

Subdivided Module Catalogue for the Subject

Didactics in Mathematics (Secondary School)

as Didaktikfach with the degree "Erste Staatsprüfung für das Lehramt für Sonderpädagogik"

> Examination regulations version: 2009 Responsible: Institute of Mathematics



Abbreviations used

Course types: $\mathbf{E} = \text{field trip}$, $\mathbf{K} = \text{colloquium}$, $\mathbf{O} = \text{conversatorium}$, $\mathbf{P} = \text{placement/lab course}$, $\mathbf{R} = \text{project}$, $\mathbf{S} = \text{seminar}$, $\mathbf{T} = \text{tutorial}$, $\ddot{\mathbf{U}} = \text{exercise}$, $\mathbf{V} = \text{lecture}$

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

Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus.

Notes

Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the method 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 the 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:

LASP02009

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

23-May-2012 (2012-81)

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.



The subject is divided into

Abbreviation	Module title	ECTS credits	Method of grading	page					
Compulsory Courses (20 ECT	Compulsory Courses (20 ECTS credits)								
cus on teaching methodolog	Successful completion of modules worth 20 ECTS credits in each subject selected as Didaktikfach (subject studied with a focus on teaching methodology) is a prerequisite for admission to the Erste Staatsprüfung (First State Examination) in the subject Didaktiken einer Fächergruppe der Hauptschule (Didactics of a Group of Subjects of Hauptschule).								
10-M-MH1-092-m01	Mathematics in German Hauptschule (Arithmetic and Algebra)	10	NUM	8					
to M Mile one mos	Mathematics in German Hauptschule (Geometry, use-oriented		NUM	10					
10-M-MH2-092-m01	teaching and Stochastics)	10	NUM	10					
Teaching degree students mu ject-specific electives) (Section To achieve the required numb Freier Bereich interdisciplin	Freier Bereich (general as well as subject-specific electives) Teaching degree students must take modules worth a total of 15 ECTS credits in the area Freier Bereich (general as well as subject-specific electives) (Section 9 LASPO (general academic and examination regulations for teaching-degree programmes)). To achieve the required number of ECTS credits, students may take any modules from the areas below. 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".								
10-M-DVHS-092-m01	Advanced Didactics of Mathematics (German Hauptschule)	2	B/NB	15					
10-M-DCMU-092-m01	Computers in Mathematical Teaching	3	B/NB	4					
I 10-M-DMHS-092-m01	Methodology of Teaching in Mathematics (German Hauptschule)	3	B/NB	13					
10-M-DVHB-092-m01	E-Learning and Blended Learning in Mathematics at school	3	B/NB	5					
10-M-VHBSto-092-m01	Stochastics in Sekundarstufe I (virtual course)	3	B/NB	14					
10-M-VHBAri-092-m01	Basics in Arithmetics (virtual course)	3	B/NB	6					
10-M-VHBGeo-092-m01	Basics in School Geometry (virtual course)	3	B/NB	7					
10-M-VHBM10-092-m01	Mathematics in Class 10 (virtual course)	3	B/NB	12					



Modul	Module title Abbreviation				
Compu	ıters in	Mathematical Teaching		•	10-M-DCMU-092-m01
Modul	e coord	inator		Module offered by	
Dean c	of Studi	es Mathematik (Mathema	atics)	Institute of Mathem	natics
ECTS	Meth	od of grading	Only after succ. com	npl. of module(s)	
3	(not)	successfully completed			
Duration	on	Module level	Other prerequisites		
1 seme	ester	undergraduate			
Conter	ıts				
Discus puter t		possible ways to use cor	mputers in teaching n	nathematics as well	as discussion of common com-
Intend	ed lear	ning outcomes			
		s acquainted with basic p s with the potential and l			ters in the teaching of mathema-
Course	es (type	, number of weekly conta	ict hours, language –	- if other than Germa	ın)
V (no i	nforma	tion on SWS (weekly cont	tact hours) and cours	e language available	e)
		sessment (type, scope, la ion on whether module c	-		ition offered — if not every seme-
, ,		and expenditure of time to	,	lecturer at the begir	nning of the course)
Allocation of places					
Additional information					
Referre	ed to in	LPO I (examination regu	lations for teaching-	degree programmes)	



