

Module Handbook

Master of Architecture

Valid since winter semester 2019/20 Last updated April 2021

Hochschule für angewandte Wissenschaft und Kunst Hildesheim/Holzminden/Göttingen University of Applied Sciences and Arts

www.hawk.de/b

Preface:

The Master of Architecture study program aims to provide successful graduates with advanced general and subject-specific knowledge, skills, and competencies that, after critical reflection, enable them to act independently and responsibly in a constantly evolving professional environment. Graduates have broad and integrated advanced and specialized knowledge in the field of architecture, especially in the areas of design and building theory, general sciences, technical sciences, and representation and design. They are able to comprehensively apply theories, principles and methods of the field and constantly adapt their knowledge and competence to ongoing changing requirements. The knowledge, skills and competences the students acquire can be applied to work out solutions to problems in the field of architecture as a whole largely independently.

The Master's degree awarded upon completion of the program is the second professional qualifying degree at Level 2 of the *Qualifications Framework for German Higher Education Qualifications*. A good degree qualifies the student to enter advanced studies at Level 3 (doctoral programs/PhD). The completion of a Master's study program with a preceding Bachelor's study program in architecture with a total of 10 standard semesters is an essential prerequisite for being able to use, according to the relevant legal regulations of the German states, the protected professional title of "architect".

This also requires registration in the list of architects in one of the chambers of architects. Please note that students enrolled in the Master's program in Architecture who have not completed a preceding Bachelor's degree in Architecture may not be eligible to join the list of architects.

The master's program in architecture consists of a major with a total of 60 credit points and a minor (elective) with a total of 30 credit points. With the Master's thesis and the associated preparatory module (together 30 credit points), a total of 120 credit points is required.

The major can be chosen from the field of "Architecture" or "Building in Existing Contexts / Preservation of Historical Monuments".

This means that all the modules in the chosen major are compulsory modules. The minor can be made up of any modules from the major not selected or from the other electives.

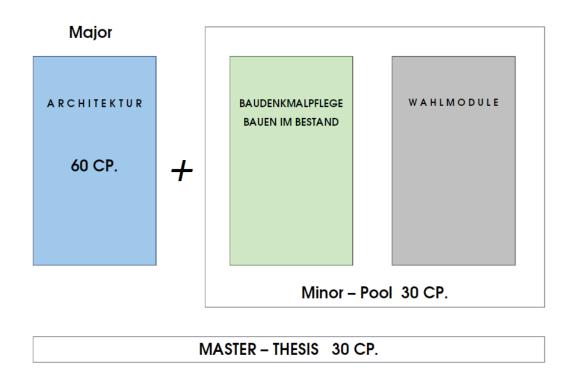
The student workload is listed in the module descriptions at the top of the *semester hours section*. The teaching capacity listed below does not necessarily correspond to this; if more weekly teaching hours are listed there, then this means a division into smaller, possibly parallel working groups.

Preparatory and further literature references/recommendations will be given at the beginning of each course or via the Stud.IP communication platform in advance. Students must also register there for the modules.

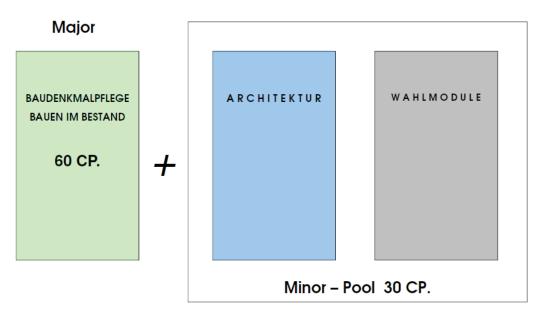
As a rule, the modules are offered either in the winter or summer semester, as indicated in the module descriptions; this also applies in particular to the elective modules. This means that students can only start their studies in the winter semester; if they enroll in the summer semester, it is generally not possible to complete their study program within the standard period of study.

Students are strongly advised to seek academic counseling, especially to ensure a combination of modules that makes sense. Study advising is also recommended with regard to later professional practice and a possible further qualification.

Overview for the "Architecture" major:



Overview for the "Building in Existing Contexts / Preservation of Historical Monuments" major:



MASTER – THESIS	30 CP.

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		Credit	points	oer sem	nester				
Course code	Module name	1	2	3	4	Classroom attendance	Home study	Workload	Type of examination n
Maior in "	Architecture":								
MAV-01	Project: Building in an urban context	12	1	1	1	120	240	360	PA
MAV-02	Project: Draft/ Design / Build		12			120	240	360	PA
MAV-03	Project: Sustainable Building			12		120	240	360	PA
MAV-04	Special topics for drafting			6		60	120	180	StA
MAV-05	Special forms of representation and design	6		-		90	90	180	StA
MAV-06	Special topic for building operations	-	6			60	120	180	StA
MAV-07	Academic research	6	-			60	120	180	StA
Sum		24	18	18					
/lajor in " /IAV-11	Building in Existing Contexts / Preservation of Historical Monuments" Project 1: Building and Conservation	1	12	1		120	240	180	PA
MAV-11 MAV-12	Project 1: Building and Conservation		12	12		120	240	180	PA
//AV-12 //AV-13	Cultural history of building and usage	6		12		60	120	180	Ref
/AV-13 //AV-14	Building Archeology	0	6			120	60	180	StA
//AV-14 //AV-15	Design in Existing Buildings / Preservation of Historical Monuments	6	6			60	120	180	StA
MAV-15	Historical Building Research	6		6		120	60	180	StA
MAV-16	Preservation of Historical Monuments Theory		6	0		60	120	180	StA
MAV-17 MAV-18	Academic research	6	0			60	120	180	StA
	Academic research	18	24	40		60	120	160	SIA
Sum		18	24	18					
Electives									
MAV-61	Climate-friendly building	6				60	120	180	StA
MAV-62	Energy-Optimized Building: Building Enclosure		6			60	120	180	StA
/IAV-63	Energy-Optimized Building: Building services			6		60	120	180	StA
AV-64	Constructive Design		6			60	120	180	StA
/IAV-65	Design, Visualization	6	1			90	90	180	StA
/IAV-66	Open Space Planning			6		60	120	180	StA
/IAV-67	Construction Management		6			60	120	180	StA
/IAV-68	Urban Development History	6				60	120	180	K2
/IAV-69	Historical Building Forms and Constructions		6			60	120	180	K2
MAV-70	Architecture Theory			6	1	90	90	180	StA
MAV-71	Architecture Workshop			6	1	3	177	180	StA
Sum		18	24	24		-	÷	÷	
Final Thes	sis								
MA 4-1	Module for Preparation of the Master's Thesis	1		1	6	3	177	180	StA
MA 4-1 MA 4-2	Master's Thesis				24	6	594	600	AA
11/1 77-2	muster a mesia			1	44		0.04	000	

