Part of the form for Study Achievement Recognition Page 1

Student's Performance

Achievements to be recognize	d:	cation form please ma	ke sure	to be filled I	by Ulm University nt pay already fill in examination Should	n numbers a	and areas)					
Application number: 01 to indicate the correct number on all subsequent pages that belong to this form. The number 01 will be set automatically on all forms.					Recognition	Den						
The following achievement completed (module/exa		Grade/CP/ workload	Yes/No	Exam number	in area (compulsory elective, specialisation, core subject, etc.)	Grade	СР	significant diff in acquire competen	ed	incomplo docume		to be decided later
Uni Ulm, exchange st Programming Conce (Modul: 746 48)		Grade 1,0 CP 6 W 4	yes •			0		no	0	no	0	no •
(ERASMUS-Program,	ERTIFICATE – EXCHANGE S Bilateral and Baden-Württemberg Ex			∼	certificate for exchange of the University of Ulm							
Student/in (Name) Student (Name) Semester Semester	Peter Example Summer Term 2019											
Veranstaltungsnummer Course Number Titel der Veranstaltung Course Title	Programming Concepts for Cogniti	ive Systems										
Dozent/in (Name) Instructor (Name) Veranstaltungsart	Prof. Dr. Max Meier											
Type of Course Unterrichtssprache Language of Instruction	Vorlesung und Übung (Lecture and Englisch (Englisch)	Tutorial)	0									
Semesterwochenstunden Contact Hours	2+2		0									
Art des Leistungsnachweises Work Performed	Klausur (Witten Exam)											
Leistungspunkte (ECTS Credits) Workload (ECTS Credits) Note / Erfolg	1,0 (Local Grade)											

Part of the form for Study Achievement Recognition Page 1

Achievements to be recognized:	to be filled by Ulm University (the applicant pary already fill in examination numbers and areas)													
Application number: 01 When handing in more than one app to indicate the correct number on all belong to this form. The number 01 von all forms.	n form, please make sure Should quent pages that							Denial/Reasons						
The following achievements have been completed (module/exam)		e/CP/ load	Yes/No Exam number		in area (compulsory elective, specialisation, core subject, etc.)		Grade	СР	significant difference in acquired competences		incomplete documents		to be decided later	
Uni Ulm, exchange student, Programming Concepts for Cognitive Sys. (Modul: 746 48)	Grade CP WL	1,0 6 4	yes •	146 48	Methods, Gen. Con Tools - Special Subj Programming Conc CogSys Modul: 746 48	iect,	1,00	8	no	0	no	0	no	0
Student's Corner C	ourses		Org	gunits					\					
(Modul: 746 48) Student's Corner Courses Study Facilities You are here: Home → Study. → Browse Module Descriptions				pobers					\					
You are here: <u>Home</u> → <u>Study</u> → <u>Browse Module Description</u>	<u> </u>								\					
Browse Module Module Descriptions Descriptions						Modu	ul details	(cut-o	ut) \					
Search in Modules	Search in Modules Oberste Ebene Moduls for Degree: Master of Spence Courses of Spence Courses of Spence Master of Spence Master of Spence Courses of Spence Master of Spence Master of Spence Courses of Spence Course C							ning Concep	ots for Cognitiv					
Modulhandbücher Archiv Archiv Archiv Archiv Modulhandbücher > Examination regulations voice [rools - Special Subject >] 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	ethods, General Con-		Code		882	7974648								
Degree course	io i rogi di ilii		epis for cognitive s	ysterns -		ECTS c		6						
scheme Please choose:					Attendance time 4									
Examination 74648 Programming Corregulation				f1	Language of instruction engl					englisch				
regulation 4 14648 Programmi Hide menu	<u>ng Concep</u>	ts for Co	ognitive Systems			Durati	on	1 Se	1 Semester					

Cut-out of the Campus Management System for the suggested recognition (here for MSc Cognitive Systems)

Part of the form for Study Achievement Recognition Page 1

Achievements to be recognized: When handing in more than one appli												
Application number: 01 to indicate the correct number on all s belong to this form. The number 01 wi on all forms.			Recognition				Denial/Re					
The following achievements have been completed (module/exam)	Grade/C workloa	I YAS/NA	Exam number	in area (compulsory elective, specialisation, core subject, etc.)	Grade CP		significant difference in acquired competences	incomplete documents	to be decided later			
Uni Ulm, exchange student, Introduction to Computer Science I + II	Grade 3	3,0 12 yes •	102 50 108 50	Praktische Informatik, Einführung in die Informatik	3,0	8	no •	no •	no •			
Modul: 710 70 + 710 77	WL	8		Modul: 703 19								

Remark 1: Combination of Achievements

A recognition can be composed of several achievements (here: the two modules "Introduction to Computer Science I - Fundamentals" and "Introduction to Computer Science II – Advanced Concepts", each 6 ETCS) and can result in multiple recognized exams (here 102 50 – "Praktische Informatik" and 108 50 – "Einführung in die Informatik") within one module.