Module					Abbreviation	
E-Learn	ning an	d Blended Learning in M	athematics at school		10-M-DVHB-092-m01	
Module	e coord	inator		Module offered by		
Dean o	f Studi	es Mathematik (Mathem	atics)	Institute of Mather	natics	
ECTS		od of grading	Only after succ. con	ipl. of module(s)		
3	(not)	successfully completed				
Duratio	n	Module level	· · · · · · · · · · · · · · · · · · ·			
		ents about the respective details tion for the course will be connission to assessment. If stubrated admission to assessment over will put their registration for asset all prerequisites will be admitted as subsequent semester. For asset to obtain the qualification arses offered online by Virtuelle mathematics are always incortorated and the ded in brackets. Registration for B@Home at the beginning of the will be considered a declaration to If the exercise was successful-				
Conten		fored by Virtualla Hachca	hula Payarn (vhb) th	o student becomes	acquainted with and reflects on	
		e-learning and blended			acquainted with and reflects on	
Intende	ed lear	ning outcomes				
		s acquainted with basic notentials and limitations		and blended learni	ng in teaching methematics, as	
Course	s (type	, number of weekly conta	act hours, language –	if other than Germa	an)	
Ü (no ir	Ü (no information on SWS (weekly contact hours) and course language available)					
					ation offered — if not every seme-	
wob be	ter, information on whether module can be chosen to earn a bonus) web-based project assignments and tests (length/expenditure of time to be announced at the beginning of the ourse)					

Referred to in LPO I (examination regulations for teaching-degree programmes)

Allocation of places

Additional information



Modul					Abbreviation	
Basics	in Arit	hmetics (virtual course)			10-M-VHBAri-092-m01	
Modul	e coord	linator		Module offered by		
Dean c	of Studi	es Mathematik (Mathem	atics)	Institute of Mathem	natics	
ECTS	Meth	od of grading	Only after succ. con	pl. of module(s)		
3	(not)	successfully completed				
Duratio	on	Module level	Other prerequisites			
1 semester		undergraduate Certain prerequesessment. The at the beginning sidered a declar dents have obte the course of the sessment into ted to assessment at a for admission to Hochschule Bar porated into a identified by the exercise management of will to seek a ly completed, to		electurer will inform students about the respective details ing of the course. Registration for the course will be conaration of will to seek admission to assessment. If stutained the qualification for admission to assessment over the semester, the lecturer will put their registration for asseffect. Students who meet all prerequisites will be admitment in the current or in the subsequent semester. For aslater date, students will have to obtain the qualification to assessment anew. Courses offered online by Virtuelle ayern (vhb) in the field of mathematics are always incormodule with an exercise. The respective modules can be the word virtuell (online) added in brackets. Registration for must always be made via SB@Home at the beginning of the egistration for the exercise will be considered a declaration admission to assessment. If the exercise was successfulthe lecturer will put the registration for assessment into effect of the course.		
Conter	nts	I.	L			
	_	on teaching arithmetics ir	school, e. g. divisab	ility theory, prime nu	umbers, set theory.	
		ning outcomes	, ,	, ,,,	•	
					athematical backgrounds and ching arithmetic in school.	
Course	es (type	, number of weekly conta	act hours, language –	if other than Germa	an)	
Ü (no i	nforma	tion on SWS (weekly con	tact hours) and cours	e language availabl	e)	
		sessment (type, scope, la ion on whether module c			ation offered — if not every seme-	
web-ba		roject assignments and to	ests (length/expendit	ure of time to be ann	nounced at the beginning of the	
Allocat	tion of	places				
Additio	onal inf	ormation				
			-			
Referre	ed to in	LPO I (examination regu	llations for teaching-	legree programmes)		
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Racice in Sch		Module title				
Jasics III Jeil	ool Geometry (virtual cou	ırse)		10-M-VHBGeo-092-m01		
Module coord	linator		Module offered by			
Dean of Studi	es Mathematik (Mathema	atics)	Institute of Mathem	natics		
CTS Meth	od of grading	Only after succ. com	npl. of module(s)			
(not)	successfully completed					
Duration	Module level	Other prerequisites				
ı semester	undergraduate	Other prerequisites Certain prerequisites must be met to qualify for admission to assessment. The lecturer will inform students about the respective details at the beginning of the course. Registration for the course will be considered a declaration of will to seek admission to assessment. If students have obtained the qualification for admission to assessment ove the course of the semester, the lecturer will put their registration for assessment into effect. Students who meet all prerequisites will be admitted to assessment in the current or in the subsequent semester. For assessment at a later date, students will have to obtain the qualification for admission to assessment anew. Courses offered online by Virtuelle Hochschule Bayern (vhb) in the field of mathematics are always incorporated into a module with an exercise. The respective modules can be identified by the word virtuell (online) added in brackets. Registration for the exercise must always be made via SB@Home at the beginning of the course. This registration for the exercise will be considered a declaration of will to seek admission to assessment. If the exercise was successfully completed, the lecturer will put the registration for assessment into effect at the end of the course.				

