

MAXIMILIANS-UNIVERSITÄT MÜNCHEN



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Munich, September 27, 2016

Program: Bachelor Computer Science

Transcript of Records in accordance with the examination regulations for the Bachelor's program in Computer Science issued on September 29, 2010

nputer Science ntroduction to programming (lecture & classes) Programming and modeling (lecture & classes) Algorithms and data structures (lecture & classes) Computer architecture (lecture & classes) Operating systems (lecture & classes) Computer networks and distributed systems (lecture & classes) Software engineering (lecture & classes) Formal languages and complexity (lecture & classes)	WS 12/13 SS 13 SS 13 SS 13 WS 13/14 SS 14	1.3 1.7 1.3 1.0 1.0	Pa Pa Pa Pa	9 6 6	9 6
ntroduction to programming (lecture & classes) Programming and modeling (lecture & classes) Algorithms and data structures (lecture & classes) Computer architecture (lecture & classes) Operating systems (lecture & classes) Computer networks and distributed systems (lecture & classes) Software engineering (lecture & classes) Formal languages and complexity (lecture & classes)	WS 12/13 SS 13 SS 13 SS 13 WS 13/14 SS 14	1.3 1.7 1.3 1.0 1.0	Pa Pa Pa Pa	9 6 6	9 6
Programming and modeling (lecture & classes) Algorithms and data structures (lecture & classes) Computer architecture (lecture & classes) Operating systems (lecture & classes) Computer networks and distributed systems (lecture & classes) Software engineering (lecture & classes) Formal languages and complexity (lecture & classes)	SS 13 SS 13 SS 13 WS 13/14 SS 14	1.7 1.3 1.0 1.0	Pa Pa Pa	6 6	6
Algorithms and data structures (lecture & classes) Computer architecture (lecture & classes) Operating systems (lecture & classes) Computer networks and distributed systems (lecture & classes) Software engineering (lecture & classes) Formal languages and complexity (lecture & classes)	SS 13 SS 13 WS 13/14 SS 14	1.3 1.0 1.0	Pa Pa	6	
Computer architecture (lecture & classes) Operating systems (lecture & classes) Computer networks and distributed systems (lecture & classes) Software engineering (lecture & classes) Formal languages and complexity (lecture & classes)	SS 13 WS 13/14 SS 14	1.0 1.0	PA		6
Operating systems (lecture & classes) Computer networks and distributed systems (lecture & classes) Software engineering (lecture & classes) Formal languages and complexity (lecture & classes)	WS 13/14 SS 14	1.0		6	6
Computer networks and distributed systems (lecture & classes) Software engineering (lecture & classes) Formal languages and complexity (lecture & classes)	SS 14	-	PA	6	6
Software engineering (lecture & classes) Formal languages and complexity (lecture & classes)		2.3	PA	6	6
Formal languages and complexity (lecture & classes)	WS 13/14	1.0	PA	6	6
5 5 1 5	SS 14	1.7	PA	6	6
Formal specification and verification (lecture & classes)	SS 15	1.7	PA	6	6
Database systems (lecture & classes)	WS 13/14	1.0	PA	6	6
ogic and discrete structures (lecture & classes)	SS 15	1.3	PA	6	6
Seminar on General Topics of Computer Science					
Basic seminar in media informatics (seminar)	WS 14/15	1.0	PA	3	3
omain: Practical Training					
Practical course operating systems (lecture & practical training)	WS 13/14	1.0	PA	12	12
lathematics					
Analysis for computer scientists (lecture & classes)	WS 12/13	1.0	PA	9	9
inear algebra for computer scientists (lecture & classes)	WS 12/13	2.3	PA	6	6
Stochastics and statistics (lecture & classes)	SS 14	1.0	PA	9	9
Soft- and Hardskills					
ntellectual property and information technology (lecture)	SS 14		PA	3	3
T competence	SS 15		PA	3	3
Tutor in Computer Science	SS 14		TR		3
topics in computer science for bachelor					
Veb-information systems (lecture & classes)	WS 13/14	3.7	PA	6	
Aultimedia programming (lecture & classes)	SS 15	1.3	PA	6	
Practical course sketching with hardware (practical training)	SS 13	2.0	PA	6	
Digital media (lecture & classes)	WS 12/13	1.0	PA	6	6
Aedia technology (lecture & classes)	SS 13		PA	6	6
Computer graphics (lecture & classes)	SS 14	1.3	PA	6	6
Examination module					
Bachelor's Thesis: Show me your moves, Robot-sensei! The influence of	SS 16	1.0	PA	12	12
motion and speech on perceived human-likeness of robotic teachers					
/iva Voce	SS 16	1.3	PA	3	3
rchology					
Fundamentals of Psychology					
Principles of psychology part 1 and 2 (2 * lecture)	SS 13	1.3	PA	6	9
	ormal specification and verification (lecture & classes) atabase systems (lecture & classes) ogic and discrete structures (lecture & classes) eminar on General Topics of Computer Science asic seminar in media informatics (seminar) main: Practical Training ractical course operating systems (lecture & practical training) athematics nalysis for computer scientists (lecture & classes) inear algebra for computer scientists (lecture & classes) tochastics and statistics (lecture & classes) off- and Hardskills ntellectual property and information technology (lecture) r competence utor in Computer Science opics in computer Science opics in computer Science tochastics of extending with hardware (practical training) igital media (lecture & classes) omputer graphics (lecture & classes) mattical course sketching with hardware (practical training) igital media (lecture & classes) omputer