Remark 2: Credit Points

The number of achieved credit points (in ECTS, here 12) must be higher than or equal to the number of recognized credit points (ECTS, here 8). Non-ECTS credits must be converted to ECTS. A proof of the work load associated with each achieved non-ECTS credit is to be provided by the applicant.

Remark 3: Exam numbers and pre-requisites for eams

Some exams at the University of Ulm have pre-requisites. To recognize an exam with a pre-requisite, also the exam number of the pre-requisite exam is to be listed. Exam numbers can only be found via "Browse Modul Descriptions" in the Campus Management System and not via "Search in Modules".

Oberste Ebene > Module für Abschluss: Bachelor of Science > Studiengang: Informatik
 Studium gemäß Prüfungsordnung: 2017 > Praktische Informatik
 70319 Einführung in die Informatik

Bitte wählen Sie aus:

- 0 70319 Einführung in die Informatik (i) pdf 1
- 7 10250 Einführung in die Informatik
- 🦊 <u>10850 Praktische Informatik Übung</u>

Part of the form for Study Achievement Recognition Further Pages

Achievements to be recognized:

to be filled by Ulm University

(the applicant may already fill in examination numbers and areas)

					Recognition		Denial/Re			
The following achievements have been completed (module/exam) Grade/CP/ Workload		Yes/No	Exam number	in area (compulsory elective, specialisation, core subject, etc.)	Grade	СР	significant difference in acquired competences	incomplete documents	to be decided later	
Aalto University, BSc Computer Science Automated reasoning CS-E5610	GRD CP WL	4,0 6	yes 🔿	none	Planning & Reasoning - Special Subj. Recognition without equivalent	1,7 🔾	6	no •	no 💿	no 💿
	GRD CP WL		0			•		0	0	0
	GRD CP WL		0			0		0	0	0

Remark 1: Automated Reasoning, Recognition without equivalent

Courses from *other* universities may be recognized in *elective areas* without an equivalent if no matching course exists at the University of Ulm and if the course could be offered within the elective area.

Anmerkung 3: Grade conversion

Grades from a different grading scale are converted according to the Bavarian Formula: $N=1+3\cdot\frac{P_{max}-P}{P_{max}-P_{min}}$ with N representing the converted grade, P the grade as in the transcript, P_{min} and P_{max} the minimal and maximal possible grades. For the Aalto University the grades are from 0 (fail) – 5, hence we have here, $1+3\cdot\frac{5-4}{5-0}=1$,6. Please provide the documents relevant for the conversion.

Part of the form for Study Achievement Recognition Further Pages

Achievements to be recognized:

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(the applicant may already fill in examination numbers and areas)

Silodia														
						Recognition		Denial/Reasons						
The following achievements have been completed (module/exam)	\ \\/orkload		I VAC/NA		Exam number	in area (compulsory elective, specialisation, core subject, etc.)	Grade	СР	significant difference in acquired competences		incomplete documents		to be deci later	
TU Vienna, MSc Computational Logic Algorithms and Data Structures (186.13)	GRD CP WL	4,0 6 4	no (0	103 13	Theoretical Methods in CS, Algorithms and Data Structures Modul: 703 18	4,0	8	yes		no	0	no	0
Free University of Bolzano, BSc Computer Science, Object-orientierted Programming, Modul 63611	GRD CP WL	4,0 10 -	no	0	102 50 108 50	Praktische Informatik, Einführung in die Informatik Modul: 703 19	4,0 🔿	8	yes		no	0	no	0
	GRD CP WL			0			0		0			0		0

Remark 1: Algorithms and Data Structures

Since the course "Algorithms and Data Structurs" has 8 ECTS at the University of Ulm, but the course completed at TU Vienna has only 6 ETCS, the course cannot be recognized as equivalent.

Remark 2: Object-orientierted Programming

The module description of "Object-oriented Programming" shows the the taught competences are only partly overlapping the twhat is taught in module 703 19 "Einführung in die Informatik" at the University of Ulm. Even though the number of achieved credits is larger (10 > 8), a recognition is nt possible since "Einführung in die Informatik" is a mandatory course and an exact match of the taught contents is requiered for mandatory courses.