Explanation of the abbreviations

Final thesis with colloquium Oral examination 2-hour written exam

AA mP

K2 Ref

StA

Seminar paper Student research paper with / without colloquium Project work with colloquium PA

	e of study	Module name		Course code	Internal	Last updated
Master of Arch	nitecture	Proiect:	Building in	MAV-01		08.04.2021
Study semester 7th semester	Offered in WS	an Urban C	•	Credit points 12 CP	1	Semester week hours 10 SWS
Allocation to study Architecture	specialization	Responsible for modu Prof. Ines Lüder	ıle	Type of teaching, Lecture & exe		if applicable
Can also be credite Master of Arch	d to study program nitecture			Language of instru German	uction	
Requirements acco	rding to examination re	gulations	Recommended prer	equisites		
	achievements/ examination	ation types	If applicable, weight	ing of the study/exam	ination ach	ievements
Project work w	vith colloquium					
Students - can describe	and explain in deta	il the urban and rural	onvironmont as w	vell as its develop	no ont in t	
	and explain in deta	il the urban and rural	onvironment or w	nolayah sti se llay	montint	
social, econom	ic, ecological and s	patial relationships,	renvironment as w		mentini	he context of
- can analyze a	nd specify urban st					
 can analyze a in the regional are able to de 	nd specify urban st environment, evelop urban plann	patial relationships, ructural characteristi ing approaches at sel	cs (genius loci) as ected locations in	well as details of the context of co	building (development - also
 can analyze a in the regional are able to de apply known u 	nd specify urban st environment, evelop urban plann rban planning rules	patial relationships, ructural characteristi ing approaches at sel s and to outline archit	cs (genius loci) as ected locations in tectural solutions f	well as details of the context of co for them,	building o mplex ur	development - also banistic topics, to
 can analyze a in the regional are able to de apply known u are able to de planning) and 	nd specify urban st environment, evelop urban plann rban planning rules evelop planning and in the context of bu	patial relationships, ructural characteristi ing approaches at sel and to outline archit d design strategies in uilt-up areas and distr	cs (genius loci) as ected locations in tectural solutions f areas with buildin ricts (e.g. in accord	well as details of the context of co for them, g law (statutory u ance with §34Bau	building o mplex url ırban lano uGB),	development - also banistic topics, to d use
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- well as the application of e.g. the topics of urban framework planning with reference to the regional characteristics of the development also with regard to their appearance structures
- Design tasks in existing urban development also in rural areas, studies and designs for insertions ('implants') in the context of existing settlements and characteristic development structures

- Planning law based on the BauGB, i.e. projects with or without building law and other urban planning rules in conjunction with building code requirements for urban planning and the resulting architectural building design

Course attendance time (in mandat	ory hours - LVS)	Workload (i	in hours)		
Prof. Ines Lüder	6 LVS	Course atte	ndance time	Home study	
N.N.	2 LVS	Lecture	60 h	Course accompanying	
N.N.	4 LVS	Exercise	60 h	and exam preparation	240 h
	-	Other			
Total classroom time	12 LVS	Total workl	oad		360 h
Optional extra					
Literature					

is	listed	in	Stud.	.IP

Allocation to course	e of study	Module name		Course	code	Internal	Last updated	
Master of Arch	itecture	Project: D	raft/		V-02		08.04.2021	
Study semester 8th semester	Offered in SS	Design / B	uild	Credit p 12 CF			Semester week H 10 SWS	nours
Allocation to study	specialization	Responsible for modu			teaching,		if applicable	
Architecture Can also be credite	d to study program	Prof. DrIng. Till	Böttger		ge of instr			
Master of Arch				Germ				
Requirements acco	rding to examination reg	gulations	Recommended p MAV-01	rerequisites				
Study/examination	achievements/ examina	tion types	If applicable, wei	ghting of the s	tudy/exam	ination ach	ievements	
Project work w -	ith colloquium		70% project v	work, colloc	Juium 30)%		
Module objectiv	ves/desired learnin	g outcomes:						
Students								
				c				
		t designs that are cre tly technical and con				offuncti	on tochnical	
-		uction, in form and o	-				JII, LECHINCAI	
		mplex relationships b	-				equirements in	n
detail into holi								
	plement and critica	ally assess project rec	quirements in di	ialog with te	echnical	planners	and special	
experts.								
Contonto								
Contents:								
		d on and supervised	-				-	
		well as the necessar					ier. The conter	it of the
projects is spec								
Course attenda	nce time (in manda	atory hours - LVS)	Workload (in	hours)				
Prof. DrIng. T	ill Böttger	8 LVS	Course attend		Home	study		
DiplIng. Ulrike	e Knauer	6 LVS	Lecture	60 h	Course	accomp	anying	
Assistant lectu	rer DiplIng. Natalie	e Herger 2 LVS	Exercise	60 h	and ex	am prepa	ration 240) h
		-	Other					
Total classroon	n time	16 LVS	Total workloa	ad			36	0 h
Optional extra								
Literature								
is listed in Stu	d.IP							

