



Mr  
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## Transcript of Records

July 14, 2017

**Degree program: Master of Science (M. Sc.)  
Major Computer Science, PO 2011**

	Status/ Grade	ECTS	Semester/ Remark
<b>ECTS-Punktekonto Master of Science in Informatik (PO-Version 2011)</b>		68	
<b>Mandatory Modules M.Sc. Informatik (PO-Version 2011)</b>		18	
<b>Core field in Computer Science</b>	4.0	6	
Softwaretechnik / Software Engineering - Examination: Softwaretechnik / Software Engineering	4.0	6	SS 2014
<b>Master project</b>			
Masterproject in the research field Software Engineering: Masterprojekt/Studienarbeit am Lehrstuhl Softwaretechnik	TA		SS 2016
Masterproject in the research field Software Engineering: Masterprojekt/Studienarbeit am Lehrstuhl Softwaretechnik	TA		WS 2016/17
<b>Laboratory</b>	BE	6	
Laboratory in the research field "Software Engineering": Praktikum am Lehrstuhl für Softwaretechnik	TA		WS 2015/16
Praktikum - Studienleistung: Praktikum am Lehrstuhl für Softwaretechnik - Studienleistung	BE (1.0)	6	WS 2015/16
<b>Deepening in Computer Science</b>	1.7	6	
<b>Einführung in die Kryptographie/Introduction to Cryptography</b>			
Einführung in die Kryptographie/Introduction to Cryptography- Lecture	TA		WS 2016/17
Einführung in die Kryptographie/Introduction to Cryptography-Exercise	TA		WS 2016/17
Komplexitätstheorie / Computational Complexity - Examination: Komplexitätstheorie / Computational Complexity - Prüfung	1.7	6	WS 2014/15
<b>Elective Modules Master of Science in Computer Science</b>	1.8	50	
<b>Application Area in Bioinformatics</b>	1.3	18	
Bioinformatik I / Bioinformatics I - Examination: Bioinformatik I / Bioinformatics I - Prüfung	1.3	6	SS 2015
Bioinformatik II / Bioinformatics II - Examination: Bioinformatik II / Bioinformatics II - Prüfung	1.0	6	WS 2015/16
Maschinelles Lernen in den Lebenswissenschaften / Machine Learning in Life Science - Examination	1.7	6	WS 2016/17
<b>Specialization in M.Sc. Computer Science PO-Version 2011</b>	2.4	32	
<b>Information Systems - Specialization</b>	2.4	32	
Seminar in the research field "Bioinformatics": Seminar am Lehrstuhl Bioinformatik: Algorithms for high throughput sequencing analysis	TRE		WS 2015/16
Seminar I im Bereich Informationssysteme - Studienleistung	BE (0.0)	4	WS 2015/16
Seminar in the research field "Software Engineering": Seminar am Lehrstuhl Softwaretechnik: Advanced Topics in Automata Theory	TRE		SS 2015
Seminar II im Bereich Cyber-Physical Systems - Studienleistung	BE (0.0)	4	SS 2015
<b>Information Systems - Specialization in Computer Science I</b>	1.8	12	
Software Design, Modellierung und Analyse in UML / Software Design, Modelling and Analysis in UML	1.7	6	WS 2014/15
Software Design, Modellierung und Analyse in UML - Examination: Software Design, Modellierung und Analyse in UML / Software Design, Modelling and Analysis in UML Software Design, Modelling and Analysis in UML - Prüfung			
Verteilte Systeme / Distributed Systems - Examination: Verteilte Systeme / Distributed Systems - Prüfung	2.0	6	SS 2014
<b>Information Systems - Specialization in Computer Science II</b>	3.0	12	
Suchmaschinen / Information Retrieval - Examination: Suchmaschinen / Information Retrieval - Prüfung	2.7	6	WS 2015/16
Datenmodelle und Abfragesprachen / Data Models and Query Languages - Lecture: Data Models and Query Languages - Vorlesung	TRE		SS 2014
Datenmodelle und Abfragesprachen / Data Models and Query Languages - Exercises: Data Models and Query Languages - Übung	TRE		SS 2014
Datenmodelle und Abfragesprachen / Data Models and Query Languages - Examination: Datenmodelle und Abfragesprachen / Data Models and Query Languages - Prüfung	3.3	6	WS 2014/15

	Status/ Grade	ECTS	Semester/ Remark
<i>Prerequisite exams for permission of study</i>	BE		
<b>Computer Science Theory - Bridging Course - Prüfung</b>	BE	6	

Please note:

This transcript of records should only be used for your personal information, as it is not a legally binding document. Legally binding transcript of records (with signature and seal) are issued exclusively by the competent examination office.

**Key of statuses:**

ZU = admitted to examination; ZUV = admitted to examination conditionally; NZU = not admitted to examination; E = submitted;  
RT = accepted withdrawal from examination  
BE = assessment passed; NB = assessment failed; EN = examination finally failed; REG = notification of assessment registered  
TA = participation in course accepted; TRE = regular participation in course; TNE = irregular participation in course

**Grades:**

1,0 to 1,5 = excellent  
1,6 to 2,5 = good  
2,6 to 3,5 = satisfactory  
3,6 to 4,0 = sufficient  
5,0 = insufficient

**Key of remarks:**

FRV = extension; MED = medical reasons; NE = failed to appear; NZ = no admission; PFÜ = exam deadline passed; SOG = other reasons; TV = attempt of deception