Course	2	3,00
SS	System Software	Combined Course	2	3,00
SS	Wireless LANs	Combined Course	1	1,50
SS	Advanced Model Checking	Lecture	2	3,00
SS	Information Displays	Lecture	2	3,00
SS	Practical in Computer Science	Practical Training	5	7,50
SS	Cooperative Systems	Tutorial	1	1,50
SS	Cooperative Systems	Lecture	2	3,00
SS	Computer Vision	Seminar	2	3,00
SS	Computer Architecture 2	Seminar	2	3,00
SS	Machine Learning and Pattern Classification	Combined Course	3	4,50
SS	Mixed Reality Systems	Combined Course	3	4,50
SS	Pervasive Computing Systems Development	Tutorial	1	1,50
SS	Unconventional User Interaction	Tutorial	1	1,50
SS	Pervasive Computing Systems Development	Lecture	2	3,00
SS	Unconventional User Interaction	Lecture	2	3,00
SS	Software engineering	Combined Course	2	3,00
SS	Practical software technology	Combined Course	4	6,00

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