Allocation to course of study	Module name		Course	code	Internal	Last upda	ted
Master of Architecture	Project: Su	ustainable	MA	V-03		08.04.2	021
Study semesterOffered in9th semesterWS	-	ilding	Credit p 12 CP			Semester 10 SWS	week hours
Allocation to study specialization	Responsible for modu	•			group size.	if applicable	
Architecture	Prof. Dr Ing. Alf			re & exe			
an also be credited to study program				ge of instru	iction		
Master of Architecture		Deserves and ad an	Germ	an			
equirements according to examination re	guiations	Recommended pre					
tudy/examination achievements/ examination	ation types	If applicable, weig		udy/exam	ination ach	ievements	
Project work with colloquium							
-							
Iodule objectives/desired learnir	ng outcomes:						
Students							
are able to describe and explain	•						
are able to comprehensively pre							-
particular according to DGNB and are able to work on complex tas							
methodical and scientific principle				ing to to	nceptua	<i>'</i> ,	
are able to assess building conce		criteria of sustai	nable const	truction	on the ba	asis of	
ecological, economic and socio-cu							
are able to develop project-spec	ific objectives and so	lution strategies	according	to the cr	iteria of s	sustainab	ility and
	t <i>,</i>						
out them into practice in a projec				1.11.	the cont	ext of a p	roiect.
are able to test and develop the			leadership	o skills in	the cont		
are able to test and develop the			lleadership) skills in	the cont		
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are able to test and develop the They are also able to conduct pro- ontents: Guidelines and working aids, e.g National and international certif Quality criteria of sustainable co quality, site quality Environmentally compatible mat Life cycle analysis and economic Processing of a complex planning functional, social, design and tech Project simulation, i.e. practical	ect discussions in En the BMVBS guide to ication and assessme nstruction: ecologica efficiency (LCCA and g task with a focus on nical requirements relevance through or	glish. sustainable buil ent procedures, e l, economic, soci and building servi LCC) n sustainability, ta ientation to the o	ding .g. DGNB, E o-cultural, ices aking into a overall serv	BNB, LEE technica	D, BREEA I quality, ecologica	M process I, econon	nic,
are able to test and develop the They are also able to conduct pro- ontents: Guidelines and working aids, e.g National and international certif Quality criteria of sustainable co quality, site quality Environmentally compatible mat Life cycle analysis and economic Processing of a complex plannin functional, social, design and tech Project simulation, i.e. practical Optional: Examination to becom	ect discussions in En the BMVBS guide to ication and assessme nstruction: ecologica efficiency (LCCA and g task with a focus on nical requirements relevance through or e a Registered Profes	glish. sustainable buil ent procedures, e l, economic, soci and building servi LCC) n sustainability, ta ientation to the o ssional of the DG	ding .g. DGNB, E o-cultural, ices aking into a overall serv NB	BNB, LEE technica	D, BREEA I quality, ecologica	M process I, econon	nic,
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put them into practice in a projec - are able to test and develop their They are also able to conduct pro- ontents: - Guidelines and working aids, e.g - National and international certif - Quality criteria of sustainable co quality, site quality - Environmentally compatible mat - Life cycle analysis and economic - Processing of a complex planning functional, social, design and tech - Project simulation, i.e. practical - Optional: Examination to becom	ect discussions in Enj the BMVBS guide to ication and assessme nstruction: ecologica erials, construction a efficiency (LCCA and g task with a focus or nical requirements relevance through or e a Registered Profes atory hours - LVS) 6 LVS	glish. sustainable buil ent procedures, e l, economic, soci and building serve LCC) n sustainability, ta ientation to the of ssional of the DG Workload (in h Course attenda Lecture Exercise	ding .g. DGNB, E o-cultural, ices aking into a overall serv NB	BNB, LEE technica account e rice profi Home s Course	D, BREEA I quality, ecologica le of the	M process I, econon HOAI (§ 1	nic, L5)
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Mater of Architecture Operating Operating MAV-04 0.80.4.021 Subject Semicator weeks weeks Semicator weeks	Allocation to course	e of study	Module name		Course o	code	Internal	Last updated
Study serversite physical securitization Architecture Can also be credited to study securitization Architecture Master of Architecture Requirements according to examination regulations Master of Architecture Requirements according to examination regulations Study examination acchevements/ examination types Student research paper without colloquium Tecommented prerequirates If ecommented prerequirates Study according to examination acchevements/ Student research paper without colloquium Tecommented prerequirates If ecommented prerequirates Architecture Madue objectives/desired learning outcomes: Student research paper without colloquium Tecomine and environmental impacts. If ecommented prerequirates - are able to ecognize qualities and deficits of the built environment and place them in an overall technical-aesthetic and sociocultural context, - are able to adopt an architectural stance in dealing with evolved historical structures. - are able to adopt an architectural stance in dealing with evolved historical structures. Cotents: Selected topics of building design in (listed) buildings will be presented in the lectures, examples will be selected and analyzed by the participants and discussed in the plenum. Visite completing design task, student swich on and supervise topic-related problems in order to practice alternative approaches/planning strategies as well as the necessary services to be rendered. Course attendance time (in mandatory hours - LVS) Workload (in hours) N. 6 LVS Course attendance time is an dexam preparation is a dexam	Master of Arch	itecture	Special To	opics in	MA	V-04		08.04.2021
Architecture N.N. Lecture & exercise Maste or of Architecture Execumented of perceputities Study rearmination achievements/ examination regulations Recommended perceputities Study rearmination achievements/ examination types If applicable, weighting of the study/examination achievements Student research paper without colloquium If applicable, weighting of the study/examination achievements - Prevantered active examination types Students - - are able to recognize qualities and deficits of the built environment and place them in an overall technical-aesthetic and sociocultural context, - - are able to evaluate limits and opportunities for preserving and modifying the built environment in relation to economic and environmental impacts, - - are able to adopt an architectural stance in dealing with evolved historical structures. - Selected topics of building design in (listed) buildings will be presented in the lectures, examples will be selected and analyzed by the participants and discussed in the plerum. While completing design task, students work on and supervise topic-related problems in order to practice alternative approaches/planning strategies as well as the necessary services to be rendered. Course attendance time (in mandatory hours - LVS) Workload (in hours) N.N. 6 LVS Course attendance time Nore accompanying and exam p			-	-		oints	1	
Can also be credited to study program Aster of Architecture Exernina Requirements according to examination regulations Requirements according to examination regulation Requirements Requirements Requirements Requirements Requirements Req		specialization	-	le				if applicable
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Allocation to course Master of Arch		Module name Special To	opics for	Course	code V-06	Internal	Last updat 08.04.20	
Study semester 8th semester	Offered in SS	Buildi Opera	ng	Credit p 6 CP	ooints	1	Semester v 4 SWS	veek hours
Allocation to study Architecture	specialization	Responsible for modul	le		teaching,		if applicable	
	d to study program	IN.IN.			ge of instr			
Master of Arch				Germ	an			
Requirements acco	rding to examination regu	ulations	Recommended p	rerequisites				
	achievements/ examinat ch paper without co		If applicable, wei	ghting of the si	tudy/exam	iination ach	lievements	
Module objectiv	ves/desired learning	outcomes:						
 are able to de own specially o are able to m design in a resi are able to im 	fferentiate and chara erive the basic princi developed planning a anage architectural a ults-oriented manne iplement the aforem rojects and, in partic	ples of special forms and application princ and civil engineering r, pentioned, architecto	s of contract in t ciples, g services to cha ure-related skill	the construct aracterize these in the com	ction ind ne basis f	or contra	act	
Contract drafti classification o construction us monitoring of o	of the basis with sen ng and enterprise de f legal-related and su sing special contract organizational and pu g, schedule manager	ployment forms of subject-related contra forms in the workflor rocess plans as well	act content Imp ow organizatior as control of pl	lementation of the cons	n of the structior	planning n site Eva	process de luation an	d
Course attenda	ince time (in mandat	tory hours - LVS)	Workload (in	hours)				
Assistant lectu Zumwinkel	rer DiplIng. Christia	in 4 LVS	Course attend	ance time	Home	study		
		-	Lecture	20 h	Course	accomp	anying	
			Exercise	40 h	and ex	am prepa	aration	120 h
		-	Other					
Total classroon	n time	4 LVS	Total workloa	ad				180 h
Optional extra Literature is listed in Stu								
is listed iff Stu	u.ir							

Allocation to course		Module name		Course		Internal	Last upda	
Master of Arch		Academi	c Research		V-07		08.04.2	
Study semester 7th semester	Offered in WS			Credit	points		4 SWS	week hours
Allocation to study Architecture	specialization	Responsible for modu	ule		f teaching, Ire & exe		if applicable	e
	d to study program			0	ge of instr	uction		
Master of Arch	rding to examination re	egulations	Recommended pr	Germ	ian			
Study/examination Seminar paper	achievements/ examir	ation types	If applicable, weig	hting of the s	tudy/exam	ination ach	ievements	
- Aodule objectiv	ves/desired learni	ng outcomes:						
-	ves/ desired learni	ng outcomes.						
Students								
thesis) and tra	nsfer them to are	of academic work to as of professional pra- fficiently control and	actice, for exam	ple in archi	itectural	offices, o	companie	
- are able to inprocesses.								
- are able to inprocesses.	s of academic rese							
- are able to inprocesses.	of academic rese	earch/writing	ation to the subm	nission of th	ne finish	ed text		
- are able to inprocesses.	of academic rese	earch/writing – from initial orienta	ation to the subm	nission of th	ne finishe	ed text		
processes. Contents: Basic principles 1. Characteristi 2. The stages o 3. Typical struc	s of academic rese ics of academic res f academic writing	earch/writing – from initial orienta ic paper	ation to the subm	nission of th	ne finishe	ed text		
 are able to interprocesses. Contents: Basic principles Characteristi The stages of Typical struct Linguistic an Useful strategie Writing technic Working techic Effective rese citation rules 	s of academic reserves cs of academic reserves f academic writing ture of an academ d formal requirem es and techniques iques for collecting niques for structure arch and reading s	earch/writing – from initial orienta ic paper	nic work and narrowing do ng writing projec hniques for critic	own topics ts			lerstandir	ng
 are able to interprocesses. Contents: Basic principles Characteristi The stages of Typical struct Linguistic an Useful strategie Writing technic Working technic Effective rese citation rules Guiding quest 	s of academic rese ics of academic rese f academic writing ture of an academ d formal requirem es and techniques iques for collectin niques for structur arch and reading s tions and strategie	earch/writing – from initial orienta ic paper ents for texts for successful acader g ideas, formulating a ing materials, plannin trategies, writing tec	nic work and narrowing do ng writing projec hniques for critic	own topics ts ally develo			lerstandir	ng
- are able to inc processes. Contents: Basic principles 1. Characteristi 2. The stages o 3. Typical struc 4. Linguistic an Useful strategie - Writing techn - Working techn - Biffective rese citation rules - Guiding quest	s of academic rese ics of academic rese f academic writing ture of an academ d formal requirem es and techniques iques for collectin niques for structur arch and reading s tions and strategie	earch/writing – from initial orienta ic paper ents for texts for successful acader g ideas, formulating a ing materials, plannin trategies, writing tec s for the systematic r	mic work and narrowing do ng writing projec hniques for critic revision of texts	own topics ts ally develo nours)		tent, unc	lerstandir	Ig
- are able to inc processes. Contents: Basic principles 1. Characteristi 2. The stages o 3. Typical struc 4. Linguistic an Useful strategie - Writing techn - Working techn - Working techn - Effective rese citation rules - Guiding quest	s of academic rese ics of academic rese f academic writing ture of an academ d formal requirem es and techniques iques for collectin niques for structur arch and reading s tions and strategie	earch/writing – from initial orienta ic paper ents for texts for successful acader g ideas, formulating a ing materials, plannin trategies, writing tec s for the systematic r	nic work and narrowing do ng writing projec hniques for critic revision of texts Workload (in 1	own topics ts ally develo nours)	ping con Home Course	tent, unc	anying	
- are able to inc processes. Contents: Basic principles 1. Characteristi 2. The stages o 3. Typical struc 4. Linguistic an Useful strategie - Writing techn - Working techn - Biffective rese citation rules - Guiding quest	s of academic rese ics of academic rese f academic writing ture of an academ d formal requirem es and techniques iques for collectin niques for structur arch and reading s tions and strategie	earch/writing – from initial orienta ic paper ents for texts for successful acader g ideas, formulating a ing materials, plannin trategies, writing tec s for the systematic r	nic work and narrowing do ng writing projec hniques for critic revision of texts Workload (in 1 Course attend Lecture Exercise	own topics ts ally develo nours) ance time	ping con Home Course	itent, unc	anying	ng 120 h
- are able to inc processes. Contents: Basic principles 1. Characteristi 2. The stages o 3. Typical struc 4. Linguistic an Useful strategie - Writing techn - Working techn - Biffective rese citation rules - Guiding quest	s of academic rese ics of academic rese f academic writing ture of an academ d formal requirem es and techniques iques for collectin niques for structur arch and reading s cions and strategie	earch/writing – from initial orienta ic paper ents for texts for successful acader g ideas, formulating a ing materials, plannin trategies, writing tec s for the systematic r	mic work and narrowing do ng writing projec hniques for critic revision of texts Workload (in Course attend Lecture	nours) ance time 40 h	ping con Home Course	tent, unc	anying	

