



Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject Computer Science as Unterrichtsfach with the degree "Erste Staatsprüfung für das Lehramt an Realschulen"

Responsible: Faculty of Mathematics and Computer Science Responsible: Institute of Computer Science Examination regulations version: 2015 Examination regulations version: 2015

Abbreviations used:	Course types: E = field trip, K = colloquium, O = conversatorium, P = placement/lab course, R = project, S = seminar, T = tutorial, Ü = exercise, V = lecture
	Term: SS = summer semester, WS = winter semester
	Methods of grading: NUM = numerical grade, B/NB = (not) successfully completed
	Regulations: (L)ASPO = general academic and examination regulations (for teaching-degree programmes), FSB = subject-specific provisions, SFB = list of modules
	Other: A = thesis, LV = course(s), PL = assessment(s), TN = participants, VL = prerequisite(s)
Conventions for the modules in this SFB:	Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not cre- ditable for bonus.
Information on assessment procedures:	Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the me- thod of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the customary manner.
	Should a module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below.
	Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all individual assessments.

In accordance with the general regulations governing the degree subject described in this module catalogue:

LASPO2015

associated official publications (FSB (subject-specific provisions)/SFB (list of modules)):

08-Sep-2015 (2015-121)

This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.

Every module will be described using the following form:

	Module title									
	ECTS		Duration	(in semesters)	Method of grading		Module level			
	Courses		To be spe	To be specified in the form X (y) with course type X abbreviated as specified above and number of weekly contact hours y						
	Method of as	ssessm	ent							
	Only after su completion of		Il if applica	ble						
	Other prereq	uisites	if applica	if applicable						
	Participants and allocati- on of places		ocati- if applica	if applicable						
	Additional information		on if applica	if applicable						
	Referred to in	n LPO I	if applica	ble (examination re	gulations for teaching	g-degree programmes)				

Scientific Discipline (60 ECTS credits)

Compulsory Courses (40 ECTS credits)

General Compulsory Courses (30 ECTS credits)

General Compulso												
10-l-EinP-152-m01	Introdu	ction to	Program	ming								
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses	S		V (2) -	(2) + Ü (2)							
	Method	l of asse	essment	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candi- date).								
10 L DP 152 mot	Referre	d to in L	PO I	§ 49 I	creditable for bonus § 49 l Nr. 1 b) § 69 l Nr. 1 b)							
10-l-DB-152-m01	Databa	ses										
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses			V (2) -	/ (2) + Ü (2)							
		Method of assessment			If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candi- date). Language of assessment: German and/or English creditable for bonus							
	Referre	Referred to in LPO I		§ 49 Nr. 1 b) § 69 Nr. 1 b)								
10-l-ST-152-m01	Softwa	re Techr	nology									
	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses			V (4) + Ü (2)								
	Method of assessment			written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candi- date). creditable for bonus								
	Referre	d to in L	PO I		Nr. 1 b) Nr. 1 b)							

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10-I-SWP-RS-152-	Practic	al cours	e in softv	vare (G	erman Realschule)	-		,		
m01	ECTS	10	Duration	1	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate	
	Course	s		P (6)						
	Method	l of asse	essment				re project in groups (approx. 30	oo hours per pe	rson) and final presentation (ap-	
				•	prox. 10 minutes per group)					
	Modules successfully completed			10-I-ST and either 10-I-PP or 10-I-EPP						
	other prerequisites				In addition, the knowledge and skills acquired in module 10-I-ADS and/or 10-I-GADS are required. Prior attendance of these modules is therefore highly recommended.					
	Referre	d to in L	PO I	§ 49 l	Nr. 1 c)					
Theoretical Compu	ter Scier	nce (10 E	CTS cred	lits)						
10-I-TIV-152-m01	Theore	tical Inf	nformatics							
	ECTS 5 Duration			n	1 semester	Method of grading	numerical grade	Modul level	undergraduate	
	Courses			V (4)						
	Method of assessment			lf ann	ounced by the lectu e candidate each (ap		f the course, the written exami		eplaced by an oral examination (approx. 15 minutes per candi-	
	Referre	d to in L	PO I		Nr. 1 a) Nr. 1 a)					
10-I-TIT-152-m01	Tutoria	l Theore	etical Info	ormatic	S					
	ECTS	5	Duration	1 Ü (2)	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate	
	Courses									
	Methoo	l of asse	essment	b) wri	a) completion of approx. 11 exercises with approx. 4 components each (50% to be completed correctly) or b) written examination (approx. 180 to 240 minutes) Method of assessment to be selected by the candidate.					
	Referre	d to in L	PO I		Nr. 1 a) Nr. 1 a)					