graphics (lecture & classes) computer frages) ledia technology (lecture & classes) omputer graphics (lecture & classes) omputer graphics (lecture & classes) computer science for bachelor science of notion and speech on perceived human-likeness of robotic teachers iva Voce chology undamentals of Psychology rinciples of psychology part 1 and 2 (2 * lecture)	ormal specification and verification (lecture & classes)SS 15atabase systems (lecture & classes)WS 13/14ogic and discrete structures (lecture & classes)SS 15eminar on General Topics of Computer Scienceasic seminar in media informatics (seminar)WS 14/15main: Practical Trainingractical course operating systems (lecture & practical training)WS 13/14athematicsmain: and specific computer scientists (lecture & classes)WS 12/13inear algebra for computer scientists (lecture & classes)WS 12/13tochastics and statistics (lecture & classes)SS 14oft- and HardskillsSS 15tellcular property and information technology (lecture)SS 14opics in computer scienceSS 15opics in computer science for bachelorVS 13/14lultimedia programming (lecture & classes)SS 15ractical course sketching with hardware (practical training)SS 13igital media (lecture & classes)SS 13omputer graphics (lecture & classes)SS 13sigital media (lecture & classes)SS 13optics in computer science for bachelorSS 13value on and speech on perceived human-likeness of robotic teachersSS 14tamination moduleSS 14achelor's Thesis: Show me your moves, Robot-sensei! 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Module	List of credit courses continued	Semester	Grade Status		СР	СР
W/P 93	Advanced Psychology 1					
WP 93.1	Principles of data ascertainment (lecture)	WS 13/14	2.3	PA	5	5
WP 93.2	Introduction to general psychology 1 (lecture)	WS 14/15	2.0	PA	4	4
WP 94	Advanced Psychology 2					
WP 94.1	Introduction to general psychology 2 (lecture)	WS 14/15	1.5	PA	4	4
WP 94.2	Introduction to biological psychology (lecture)	WS 14/15	1.35	PA	4	4
WP 94.4	Introduction to social psychology (lecture)	55 13	2.35	PA	4	4
Further a	chievements (not accounted in the program)					
Media de	sign: Basics of computer-aided multimedia design part 2 (seminar)	WS 13/14	1.0	PA	6	
Compute	r Science: Interaction design (lecture & classes)	SS 14	1.0	PA	6	
Media de	sign: Detailed Drawing (seminar)	SS 14	1.0	PA	3	
Media de	sign: Basics of two-dimensional graphic design (seminar)	SS 14	1.0	PA	3	
Media De	sign: Methods of analysing art/media (seminar)	SS 14	1.0	PA	6	
Computer	r Science: Advanced functional programming (lecture & classes & practical training)	WS 14/15	1.0	PA	6	
Compute	r Science: Higher programming languages: Scala (lecture & classes)	WS 14/15	1.0	PA	6	
Compute	r Science: Virtual reality (lecture & classes)	SS 15	1.0	PA	6	
Physics: I	Physics of the universe (lecture)	WS 15/16	1.0	PA	3	
Compute	r Science: Drawing and sketching of scenarios (course)	WS 13/14		PA	3	
Media de	sign: Basics of two-dimensional artwork with colours (seminar)	WS 13/14		PA	3	
Media de	sign: Basics of two-dimensional graphic design (seminar)	WS 13/14		PA	3	
Media de	sign: Basics of computer-aided multimedia design part 1 (seminar)	WS 13/14		PA	6	
Compute	r Science: Visualisation of information (lecture & classes)	WS 14/15	1.3	PA	6	
Compute	r Science: Multimedia in the web (lecture & classes)	WS 14/15	1.3	PA	6	
Compute	r Science: Geographic information systems (lecture & classes)	WS 15/16	1.3	PA	6	
Compute	r Science: Concept development (practical training)	WS 14/15		PA	6	
Psycholog	gy: Human factors in engineering (2 * lecture)	SS 14	2.0	PA	6	
Compute	r Science: Database systems 2 (lecture & classes)	SS 15	2.0	PA	6	
Compute	r Science: IT security (lecture & classes)	WS 14/15	2.0	PA	6	
Computer	r Science: Human-machine interaction part 2 (lecture & classes)	WS 14/15	2.3	PA	6	
Computer	r Science: Methods of software engineering (lecture & classes)	WS 14/15	2.3	PA	6	
Statistics	: Statistics 1 for media informatics (lecture & classes)	WS 13/14	2.3	PA	6	
Computer	r Science: Knowledge discovery in databases 1 (lecture & classes)	SS 15	3.7	PA	6	
End of tra	nscript – Overall grade / Total of credit points:		1 17		318	180

Explanations of the listing

Grades on each piece of work are indicated as: 1 = very good; 2 = good; 3 = satisfactory; 4 = sufficient; 5 = not sufficient. To guarantee a higher degree of differentiation, grades may be decreased or increased. Grades better than 1.0 and worse than 4.0 (except 5.0) are not possible. The overall grade is computed as the arithmetic mean of the graded courses weighted according to credit points; only the grades in bold face are fully considered.

Status: PA = passed; TR = transferred; SU = signed up; FA = failed; TF = totally failed

CP: credit points according to the ECTS (European Credit Transfer System). In the second last column the credit points of each listed course is given, the last column (bold face) displays the credit points imputed according to the underlying degree program.

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The student has passed all required examinations in the program. The overall grade is 1.17. A copy of this print-out is kept by the examination office in charge under the ID given bottom left.

> Dr Reinhold Letz Examination Commissioner