Allocation to course	e of study	Module name		Course	code	Internal	Last updat	ed
Master of Arch	itecture	Project: I	Building	MA	V-11		08.04.20)21
Study semester	Offered in	-	isting	Credit				week hours
8th semester	SS		•	12 CI	D		10 SWS	
Allocation to study	specialization	Responsible for modul	exts 1	Tuno o	ftoaching	group sizo	if applicable	
Allocation to study Building in Existi		Prof. DrIng. Birg					l/group su	
Preservation of I	Historical Monuments						,0	
Can also be credite Master of Arch				Langua Germ	ge of instru nan	uction		
	rding to examination regu	lations	Recommended p					
			MAV-13, MA	V-15				
	achievements/ examination	on types	If applicable, weig	ghting of the s	tudy/exam	ination ach	nievements	
Project work w	ith colloquium							
-								
Module objectiv	ves/desired learning	outcomes:						
Students								
	assify the heritage of					-		
	terpret the relationsh	nips between people	e and buildings	and betwe	en buildi	ngs and t	heir	
surroundings,	plain the special requ	uirements when dea	aling with histor	rical monur	nonts			
	enetrate and work the		-		nents,			
-	mpare information o				lanned a	nd target	ed manne	r
	d on the division of la			·		-		
- are able to m	ake a differentiated a	analysis and assessm	nent of complex	x problems	that are	given or	need to be	<u>j</u>
detected,								
	dependently develop		-	-	-			-
	ansfer holistic design , urban planning, civi		-			-	or plannin	g
in arcineceture,	, arban planning, civi	rengineering, mone			storation			
Contents:								
Classical lectur	e units in the context	of the specific assig	gnment on an e	xemplary c	ase stud	v:		
	of structural change						rvice, educ	ation,
	y, agriculture, sports			•	-			
	on remodeling - repu							
Supervision:	n, for example, for sp	becific time periods						
	or the targeted collec	tion of information	. its preparation	n and comm	nunicatio	n		
	or group work to com							
- of the mid-te	m and final presenta	ition						
Course attanda	una tima (in mandat							
	nce time (in mandat	5 LVS	Workload (in	-	Home	study		
Prof. DrIng. B Assistant lectu	irgit Franz rer DiplIng. Sonja Ti		Course attend	40 h	Home s	accompa	anving	
Assistant lectu		-	Exercise	20 h		am prepa		240 h
		-	Other	60 h		• •		
Total classroon	n time	11 LVS	Total workloa	d				360 h
Optional extra								
1.14								
Literature is listed in Stu	d ID							