Compulsory Electiv	es (20 ECTS crea	dits)								
Algorithms and Dat	a Structures (10	ECTS cre	edits)							
10-I-ADS-152-m01	Algorithms and	l data str	ucture	uctures						
	ECTS 10 Duration		n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses		V (4) +							
	Method of asse	essment	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candi- date). creditable for bonus							
	Referred to in L	-	§ 69 I	Nr. 1 a) Nr. 1 a)						
10-I-GADS-152-				s Level One Course	1					
m01	ECTS 10	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses		V (4) +	-		· · · · · ·				
	Method of asse	essment	written examination (approx. 60 to 120 minutes) or oral examination of one candidate each (approx. 20 minutes) or oral ex- amination in groups of 2 candidates (approx. 15 minutes per candidate) creditable for bonus							
	Referred to in L	PO I	§ 49 I	Nr. 1 a)						
Programming Pract	ical Courses (10	ECTS cre	edits)							
10-I-PP-152-m01	Practical Cours	e in Prog	rammi	ng						
	ECTS 10	Duration	1		Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses		P (6)							
	Method of assessment		written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candi- date).					replaced by an oral examination s (approx. 15 minutes per candi-		
	Referred to in L	PO I	§ 49 Nr. 1 c) § 69 Nr. 1 d)							
10-I-EPP-152-m01	Introductory Pr	ogrammi								
	ECTS 10	Duration		1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses		P (6)							
	Method of asse		If ann of one date).	ounced by the lectu e candidate each (ap	rer at the beginning		ination may be	(approx. 60 to 120 minutes) replaced by an oral examination s (approx. 15 minutes per candi-		
	Referred to in L	POI	§ 49 I	Nr. 1 c)						