Revision and consolidation of the fundamental topics in elementary geometry that are prerequisites for the subject-specific and didactic courses (in particular teaching degrees Grundschule, Hauptschule, Realschule) in geometry.

Intended learning outcomes

The student has basic knowledge of school geometry, as required for the study of mathematics and its didactics. He/She is acquainted with the employment of new technologies for teaching geometry in school.

Courses (type, number of weekly contact hours, language — if other than German)

Ü (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

web-based project assignments and tests (length/expenditure of time to be announced at the beginning of the course)

Allocation of places

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Additional information

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Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation		
Mathematics in German Hauptschule (Arithmetic and Algebra)			10-M-MH1-092-m01		
Modul	e coord	inator		Module offered by	
Dean c	of Studi	es Mathematik (Mathem	atics)	Institute of Mathematics	
ECTS	Metho	od of grading	Only after succ. con	mpl. of module(s)	
10	nume	rical grade			
Duration Module level Other prerequ		Other prerequisites			
2 semester undergraduate -					
Camban	Contonto				

Contents

Discussion of basic topics in teaching arithmetics and algebra in Hauptschule taking into account didactic aspects as well as possibilities of implementation in the classroom, also including modern technologies.

Intended learning outcomes

The student is acquainted with basic mathematical ways of thinking and working techniques in the fields of arithmetic and algebra. He/She knows about criteria to assess media and their employment in teaching mathematics, detects common difficulties and typical misconceptions of pupils and knows about adequate countermeasures and support. He/She knows teaching and learning strategies and can assess them.

Courses (type, number of weekly contact hours, language — if other than German)

This module comprises 3 module components. Information on courses will be listed separately for each module component.

- 10-M-MH1-P-092: M (no information on SWS (weekly contact hours) and course language available)
- 10-M-MH1-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available)
- 10-M-MH1-2-092: V + Ü (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

Assessment in module component 10-M-MH1-P-092: Mathematics in German Hauptschule (Arithmetic and Algebra)

- 1 ECTS, Method of grading: numerical grade
- written examination (approx. 120 minutes); if announced by the lecturer, the written examination can be replaced by an oral examination of one candidate each (approx. 15 minutes) or an oral examination in groups (groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes) or by a written and/or multi-media portfolio (as announced)
- Only after successful completion of module components: Successful completion of the two module components 10-M-MH1-1 and 10-M-MH1-2 is a prerequisite for participation in module component 10-M-MH1-P

Assessment in module component 10-M-MH1-1-092: Mathematics in German Hauptschule (Arithmetic) Mathematics in German Hauptschule (Arithmetic)

- 5 ECTS, Method of grading: (not) successfully completed
- exercises: At the beginning of the course, the lecturer will specify the type and scope of exercises to be successfully completed over the course of the semester for the module component to be considered successfully completed.

Assessment in module component 10-M-MH1-2-092: Mathematics in German Hauptschule (Algebra) Mathematics in German Hauptschule (Algebra)

- 4 ECTS, Method of grading: (not) successfully completed
- exercises: At the beginning of the course, the lecturer will specify the type and scope of exercises to be successfully completed over the course of the semester for the module component to be considered successfully completed.

Allocation of places



Additional information

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Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 38 (1) 1. Didaktik der Hauptschule Mathematik

§ 38 (1) 1. Didaktik der Mittelschule Mathematik



Module title				Abbreviation	
Mather	Mathematics in German Hauptschule (Geometry, use-oriented teaching and				10-M-MH2-092-m01
Stocha	stics)				
Module	e coord	inator		Module offered by	
Dean o	f Studi	es Mathematik (Mathema	atics)	Institute of Mathematics	
ECTS	Metho	od of grading	Only after succ. con	npl. of module(s)	
10	nume	rical grade			
Duration Module level		Other prerequisites			
2 seme	ester	undergraduate			

Contents

Discussion of basic topics in teaching geometry, stochastics and application-oriented mathematics in Haupt-schule taking into account didactic aspects as well as possibilities of implementation in the classroom, also including modern technologies.

Intended learning outcomes

The student is acquainted with basic mathematical ways of thinking and working techniques in the fields of geometry, application-oriented mathematics and stochastics. He/She knows about criteria to assess media and their employment in teaching mathematics, detects common difficulties and typical misconceptions of pupils and knows about adequate countermeasures and support. He/She knows teaching and learning strategies and can assess them.

 $\textbf{Courses} \ (\textbf{type}, \textbf{number of weekly contact hours, language} - \textbf{if other than German})$

This module comprises 3 module components. Information on courses will be listed separately for each module component.