Master of Arch Study semester				Course	coue	Internal	Last upda			
Study semester	itecture	Project:	Building	MA	V-12		08.04.2	021		
	Offered in	_	kisting	Credit				week hours		
9th semester	WS		texts 2	12 C	Ρ		10 SWS			
Allocation to study	specialization	Responsible for modu		Type o	fteaching	group size	if applicable	2		
Building in Existi		Prof. DrIng. Birg					l/group su			
	listorical Monumer									
an also be credited. Master of Arch	l to study program itecture			Language of instruction German						
	ding to examination r	regulations	Recommended							
			MAV-11, N	1AV-13, MAV	-15					
	achievements/ exami	nation types	If applicable, w	veighting of the s	tudy/exam	nination ach	nievements			
Project work w	ith colloquium		Project wo	rk 80%, collo	quium 20)%				
- Iodulo obiostiv	es/desired learn	ing outcomos:								
-	es/desired learn	ing outcomes.								
Students										
are able to cla	ssify the heritage	of the built environm	ent and discu	ss issues relat	ed to his	toric nre	servation			
		nships between peop						,		
surroundings,		, - <u>-</u> P				0				
are able to ex		equirements when de	-		nents,					
	netrate and work	through the specific of	complexity of							
-						nd target	ted manne	er		
- are able to co	mpare informatio	n or methods and for	mats and appl	y them in a p	lanned a	nu target				
are able to co n a team based	mpare information of the division of the divis	of labor,				_				
- are able to co in a team based - are able to ma	mpare information of the division of the divis					_				
- are able to co in a team based - are able to ma detected,	mpare informatic d on the division o ake a differentiate	of labor, ed analysis and assessi	ment of comp	lex problems	that are	given or				
- are able to co in a team based - are able to ma detected, - are able to ind	mpare informatic d on the division o ake a differentiate dependently deve	of labor, ed analysis and assessi lop appropriate actior	ment of comp	lex problems integrate div	that are vergent fa	given or	need to b	e		
 are able to co in a team based are able to made detected, are able to ind are able to ind 	mpare informatic d on the division of ake a differentiate dependently deve insfer holistic des	of labor, ed analysis and assessi	ment of comp n strategies to pective thinki	lex problems integrate div ng into their a	that are rergent fa	given or actors, rategies f	need to b	e		
- are able to co in a team based - are able to ma detected, - are able to ind - are able to tra in architecture,	mpare informatic d on the division of ake a differentiate dependently deve unsfer holistic des urban planning,	of labor, ed analysis and assessi lop appropriate actior ign solutions and pers civil engineering, mon	ment of comp n strategies to pective thinki ument preser	lex problems integrate div ng into their a vation and re	that are rergent fa action str storation	given or actors, rategies f	need to b	e		
- are able to co in a team based - are able to ma detected, - are able to ind - are able to tra in architecture, Contents: Classical lecture	mpare informatic d on the division of ake a differentiate dependently deve insfer holistic des urban planning, e units in the cont	of labor, ed analysis and assessi- lop appropriate action ign solutions and pers civil engineering, mon	ment of comp n strategies to pective thinki ument preser ignment on ar	lex problems integrate div ng into their a vation and re	that are rergent fa action str storation ase study	given or actors, rategies f n. y:	need to b or plannir	e ng		
- are able to co in a team based - are able to ma detected, - are able to ind - are able to tra in architecture, Contents: Classical lecture - Special topics	mpare informatic d on the division of ake a differentiate dependently deve unsfer holistic des urban planning, e units in the cont of structural char	of labor, ed analysis and assess lop appropriate action ign solutions and pers civil engineering, mon ext of the specific assinge or practical preser	ment of comp n strategies to pective thinki ument preser ignment on ar	lex problems integrate div ng into their a vation and re	that are rergent fa action str storation ase study	given or actors, rategies f n. y:	need to b or plannir	e ng		
- are able to co in a team based - are able to ma detected, - are able to ind - are able to tra in architecture, Contents: Classical lecture - Special topics	mpare informatic d on the division of ake a differentiate dependently deve insfer holistic des urban planning, e units in the cont	of labor, ed analysis and assess lop appropriate action ign solutions and pers civil engineering, mon ext of the specific assinge or practical preser	ment of comp n strategies to pective thinki ument preser ignment on ar	lex problems integrate div ng into their a vation and re	that are rergent fa action str storation ase study	given or actors, rategies f n. y:	need to b or plannir	e ng		
- are able to co in a team based - are able to ma detected, - are able to ind - are able to tra in architecture, Contents: Classical lecture - Special topics health, industry	mpare informatic d on the division of ake a differentiate dependently deve unsfer holistic des urban planning, e units in the cont of structural char	of labor, ed analysis and assessi- lop appropriate action ign solutions and pers civil engineering, mon eext of the specific assi- nge or practical preser rts	ment of comp n strategies to pective thinki ument preser ignment on ar	lex problems integrate div ng into their a vation and re	that are rergent fa action str storation ase study	given or actors, rategies f n. y:	need to b or plannir	e ng		
- are able to co in a team based - are able to ma detected, - are able to ind - are able to tra in architecture, ontents: Classical lecture - Special topics health, industry	mpare informatic d on the division of ake a differentiate dependently deve unsfer holistic des urban planning, e units in the cont of structural char y, agriculture, spo on remodeling - r	of labor, ed analysis and assessi- lop appropriate action ign solutions and pers civil engineering, mon eext of the specific assi- nge or practical preser rts	ment of comp n strategies to pective thinki ument preser ignment on ar vation, for exa	lex problems integrate div ng into their a vation and re	that are rergent fa action str storation ase study	given or actors, rategies f n. y:	need to b or plannir	e ng		
- are able to co in a team based - are able to ma detected, - are able to ind - are able to tra in architecture, ontents: Classical lecture - Special topics health, industry - Special topics reinterpretatio Supervision:	mpare informatic d on the division of ake a differentiate dependently deve unsfer holistic des urban planning, e units in the cont of structural char , agriculture, spo on remodeling - r n, for example, fo	of labor, ed analysis and assess lop appropriate action ign solutions and pers civil engineering, mon exect of the specific assing age or practical presen rts repurposing - r specific time periods	ment of comp n strategies to pective thinki ument preser ignment on ar vation, for exa	lex problems integrate div ng into their a vation and re n exemplary c ample, buildir	that are rergent fa action str storation ase study ng for hor	given or actors, rategies f n. y: using, ser	need to b or plannir	e ng		
- are able to co in a team based - are able to ma detected, - are able to ind - are able to tra in architecture, ontents: Classical lecture - Special topics health, industry - Special topics reinterpretation Supervision: - of exercises for	mpare informatic d on the division of ake a differentiate dependently deve unsfer holistic des urban planning, e units in the cont of structural char ar, agriculture, spo on remodeling - r n, for example, fo	of labor, ed analysis and assess lop appropriate action ign solutions and pers civil engineering, mon ext of the specific assi nge or practical preser rts repurposing - r specific time periods llection of informatior	ment of comp n strategies to pective thinki ument preser ignment on ar vation, for exa s	lex problems integrate div ng into their a vation and re n exemplary c ample, buildir	that are rergent fa action str storation ase study ng for hor	given or actors, rategies f n. y: using, ser	need to b or plannir	e ng		
- are able to co in a team based - are able to ma detected, - are able to ind - are able to tra in architecture, ontents: Classical lecture - Special topics health, industry - Special topics reinterpretatio Supervision: - of exercises fo - of individual co	mpare informatic d on the division of ake a differentiate dependently deve unsfer holistic des urban planning, e units in the cont of structural char <i>t</i> , agriculture, spo on remodeling - r n, for example, fo or the targeted co r group work to c	of labor, ed analysis and assess lop appropriate action ign solutions and pers civil engineering, mon ext of the specific assi- nge or practical preser rts repurposing - r specific time periods llection of informatior complete the project ta	ment of comp n strategies to pective thinki ument preser ignment on ar vation, for exa s	lex problems integrate div ng into their a vation and re n exemplary c ample, buildir	that are rergent fa action str storation ase study ng for hor	given or actors, rategies f n. y: using, ser	need to b or plannir	e ng		
- are able to co in a team based - are able to ma detected, - are able to ind - are able to tra in architecture, ontents: Classical lecture - Special topics health, industry - Special topics reinterpretatio Supervision: - of exercises fo - of individual co	mpare informatic d on the division of ake a differentiate dependently deve unsfer holistic des urban planning, e units in the cont of structural char ar, agriculture, spo on remodeling - r n, for example, fo	of labor, ed analysis and assess lop appropriate action ign solutions and pers civil engineering, mon ext of the specific assi- nge or practical preser rts repurposing - r specific time periods llection of informatior complete the project ta	ment of comp n strategies to pective thinki ument preser ignment on ar vation, for exa s	lex problems integrate div ng into their a vation and re n exemplary c ample, buildir	that are rergent fa action str storation ase study ng for hor	given or actors, rategies f n. y: using, ser	need to b or plannir	e ng		
- are able to co in a team based - are able to ma detected, - are able to ind - are able to tra in architecture, Contents: Classical lecture - Special topics health, industry - Special topics reinterpretatio Supervision: - of exercises for - of individual co - of the mid-ter	mpare informatic d on the division of ake a differentiate dependently deve insfer holistic des urban planning, e units in the cont of structural char <i>i</i> , agriculture, spo on remodeling - r n, for example, fo or the targeted co r group work to c m and final prese	of labor, ed analysis and assess lop appropriate action ign solutions and pers civil engineering, mon ext of the specific assi- nge or practical preser rts repurposing - r specific time periods llection of informatior complete the project ta	ment of comp n strategies to pective thinki ument preser ignment on ar vation, for exa s	lex problems integrate div ng into their a vation and re n exemplary c ample, buildir	that are rergent fa action str storation ase study ng for hor	given or actors, rategies f n. y: using, ser	need to b or plannir	e ng		
- are able to co in a team based - are able to ma detected, - are able to ind - are able to tra in architecture, Contents: Classical lecture - Special topics health, industry - Special topics reinterpretatio Supervision: - of exercises for - of individual of - of the mid-ter	mpare informatic d on the division of ake a differentiate dependently deve unsfer holistic des urban planning, e units in the cont of structural char ar, agriculture, spo on remodeling - r n, for example, fo or the targeted co r group work to co m and final prese	of labor, ed analysis and assess lop appropriate action ign solutions and pers civil engineering, mon ext of the specific assi- nge or practical preser rts repurposing - r specific time periods llection of information complete the project tan ntation	ment of comp n strategies to pective thinki ument preser ignment on ar vation, for exa s n, its preparati asks	lex problems integrate div ng into their a vation and re n exemplary c ample, buildir	that are rergent fa action str storation ase study ng for hor	given or actors, rategies f n. y: using, ser	need to b or plannir	e ng		
- are able to co in a team based - are able to ma detected, - are able to ind - are able to tra in architecture, Contents: Classical lecture - Special topics health, industry - Special topics reinterpretatio Supervision: - of exercises for - of individual co - of the mid-ter Course attenda Prof. DrIng. B	mpare informatic d on the division of ake a differentiate dependently deve unsfer holistic des urban planning, e units in the cont of structural char <i>t</i> , agriculture, spo on remodeling - r n, for example, fo or the targeted co r group work to c m and final prese nce time (in man- rgit Franz	of labor, ed analysis and assess lop appropriate action ign solutions and pers civil engineering, mon exect of the specific assing age or practical presen rts repurposing - r specific time periods llection of information complete the project tantation	ment of comp n strategies to pective thinki ument preser ignment on ar vation, for exa s n, its preparati asks	lex problems integrate div ng into their a vation and re n exemplary c ample, buildir ion and comm	that are rergent fa action str storation ase study ng for how	given or actors, rategies f n. y: using, ser	need to b or plannir rvice, edu	e Ig cation,		
- are able to co in a team based - are able to ma detected, - are able to ind - are able to tra in architecture, Contents: Classical lecture - Special topics health, industry - Special topics reinterpretatio Supervision: - of exercises fo - of individual co - of the mid-ter Course attenda Prof. DrIng. B	mpare informatic d on the division of ake a differentiate dependently deve insfer holistic des urban planning, e units in the cont of structural char <i>i</i> , agriculture, spo on remodeling - r n, for example, fo or the targeted co r group work to c m and final prese nce time (in manu- rgit Franz	of labor, ed analysis and assessi- lop appropriate action ign solutions and pers civil engineering, mon exect of the specific assi- nge or practical preser rts repurposing - r specific time periods llection of information complete the project tantation datory hours - LVS) <u>3 LVS</u>	ment of comp n strategies to pective thinki ument preser ignment on ar vation, for exa s n, its preparati asks Workload (i Course atte	lex problems integrate div ng into their a vation and re n exemplary o ample, buildir ion and comm in hours) ndance time	that are rergent fa action str storation ase study ng for how nunication	given or actors, rategies f n. y: using, ser	need to b or plannir rvice, edu anying	e ng		
 are able to co in a team based are able to ma detected, are able to ind are able to tra- in architecture, Contents: Classical lecture Contents: Classical lecture Special topics health, industry Special topics reinterpretation Supervision: of exercises for of individual of of the mid-ter Course attenda Prof. DrIng. B Assistant lecture	mpare informatic d on the division of ake a differentiate dependently deve unsfer holistic des urban planning, e units in the cont of structural char t, agriculture, spo on remodeling - r n, for example, fo or the targeted co r group work to co m and final prese nce time (in manu- rgit Franz	of labor, ed analysis and assess lop appropriate action ign solutions and pers civil engineering, mon eext of the specific assi- nge or practical preser rts repurposing - r specific time periods llection of information complete the project to ntation datory hours - LVS) <u>3 LVS</u> 6 LVS	ment of comp n strategies to pective thinki ument preser ignment on ar vation, for exa s n, its preparati asks Workload (i Course atte Lecture	integrate div ng into their a vation and re n exemplary c ample, buildir ion and comm in hours) ndance time 40 h 20 h 60 h	that are rergent fa action str storation ase study ng for how nunication	given or actors, rategies f n. y: using, ser on study accompa	need to b or plannir rvice, edu anying	e Ig cation,		