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		C5 (12 LUIS	S credi	ts)								
Courses V (2 + Ü (2) + P (2) Method of assessment written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minut date). reditable for bonus Referred to in LPO I § 49 I Nr. 2 Method of assessment written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination in groups of 2 candidates (approx. 15 minut date). reditable for bonus Referred to in LPO I § 49 I Nr. 2 Method of assessment written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral of one candidate each (approx. 20 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minut date). reditable for bonus Referred to in LPO I § 49 I Nr. 2 Referred to in LPO I § 49 I Nr. 2 S 49 I Nr. 2 Referred to in LPO I § 49 I Nr. 2 S 49 I Nr. 2 Students studying for a teaching degree Realschule must complete a practical training in didactics and teaching methodology (studienbegle		Compute	r Scier	nce Educa	ation 1	ion 1 (incl. Practical Course in the Application of Computer Science Systems form an Educational Point of View)						
Method of assessment written examination (approx. 6o to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minut date). creditable for bonus Referred to in LPO 1 \$ 49 Nr. 2 \$ 69 Nr. 2 100-I-DD12-R5-152- m01 Computer Science Education 2 (incl. Seminar in Computer Science Education at the German Realschule) ECTS 0 Duration 1 semester Method of assessment Written examination (approx. 6o to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral of one candidate each (approx. 20 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minut date). creditable for bonus Referred to in LPO I § 49 Nr. 2 Paper (4 ECTS credits) Students studying for a teaching degree Realschule must complete a practical training in didactics and teaching methodology (studienbegleitendes fachdid tikum) which refers to one of the subjects trained user studieres Fach (subject studied with a focus on the scientific discipline) pursuant to Section this obtained are counted in the subject Erziehungswissenschaften pursuant to Section 10 Subsection 3 LASPO (general academic and examination regulations thring-degree programmes). Inol-ISBFD-RS-152- m01 Practical Training in Classroom Teaching in Computer Science Educ		ECTS 6	;	Duration	า	2 semester	Method of gradin	g numerical grade	Modul level	undergraduate		
If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minut date). creditable for bonus Referred to in LPO I § 49 Nr. 2 § 69 Nr. 2 10-1-DD12-RS-152- mo1 Computer Science Education at Computer Science Education at the German Realschule) ECTS 6 Duration 1 semester Method of assessment written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minut date). creditable for bonus Referred to in LPO I § 49 Nr. 2 Paper (4 ECTS credits) written examination (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minut date). creditable for bonus Referred to in LPO I § 49 Nr. 2 Paper (4 ECTS credits) studying for a teaching degree Realschule must complete a practical training in didactics and teaching methodology (studienbegleitendes fachdid ikum) which refers to one of the subjects they selected as verifief studiertes Fach (subject studied with a focus on the scientific discipline) pursuant to Section 10 Subsection 3 LASPO (general academic and examination regulations for teaching-degree programmes). The obligatory accompanying tutorial is offered by the respective subject. To inig-degree programmes). The obligatory accompanying tutorial is offered by the respective subject. To inig		Courses			V (2)	+ Ü (2) + P (2)	• •		•			
Image: Second		Method of assessment			If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate).							
mo1 ECTS 6 Duration 1 semester Method of grading numerical grade Modul level undergraduate Courses V (2) + Ü (2) + S (2) Written examination (approx. 6o to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minut date). Referred to in LPO I § 49 l Nr. 2 Paper (4 ECTS credits) Students studying for a teaching degree Realschule must complete a practical training in didactics and teaching methodology (studienbegleitendes fachdid ikum) which refers to one of the subjects they selected as vertieft studiertes Fach (subject studied with a focus on the scientific discipline) pursuant to Section 1 No. 4 LPO I (examination regulations for teaching-degree programmes). The obligatory accompanying tutorial is offered by the respective subject. To thing-degree programms). tot-I-SBFD-RS-152- Practical Training in Classroom Teaching in Computer Science Education including Theory (German Realschule) m01 ECTS 4 Duration 1 semester Method of grading (not) successfully completed Modul level undergraduate			Referred to in LPO I			Nr. 2						
$\frac{ CCTS _{O}}{ CCTS _{O}} = \frac{ CTS _{O}}{ CCTS } = \frac{ CTS _{O}}{ CCTS _{O}} = \frac{ CTS _{O}}{ CCT$		Computer	r Scier	nce Educa	ation 2	(incl. Seminar in	Computer Science Ec	ucation at the German	n Realschule)			
Method of assessment written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minut date). creditable for bonus Referred to in LPO I § 49 Nr. 2 Paper (4 ECTS credits) Students studying for a teaching degree Realschule must complete a practical training in didactics and teaching methodology (studienbegleitendes fachdid tikum) which refers to one of the subjects they selected as vertieft studiertes Fach (subject studied with a focus on the scientific discipline) pursuant to Section section 1 No. 4 LPO I (examination regulations for teaching-degree programmes). The obligatory accompanying tutorial is offered by the respective subject. T dits obtained are counted in the subject Erziehungswissenschaften pursuant to Section 10 Subsection 3 LASPO (general academic and examination regulati ching-degree programms). 10-I-SBFD-RS-152- m01 Practical Training in Classroom Teaching in Computer Science Education including Theory (German Realschule) ECTS 4 Duration 1 semester Method of grading (not) successfully completed Modul level undergraduate Courses P (o) + S (2)				Duration	า	1 semester	Method of gradin	g numerical grade	Modul level	undergraduate		