- 10-M-MH2-P-092: M (no information on SWS (weekly contact hours) and course language available)
- 10-M-MH2-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available)
- 10-M-MH2-2-092: V + Ü (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

Assessment in module component 10-M-MH2-P-092: Mathematics in German Hauptschule (Geometry, use-oriented teaching and Stochastics)

- 1 ECTS, Method of grading: numerical grade
- written examination (approx. 120 minutes); if announced by the lecturer, the written examination can be replaced by an oral examination of one candidate each (approx. 15 minutes) or an oral examination in groups (groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes) or by a written and/or multi-media portfolio (as announced)
- Only after successful completion of module components: Successful completion of the two module components 10-M-MH2-1 and 10-M-MH2-2 is a prerequisite for participation in module component 10-M-MH2-P.

Assessment in module component 10-M-MH2-1-092: Mathematics in German Hauptschule (Geometry) Mathematics in German Hauptschule (Geometry)

- 5 ECTS, Method of grading: (not) successfully completed
- exercises: At the beginning of the course, the lecturer will specify the type and scope of exercises to be successfully completed over the course of the semester for the module component to be considered successfully completed.

Assessment in module component 10-M-MH2-2-092: Mathematics in German Hauptschule (Exam in Geometry, used-oriented teaching and Stochastics) Mathematics in German Hauptschule (Exam in Geometry, used-oriented teaching and Stochastics)

• 4 ECTS, Method of grading: (not) successfully completed



• exercises: At the beginning of the course, the lecturer will specify the type and scope of exercises to be successfully completed over the course of the semester for the module component to be considered successfully completed.

Allocation of places

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Additional information

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Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 38 (1) 1. Didaktik der Hauptschule Mathematik

§ 38 (1) 1. Didaktik der Mittelschule Mathematik



Modul	Module title Abbreviation					
		in Class 10 (virtual cours	se)			
		<u> </u>		-	10-M-VHBM10-092-m01	
Modul	e coord	linator		Module offered by		
Dean		es Mathematik (Mathem	atics)	Institute of Mather	natics	
ECTS		od of grading	Only after succ. con	npl. of module(s)		
3	(not)	successfully completed				
			Other prerequisites			
1 semester undergraduate		Certain prerequisites must be met to qualify for admission to assessment. The lecturer will inform students about the respective details at the beginning of the course. Registration for the course will be considered a declaration of will to seek admission to assessment. If students have obtained the qualification for admission to assessment over the course of the semester, the lecturer will put their registration for assessment into effect. Students who meet all prerequisites will be admitted to assessment in the current or in the subsequent semester. For assessment at a later date, students will have to obtain the qualification for admission to assessment anew. Courses offered online by Virtuelle Hochschule Bayern (vhb) in the field of mathematics are always incorporated into a module with an exercise. The respective modules can be identified by the word virtuell (online) added in brackets. Registration of the exercise must always be made via SB@Home at the beginning of the course. This registration for the exercise will be considered a declaration of will to seek admission to assessment. If the exercise was successfully completed, the lecturer will put the registration for assessment into exercise.		ents about the respective details tion for the course will be conmission to assessment. If stubrated admission to assessment over will put their registration for asset all prerequisites will be admitted as subsequent semester. For asset to obtain the qualification arses offered online by Virtuelle mathematics are always incortorated and the ded in brackets. Registration for B@Home at the beginning of the will be considered a declaration to If the exercise was successful-		
Conte	_					
		on teaching mathematics	in tenth grade in Hau	ıptschule, Realschu	le and Gymnasium.	
i	_	ning outcomes				
schule	, as we		atical backgrounds a	nd proofs. He/She is	German Mittelschule and Realsacquainted with the employmen	
Course	es (type	e, number of weekly conta	act hours, language –	- if other than Germa	an)	
Ü (no i	nforma	tion on SWS (weekly con	tact hours) and cours	e language availabl	e)	
		sessment (type, scope, la ion on whether module c	-		ation offered — if not every seme-	
web-ba		oject assignments and te	ests (length/expendit	ure of time to be an	nounced at the beginning of the	

Referred to in LPO I (examination regulations for teaching-degree programmes)