Allocation to course	e of study	Module name		Course	code	Internal	Last update	d
Master of Arch	itecture	Cultural H	istory of	MA	V-13		08.04.20	21
Study semester 7th semester	Offered in WS	Building a	•	Credit 6 CP	points	1	Semester w 4 SWS	eek hours
Can also be credite Master of Arch	ng Contexts / Historical Monuments d to study program itecture	Responsible for modu Prof. DrIng. Birg	git Franz	Semi Langua Germ	nar ge of instru		if applicable	
Requirements acco	rding to examination regu	llations	Recommended	prerequisites				
Study/examination	achievements/ examinat	ion types	If applicable, w	eighting of the s	tudy/exam	ination ach	ievements	
Seminar paper -			Written wo	rk 60%, oral	report 25	5%, prese	entation 15	%
Module objectiv	ves/desired learning	outcomes:						
Students								
- are able to ou - are able to cla diversity, - are able to de - are able to de	ame existing national atline endogenous ar assify ideas of goals a eal with different pro evelop chains of argu nterest in planning in ad restoration.	nd ephemeral oppor and design develope blem situations in a mentation for const	tunities and p ed in an inter-, methodologi tructional obje	vossibilities in /transdiscipli cally sound a ectives and to	our soci nary way nd interco represe	ety, in the co lisciplina int these	ontext of sc ry open ma also in the	inner,
 Reconstruction Current disconstruction practice Exercise Selected issues of millions) a) b) 	ange - monument ch on - Repurposing - Re urses on theory and	interpretation n rural areas (small a	and medium-s		-			oig city, city
Course attenda	nce time (in mandat	ory hours - LVS)	Workload (i	n hours)				
Prof. DrIng. B		4 LVS	Course atter	-	Home	study		
		-	Lecture	40 h		accomp		120 h
		-	Exercise	15 h 5 h	and ex	am prepa	nation	120 h
Total classroon	n time	- 4 LVS	Other Total workle					180 h
Optional extra Possible field t		<u></u>						200 11
Literature is listed in Stu	d.IP							

Allocation to course	e of study	Module name		Course code	Internal	Last updated	
Master of Arch	itecture	Building	g Archeology	MAV-14		08.04.2021	
Study semester	Offered in		5 07	Credit points		Semester week hours	
8th semester	SS	Responsible for module		6 CP		4 SWS	
Allocation to study	specialization			Type of teaching, group size, if applicable			
Building in Existi	ng Contexts /	N.N.		Seminar and individual/group supervision			
Preservation of	Historical Monuments						
Can also be credite	d to study program			Language of instruction			
Master of Arch	itecture						
Requirements acco	rding to examination regu	llations	Recommended prereq	uisites			
Study/examination	achievements/ examinati	on types	If applicable, weighting	g of the study/exam	ination ach	lievements	
Project work w	ithout colloquium		Project work 80%, colloquium 20%				
-			-				

Module objectives/desired learning outcomes:

Students

- are able to apply their professional knowledge of historic preservation issues and theory to aspects of practical historic preservation,

- are able to relate questions of architectural archaeology (excavation) to practical professional challenges of historical building research by means of case studies, discuss them and outline possible solutions.

- are able to perform all steps of archaeological field documentation in small group work,

- are able to reliably document the results of written and drawn work using professional methods,

- are able to comprehensively consider the manifold aspects of archaeological excavation activities regarding the question of monument preservation (e.g. preliminary investigation in building renovations or necessity of archaeological measures in preparation for construction in order to establish planning security) in order to better assess special requirements in later professional practice.

Contents:

A teaching excavation is offered at a suitable object (e.g. church or castle) in close cooperation with the Lower Saxony State Office for the Preservation of Monuments. The objects date from the Middle Ages or the early modern period, so that the context to the preservation of historical monuments is given.

The students will perform all steps of an archaeological field documentation (analog and digital). As non-archaeologists, students should be specifically introduced to the variety of archaeological excavation activities in order to be better able to assess the tasks / requirements that may be asked of them in their future professional field (e.g., consulting external experts).

The course will be conducted as work in (small) groups.

Supervision is provided on site in (small) groups or one-on-one, and a short field trip is offered on a case-by-case basis. Special feature of the organization:

The course takes place as a block class at the end of the lecture-free period of the summer semester, during the last two weeks before the start of the regular lecture period of the winter semester.

Course attendance time (in mandatory hour	· ·	Workload (i		1	
Assistant lecturer DiplIng. Markus Blaich	4 LVS	Course atter	ndance time	Home study	
	-	Lecture	20 h	Course accompanying	
	-	Exercise	100 h	and exam preparation	60 h
	-	Other			
Total classroom time	4 LVS	Total workl	oad		180 h
Optional extra	•	•			•
Field trip					