If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minuted). creditable for bonus Referred to in LPO I § 49 l Nr. 2 Paper (4 ECTS credits) Students studying for a teaching degree Realschule must complete a practical training in didactics and teaching methodology (studienbegleitendes fachdid ikum) which refers to one of the subjects they selected as vertieft studiertes Fach (subject studied with a focus on the scientific discipline) pursuant to Section 1 No. 4 LPO I (examination regulations for teaching-degree programmes). The obligatory accompanying tutorial is offered by the respective subject. The obligatory accompanying tutorial is offered by the respective subject. This obtained are counted in the subject Erziehungswissenschaften pursuant to Section 10 Subsection 3 LASPO (general academic and examination regulations regulations for teaching in Computer Science Education including Theory (German Realschule) no1 ECTS 4 Duration 1 semester Method of grading (not) successfully completed Modul level undergraduate Courses P (o) + S (2) Point Subject Studente Study of Subject Studente Subject Studente Subject		Courses			V (2)	+ Ü (2) + S (2)						
Paper (4 ECTS credits) Students studying for a teaching degree Realschule must complete a practical training in didactics and teaching methodology (studienbegleitendes fachdid ikum) which refers to one of the subjects they selected as vertieft studiertes Fach (subject studied with a focus on the scientific discipline) pursuant to Sect section 1 No. 4 LPO I (examination regulations for teaching-degree programmes). The obligatory accompanying tutorial is offered by the respective subject. T dits obtained are counted in the subject Erziehungswissenschaften pursuant to Section 10 Subsection 3 LASPO (general academic and examination regulations ching-degree programms). so-I-SBFD-RS-152- NO1 Practical Training in Classroom Teaching in Computer Science Education including Theory (German Realschule) ECTS 4 Duration 1 semester Method of grading (not) successfully completed Modul level undergraduate Courses P (o) + S (2)		Referred to in LPO L			date). creditable for bonus							
No-I-SBFD-RS-152- Practical Training in Classroom Teaching in Computer Science Education including Theory (German Realschule) M01 ECTS 4 Duration 1 semester Method of grading (not) successfully completed Modul level undergraduate Courses P (o) + S (2) P<		Referreu	LO III LI	201	349	111. 2						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Students studying ikum) which refers section 1 No. 4 LPC lits obtained are c	lits) for a teach s to one of t) I (examina counted in t	ning deg the sul ation re	gree Rea bjects th egulatior	lschul ey sel 1s for 1	e must complete a ected as vertieft st eaching-degree p	udiertes Fach (subjectrogrammes). The obli	t studied with a focus gatory accompanying	on the scientific discipli tutorial is offered by the	ne) pursuant to Section 34 Sub- respective subject. The ECTS cre-		
Courses P (o) + S (2)	Students studying ikum) which refers ection 1 No. 4 LPC lits obtained are c hing-degree progr	lits) for a teach s to one of f) I (examina counted in t ramms).	ning deg the sul ation re the sub	gree Rea bjects th egulatior oject Erzi	lschul ey sel 1s for I ehung	e must complete a ected as vertieft st eaching-degree p swissenschaften	udiertes Fach (subjec rogrammes). The obli pursuant to Section 1	t studied with a focus gatory accompanying f o Subsection 3 LASPO	on the scientific discipli tutorial is offered by the (general academic and e	ne) pursuant to Section 34 Sub- respective subject. The ECTS cre-		
	Students studying ikum) which refers ection 1 No. 4 LPC lits obtained are c hing-degree progr o-I-SBFD-RS-152-	lits) for a teach s to one of t) I (examina counted in t ramms). Practical	ning de the sul ation re the sub	gree Rea bjects th egulatior oject Erzi n g in Cla	lschul ey sel 1s for 1 ehung ssroo l	e must complete a ected as vertieft st eaching-degree p swissenschaften n Teaching in Con	udiertes Fach (subjec rogrammes). The obli pursuant to Section 1 nputer Science Educa	t studied with a focus gatory accompanying to Subsection 3 LASPO tion including Theory	on the scientific discipli tutorial is offered by the (general academic and e (German Realschule)	ne) pursuant to Section 34 Sub- respective subject. The ECTS cre- examination regulations for tea-		
Contents and duration of placement as specified in Section 34 Subsection 1 Sentence 1 No. 4 LPO I (examination for teaching-degree programmes); participation in mandatory teaching practice, completion of all set tasks as a placement school.	Students studying ikum) which refers section 1 No. 4 LPC dits obtained are c ching-degree progr 10-I-SBFD-RS-152-	lits) for a teach s to one of t o I (examina counted in t ramms). Practical ECTS 4	ning de the sul ation re the sub	gree Rea bjects th egulatior oject Erzi n g in Cla	lschul ey sel is for t ehung ssrooi 1	e must complete a ected as vertieft st eaching-degree p swissenschaften n Teaching in Con 1 semester	udiertes Fach (subjec rogrammes). The obli pursuant to Section 1 nputer Science Educa	t studied with a focus gatory accompanying to Subsection 3 LASPO tion including Theory	on the scientific discipli tutorial is offered by the (general academic and e (German Realschule)	ne) pursuant to Section 34 Sub- respective subject. The ECTS cre- examination regulations for tea-		
Referred to in LPO I § 34 I 1 Nr. 4	Students studying tikum) which refers section 1 No. 4 LPC dits obtained are c ching-degree progr 10-I-SBFD-RS-152-	lits) for a teach s to one of to l (examina counted in t ramms). Practical ECTS 4 Courses	ning deg the sul ation re the sub Trainin	gree Rea bjects th egulatior oject Erzi ng in Cla Duratior	lschul ey sel is for t ehung ssroo l n P (o) Writte Conte for te	e must complete a ected as vertieft st eaching-degree p swissenschaften n Teaching in Con 1 semester + S (2) en elaboration of t ents and duration aching-degree pro	udiertes Fach (subject rogrammes). The obli pursuant to Section 1 nputer Science Educa Method of gradin eaching practice (15 to of placement as spect	t studied with a focus gatory accompanying to Subsection 3 LASPO tion including Theory g (not) successfully c o 20 pages) ified in Section 34 Sub	on the scientific discipli tutorial is offered by the (general academic and e (German Realschule) ompleted Modul level osection 1 Sentence 1 No.	ne) pursuant to Section 34 Sub- respective subject. The ECTS cre- examination regulations for tea- undergraduate . 4 LPO I (examination regulation		