Allocation of places

Additional information



Modul	e title			Abbreviation	
Metho	dology	of Teaching in Mathema	chule)	10-M-DMHS-092-m01	
Modul	Module coordinator Module offered by				'
Dean c	of Studi	es Mathematik (Mathem	atics)	Institute of Mather	natics
ECTS	Metho	od of grading	Only after succ. con	npl. of module(s)	
3	(not)	successfully completed			
Duratio	on	Module level	Other prerequisites		
1 seme	ester	undergraduate			
Conter	nts				
Discus	sion of	selected methods for tea	aching mathematics i	n Hauptschule.	
Intend	ed lear	ning outcomes			
the sit	uation a	and the subject.		, ,	appropiate method depending on
		, number of weekly conta			
-		tion on SWS (weekly con			•
		sessment (type, scope, la ion on whether module c			ation offered — if not every seme-
a) talk	(approx	x. 45 minutes) or b) proje	ct (approx. 5 to 15 pa	ges) or c) portfolio (approx. 5 to 15 pages)
Alloca	tion of p	olaces			
Additio	onal inf	ormation			
Referre	ed to in	LPO I (examination regu	ulations for teaching-	degree programmes)
				•	



Module					Abbreviation
Stocha	stics ir	n Sekundarstufe I (virtua	l course)		10-M-VHBSto-092-m01
Module coordinator Module offered			Module offered by		
Dean o	f Studi	es Mathematik (Mathema	atics)	Institute of Mathen	natics
ECTS		od of grading	Only after succ. con	npl. of module(s)	
3	(not)	successfully completed			
Duratio	n	Module level	Other prerequisites		
1 seme	Ster	undergraduate	Other prerequisites Certain prerequisites must be met to qualify for admission to assessment. The lecturer will inform students about the respective deta at the beginning of the course. Registration for the course will be considered a declaration of will to seek admission to assessment. If students have obtained the qualification for admission to assessment of the course of the semester, the lecturer will put their registration for a sessment into effect. Students who meet all prerequisites will be admitted to assessment in the current or in the subsequent semester. For a sessment at a later date, students will have to obtain the qualification for admission to assessment anew. Courses offered online by Virtuel Hochschule Bayern (vhb) in the field of mathematics are always incomporated into a module with an exercise. The respective modules can identified by the word virtuell (online) added in brackets. Registration the exercise must always be made via SB@Home at the beginning of course. This registration for the exercise will be considered a declaration of will to seek admission to assessment. If the exercise was successfully completed, the lecturer will put the registration for assessment into		ents about the respective details tion for the course will be connission to assessment. If stubrated admission to assessment over will put their registration for asset all prerequisites will be admitted subsequent semester. For asseve to obtain the qualification arses offered online by Virtuelle mathematics are always incorthe respective modules can be dded in brackets. Registration for B@Home at the beginning of the will be considered a declaration to the the first the exercise was successful-
Conten	ts				
		consolidation of the fund ic courses in stochastics		chastics that are pro	erequisites for the subject-speci-
Intend	ed lear	ning outcomes			
		as basic knowledge of st acquainted with the em	•	•	athematics and its didac- ng stochastics in school.
Course	s (type	, number of weekly conta	act hours, language –	if other than Germa	an)
Ü (no iı	nforma	tion on SWS (weekly con	tact hours) and cours	e language availabl	e)
					ation offered — if not every seme-
	ster, information on whether module can be chosen to earn a bonus) web-based project assignments and tests (length/expenditure of time to be announced at the beginning of the				

Referred to in LPO I (examination regulations for teaching-degree programmes)

course)

Allocation of places

Additional information



Module	title				Abbreviation
Advanc	Advanced Didactics of Mathematics (German Hauptschule)				10-M-DVHS-092-m01
Module	coord	inator		Module offered by	
Dean o	f Studi	es Mathematik (Mathema	atics)	Institute of Mathen	natics
ECTS		od of grading	Only after succ. con	npl. of module(s)	
2	(not) s	successfully completed			
Duratio	n	Module level	Other prerequisites		
1 seme	ster	undergraduate			
Conten	ts				
possibl Intende	le appr ed leari	oaches in the classroom. ning outcomes		·	mathematics didactics as well as
		able to discuss central t t-specific, didactical and		eaching mathemati	cs in German Hauptschule, consi-
Course	s (type	, number of weekly conta	ct hours, language –	if other than Germa	an)
S (no ir	ıformat	tion on SWS (weekly cont	act hours) and cours	e language available	e)
Method ster, in	l of ass formati	sessment (type, scope, la ion on whether module ca	inguage — if other tha an be chosen to earn	an German, examina a bonus)	ation offered — if not every seme-
a) talk ((approx	x. 60 minutes) or b) assig	nment to be complet	ed at home (approx	. 50 to 60 hours)
Allocat	Allocation of places				
Additio	nal inf	ormation			
Referre	d to in	LPO I (examination regu	lations for teaching-o	degree programmes)	