Field trip

Literature is listed in Stud.IP

Allocation to course	e of study	Module name		Course	code	Internal	Last updated
Master of Arch	hitecture	Design in Ex	visting	MA	V-15		08.04.2021
Study semester 7th semester	Offered in WS	Buildin	gs / vation of cal	Credit 6 CP	points	Semester week hours 4 SWS	
Allocation to study Building in Existi	ng Contexts /	Responsible for modul Prof. DrIng. Birg	le	Type of Semi		group size,	if applicable
	Historical Monuments d to study program	-		Langua	ge of instr	uction	
	rding to examination regu	lations	Recommended p				
	achievements/ examinati ch paper without	on types	If applicable, we				
colloquium, se			Student rese	arch paper	(30%), se	eminar pa	aper (70%)
	ves/desired learning						
 are able to di are able to m are able to m are able to de preservation, are able to for preservation at a reable to fin are able to fin Contents: Classic lecture Design approximation applementary Design bylaws Planning com Exercises on: Draft argume 		ds made on the bui ltural references in t esign procedures, de onses for planning in neet both aesthetic ir own positions for on: ementing, extendin onstruction rent architectural di boards	It environment the process, esign processes n architecture, and preservation dealing with th g, or merging	s, and requin urban design on requirem ne inventory	n, civil ei ents,	ngineerin	ig, monument
Course attenda	ince time (in mandat	ory hours - LVS)	Workload (in	hours)			
Prof. DrIng. B	irgit Franz	4 LVS	Course attend	dance time	Home	study	
		-	Lecture	40 h		accompa	
		-	Exercise	15 h	and ex	am prepa	aration 120 h
		-	Other	5 h			
Total classroon	n time	4 LVS	Total workloa	ad			180 h
Optional extra Panel discussio	on made up of and m	oderated by studen	ts				
Literature is listed in Stu	d.IP						

Allocation to course	e of study	Module name Course code Internal Last updated							
Master of Arch	itecture	Histo	rical	MAV-16		08.04.2021			
Study semester 9th semester	Offered in WS	Buildin	g	Credit points 6 CP		Semester week hours 4 SWS			
		Resear	ch						
Allocation to study	specialization	Responsible for modul	е	Type of teaching,	if applicable				
Building in Existi	ng Contexts /	N.N.		Seminar and	Seminar and individual/group supervision				
Preservation of I	Historical Monuments								
Can also be credite	d to study program			Language of instru	uction				
Master of Arch	itecture			German					
Requirements acco	rding to examination regu	lations	Recommended prerequisites						
Study/examination	achievements/ examination	on types	If applicable, weighting of the study/examination achievements						
Student resear	ch paper with collog	uium	Student research paper 80%, colloquium 20%						
-			Student research	arch paper 80%, colloquium 20%					
Module objectiv	ves/desired learning	outcomes:							
	ansfer their in-depth coric preservation,	professional knowle	edge of issues and t	heory of histori	c preserv	ation to aspects			

- are able to connect questions of historical building research and building archaeology (surveying and finding / room schedule) on the basis of exemplary practical professional problems, discuss them and outline possible solutions,

- are able to work in small groups to carry out all the steps of a deformation-based measurement,

- are able to explain the findings on the object or a room schedule,

- are able to reliably document the results of written and drawn work using professional methods,

- are able to comprehensively consider the manifold aspects in the question of monument preservation (e.g. preliminary investigation in building renovations or necessity of archaeological measures in preparation of construction to establish planning security) in order to better assess special requirements in later professional practice.

Contents:

In close cooperation with the Lower Saxony State Office for the Preservation of Historical Monuments, an introduction to historical building research is offered on a suitable object (e.g. church or castle). The objects date from the Middle Ages or the early modern period, so that the context to the preservation of historical monuments is given.

Students will carry out all steps of a deformation-compliant measurement, and the basic features of a report on the object or a room schedule will be explained (analog and digital). In addition, the analysis of historical

illustrations/photographs/plans or the evaluation of written archival documents can be used on a case-by-case basis. The course will be conducted as work in (small) groups.

Supervision is provided on site in (small) groups or one-on-one, and a short field trip is offered on a case-by-case basis. Special feature of the organization:

The course takes place as a block class at the end of the lecture-free period of the winter semester, during the last two weeks before the start of the regular lecture period of the summer semester.

Course attendance time (in mandatory hour	s - LVS)	Workload (in hours)					
Assistant lecturer DiplIng. Markus Blaich	4 LVS	Course atte	ndance time	Home study			
	-	Lecture	20 h	Course accompanying			
	-	Exercise	100 h	and exam preparation	60 h		
	-	Other					
Total classroom time	4 LVS	Total workl	oad		180 h		
Optional extra					•		
Field trip							
Literature							
is listed in Stud.IP							

Allocation to course	e of study	Module name		Course	code	Internal	Last updated
Master of Arch	itecture	Preservatio	n of	MA	V-17		08.04.2021
Study semester	Offered in	Historical N	-	Credit	points		Semester week hours
8th semester	SS		nonument	6 CP			4 SWS
Allocation to study	consistization	Theory Responsible for modu		Tuno o	ftaaabina	aroun cito	if applicable
Allocation to study Building in Existi		Prof. DrIng. Birg			ire & exe		if applicable
	Historical Monuments						
Can also be credite Master of Arch	d to study program			Langua Gern	ge of instru	uction	
	rding to examination regu	lations	Recommended		ian		
	achievements/ examinati		If applicable, w	eighting of the s	tudy/exam	ination ach	ievements
Student resear	ch paper with colloq	uium	Student res	search paper	75%, coll	oquium	25%
-							
Aodule objectiv	ves/desired learning	outcomes:					
Students							
- are able to pr	esent the history of h	nistoric preservatio	n up to the pro	esent,			
- are able to tra	ace the evolution of h	nistoric preservatio	n and conserv	ation,			
- are able to co	prrectly name and cor	nfidently use the ba	isic concepts c	of monument	protecti	on and p	reservation,
- are able to co	ontrast and discuss th	e different approad	thes to dealing	g with cultura	l monum	nents,	
- are able to cr	itically analyze the cu	rrent condition of	cultural monu	ments,			
- are able to ta	ke their own positior	in dealing with cul	tural monume	ents,			
- are able to ap	ply their knowledge	of the theory and h	istory of histo	oric preservat	ion to pla	anning in	architecture,
urban design, e	engineering, historic	preservation, and re	estoration.				
ontents:							
	units, such as those o	on:					
- Definition of t	erminology						
- Inventory	al preservation of his	storical monument	_				
	charters and agreeme		>				
· World heritag	-						
	/ lecture units on cur	rent architectural d	iscourses suc	h as [.]			
- Monument m			150001505, 500	11 03.			
	tion & preservation o	f monuments					
	e culture & historic						
preservation ex							
- Monument in							
- Arguments or	n historical monumer	nts					
- Panel discussi	ion made up of and n	noderated by stude	nts on current	t discourses o	on monui	ments, fo	llowed by plenary
and expert disc	cussion						
Prof. DrIng. B	ince time (in mandat	4 LVS	Workload (i Course atter		Homes	study	
	rer DiplIng. Sonja Ti		Lecture	40 h		accompa	anying
		-	Exercise	15 h		am prepa	
		-	Other	5 h			
Fotal classroon	ו time	7 LVS	Total workle	oad			180 h
Optional extra		·					·
Possible field t	rip(s)						
Literature	d ID						
s listed in Stu	u.IF						

Allocation to course	e of study	Module name		Course	code	Internal	Last updated
Master of Arch	itecture	Academic	Research	MA	V-18		08.04.2021
Study semester 7th semester	Offered in WS			Credit p 6 CP	oints	1	Semester week hou 4 SWS
Allocation to study Building in Existi Preservation of		Responsible for modul	e		teaching, re & exe		if applicable
Can also be credite	d to study program	_			ge of instr	uction	
Master of Arch	itecture rding to examination reg	ulations	Recommended pr	Germ	an		
	achievements/ examination	tion types	If applicable, weig	hting of the st	udy/exam	nination ach	lievements
Seminar paper							
	vac/dasinad laansin						
viodule objecti	ves/desired learning	g outcomes:					
Students							
authorities, - are able to in processes.	dependently and ef	ficiently control and f	further develop	their indivi	dual lea	rning and	l work
 Characterist The stages o Typical struct 	s of academic resear ics of academic rese f academic writing - ture of an academic d formal requireme	arch/writing - from initial orientat : paper	ion to the subm	nission of th	e finishe	ed text	
 Writing techn Working tech Effective rese citation rules 	iques for collecting niques for structurin arch and reading stu	or successful academ ideas, formulating ar ng materials, plannin rategies, writing tech for the systematic re	nd narrowing do g writing projec niques for critic	ts	oing con	itent, und	lerstanding
Course attenda	nce time (in manda	tory hours - LVS)	Workload (in l	hours)			
Assistant lectu	rer Jana Zegenhage	n 4 LVS	Course attend	ance time	Home	-	-
		-	Lecture	20 h		accompa	
		-	Exercise	40 h	and ex	am prepa	aration 120 h
Total classroon	n time	- 4 LVS	Other Total workloa	 d			180 h
Optional extra							
Literature is listed in Stu	d.IP						