areas below.

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Freier Bereich -- interdisciplinary: The interdisciplinary additional offer for a teaching degree can be found in the respective Annex "Ergänzende Bestimmungen für den "Freien Bereich" im Rahmen des Studiums für ein Lehramt".

Computer Science (Freier Bereich (gen	eral as	well as s	subject-sp	ecific	electives) subject	specific)					
10-I-REP-152-m01	Exam	Tutorial f	for the Ge	rman S	Staatsexamen						
	ECTS	4	Duration	า	2 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Cours	es		Ü (2)	•			•	-		
	Metho	od of asse	essment	One e	One exercise per area covered in the state examination						
	Referr	ed to in L	.PO I		Nr. 2 f) Nr. 3 b)						
10-l-DS-152-m01	Semir	nar Comp	uter Scie	nce Ed	ucation						
	ECTS	4	Duration	า	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses			S (2)							
	Method of assessment		field c	written elaboration (approx. 20 pages) and presentation including discussion (approx. 45 to 60 minutes) on a topic from the field of computer science didactics Assessment offered: Only in the semester in which the course is offered							
		ed to in L		§ 22	2 II Nr. 2 f) 2 II Nr. 3 f)						
10-I-DV-152-m01	Advan	iced Topi	cs of Com	puter Science Education							
	ECTS	4	Duration	า	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Cours	es		S (2)							
	Method of assessment		Assessment offered: Only in the semester in which the course is offered								
	Referr	ed to in L	.PO I		§ 22 Nr. 2 f) § 22 Nr. 2 f), § 22 Nr. 3 f)						
10-l-DRO-152-m01	Robot	ics in Edu	ucation (p	oractica	al course)						
	ECTS	4	Duration	า	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Cours	es	,	Ü (2)	Ü (2)						
	Method of assessment		essment		practical assignment (supervision of a group of pupils) with examination talk (approx. 15 minutes) Assessment offered: Only in the semester in which the course is offered						
	Referr	ed to in L	.PO I		I Nr. 2 f) I Nr. 3 f)						
10-I-DPR-152-m01	Practi	cal Cours	se on Com	nputer Science Education							
	ECTS	4	Duration	า	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Cours	es		Ü (2)							
	Metho	od of asse	essment	practi Asses	cal assignment with sment offered: Only	examination talk (ap in the semester in w	pprox. 15 minutes) hich the course is offered				
	Referr	ed to in L	.PO I		I Nr. 2 f) I Nr. 3 f)						
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10-I-DPP-152-m01											
	ECTS	6	Duratio	n	2 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses			Ü (2) ·	(2) + S(2)						
	Method of assessment				practical assignment (preparing and delivering a school lab session) with examination talk (approx. 15 minutes) Assessment offered: Only in the semester in which the course is offered						
	Referred to in LPO I			§ 22 Nr. 2 f) § 22 Nr. 3 f)							
10-I-TUT1-152-m01	Tutor a	ctivity 1									
	ECTS	ECTS 2 Duration		n		Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses		T (2)								
	Method of assessment			Wrap	up report on tutorir	ng activities (5 to 10 p	ages)				
	Referred to in LPO I		.PO I		Nr. 2 f) Nr. 3 f)						
10-I-TUT2-152-m01	Tutor a	ctivity 2	2								
-	ECTS	2	Duratio	n		Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses		T (2)	T (2)							
	Method of assessment			Wrap-up report on tutoring activities (5 to 10 pages)							
	Referred to in LPO I		§ 22 Nr. 2 f) § 22 Nr. 3 f)								
site for teaching de ing for a teaching d	itten Hau gree stu egree Re	dents to ealschul	o be admi .e may wr	tted to ite this	the Erste Staatspri thesis in one of the	ifung (First State Exan e subjects they select	nination). In accordance with t ed as Unterrichtsfach (subject	he provisions o studied with a f	egree programmes) is a prerequi- f Section 29 LPO I, students study- focus on the scientific discipline) Ilso choose to write an interdisci-		
10-I-HA-RS-152-	Thesis	Comput	er Sciend	e (Tea	e (Teaching Degree at the German Realschule)						
m01	ECTS	10	Duratio	n		Method of grading	numerical grade	Modul level	undergraduate		
	Course	S		No co	urses assigned to r	nodule					
	Method of assessment		hours Langu	Hausarbeit (thesis) pursuant to Section 29 LPO I (examination regulations for teaching-degree programmes) (250 to 300 hours) Language of assessment: German; exceptions pursuant to Section 29 Subsection 4 LPO I (examination regulations for tea- ching-degree programmes)							
	Referre	d to in L	.PO I	§ 29							

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