Mashan of Analyte	Module name		Course	code	Internal	Last upda	ted
Master of Architecture	Climate-Fr	iendly	MA	V-61		08.04.2	021
Study semester Offered in	Building	/	Credit	points			week hours
7th semester WS	Responsible for mode	1.	6 CP			4 SWS	
Allocation to study specialization Architecture			Type of teaching, group size, if applicable Lecture & exercise				
Can also be credited to study program	Prof. DrIng. Me	erke Deck		ge of instru			
Master of Architecture			Germ				
Requirements according to examination re	egulations	Recommended	d prerequisites				
Study/examination achievements/ examir	ation types	If applicable y	veighting of the s	tudy/exam	ination ach	ievements	
Project work without	ation types	in applicable, v		cady y chain		ic venicints	
colloquium, seminar paper							
Aodule objectives/desired learni	ng outcomoci						
nodule objectives/desired learning	ng outcomes:						
Students							
Judents							
	.						<i>.</i>
 are able to present the basics of 	f climate-appropriate	building and	explain the as	sociated	passive r	neasures	for
reducing heating or cooling work	loads,						
- are able to apply simple simulat	ion tools and interpre	et their results	s.				
- are able to conceive their own o				and guid	delines ai	nd to anal	VZE
				unu gui	actifies at		yzc
and optimize the building structu	-						
 are able to incorporate relevant 			-	n implem	entation	,	
- are able to summarize, present	and discuss their wor	rk results in sh	ort reports.				
Contents:							
Lectures and exercises communic	cate in-depth knowle	dge of climate	-appropriate	construc	tion. The	use of	
hygrothermal and dynamic simul	ation tools is elabora	ted on the bas	sis of paramet	er studie	s. Based	on the ar	alvsis of
an existing building, design and c			-				-
energy efficiency, freedom from		-	-			-	.5 01
energy efficiency, freedom from (-		omfort needs (of the us	er in equ	ai measui	
				-			e.
Working with relevant standards	-						e.
Working with relevant standards	-						e.
Working with relevant standards	-						e.
Working with relevant standards	-						e.
Working with relevant standards	-						e.
Working with relevant standards	-						e.
Working with relevant standards	-						e.
Working with relevant standards Progress is continuously reviewed	d on the basis of shor	t presentatior	ns and brief re				e.
Working with relevant standards Progress is continuously reviewed Course attendance time (in manc	d on the basis of shor	t presentatior	ns and brief re in hours)	ports.	study		e.
Working with relevant standards Progress is continuously reviewed	d on the basis of shor	t presentatior Workload (Course atte	in hours)	ports.	-	anving	e.
Working with relevant standards Progress is continuously reviewed Course attendance time (in manc	d on the basis of shor	t presentatior Workload (Course atte Lecture	in hours) indance time 40 h	ports. Home : Course	accompa		
Working with relevant standards Progress is continuously reviewed Course attendance time (in manc	d on the basis of shor	t presentation Workload (Course atte Lecture Exercise	in hours)	ports. Home : Course	-		re. 120 h
Working with relevant standards Progress is continuously reviewed Course attendance time (in mand Prof. DrIng. Meike Deck	d on the basis of shor latory hours - LVS) 4 LVS - - - - -	t presentation Workload (Course atte Lecture Exercise Other	in hours) indance time 40 h 20 h	ports. Home : Course	accompa		120 h
Working with relevant standards Progress is continuously reviewed Course attendance time (in mand Prof. DrIng. Meike Deck Total classroom time	d on the basis of shor	t presentation Workload (Course atte Lecture Exercise	in hours) indance time 40 h 20 h	ports. Home : Course	accompa		
Working with relevant standards Progress is continuously reviewed Course attendance time (in mand Prof. DrIng. Meike Deck Total classroom time	d on the basis of shor latory hours - LVS) 4 LVS - - - - -	t presentation Workload (Course atte Lecture Exercise Other	in hours) indance time 40 h 20 h	ports. Home : Course	accompa		120 h
Working with relevant standards Progress is continuously reviewed Course attendance time (in mand Prof. DrIng. Meike Deck Total classroom time	d on the basis of shor latory hours - LVS) 4 LVS - - - - -	t presentation Workload (Course atte Lecture Exercise Other	in hours) indance time 40 h 20 h	ports. Home : Course	accompa		120 h
Working with relevant standards Progress is continuously reviewed Course attendance time (in mand Prof. DrIng. Meike Deck	d on the basis of shor latory hours - LVS) 4 LVS - - - - -	t presentation Workload (Course atte Lecture Exercise Other	in hours) indance time 40 h 20 h	ports. Home : Course	accompa		120 h
Working with relevant standards Progress is continuously reviewed Course attendance time (in mand Prof. DrIng. Meike Deck	d on the basis of shor latory hours - LVS) 4 LVS - - - - -	t presentation Workload (Course atte Lecture Exercise Other	in hours) indance time 40 h 20 h	ports. Home : Course	accompa		120 h
Working with relevant standards Progress is continuously reviewed Course attendance time (in manc	d on the basis of shor latory hours - LVS) 4 LVS - - - - -	t presentation Workload (Course atte Lecture Exercise Other	in hours) indance time 40 h 20 h	ports. Home : Course	accompa		120 h

Allocation to course	e of study	Module name		Course	code	Internal	Last updated
Master of Arch	itecture	Enormy O	ntimized	MA	V-62		08.04.2021
Study semester	Offered in	Energy-O	-	Credit p			Semester week hours
8th semester	SS	Building: B	Building	6 CP			4 SWS
		Enclosure					
Allocation to study	specialization	Responsible for modu	le	Type of	teaching,	group size,	if applicable
Architecture		Prof. DrIng. Me	ike Deck		re & exe		
Can also be credited					ge of instru	iction	
Master of Arch	rding to examination re	aulations	Recommended p	Germ	dli		
Requirements accor		Suldtons	neconinenaca p	i ci cquisites			
Study/examination	achievements/ examina	ition types	If applicable, wei	ghting of the s	tudy/exam	ination ach	ievements
Project work w							
colloquium, se							
-	ves/desired learnin	g outcomes:					
woodle objectiv	respueshed learnin	g outcomes.					
Students							
- are able to de	evelop and mathem	atically verify optimiz	zed detailed co	nstructions	of the bu	ilding en	velope in
	summer context (t					0	•
		ng procedures in the	public legal veri	ification acc	ording to	ENEV o	r DIN 18599
	uilding constructio				0		
	-	of structural optimiza	ation on the tot	al energy ne	eds or tl	ne	
		ude it in their profess		0,			
		ermal insulation with		imulation a	ccording	to DIN 4	108-2
		vestigation in terms	-		0		
		ly coordinated overa			enclosure	e and to r	represent
	f calculations and d	-	•	U			•
		-					
Contents:							
Loctures and ex	varcisas provida in	depth knowledge of	the energy rele	vance of the	huilding		ro. In addition to
		he material-specific			-		
		nections. The interp			-	-	
	ith in great detail.	mections. me interp		results (PSI	value, ik	SI, SUITAC	e temperatures,
,	thingreat detail.						
The focus is on	winter and summe	r thormal insulation	vorification and	l tho accoria	tod roqu	iromonto	for the
		r thermal insulation	verification and	l the associa	ted requ	irements	s for the
building enclos	sure.						
building enclos	sure.	r thermal insulation rgy balance, the find					
building enclos	sure.						
building enclos	sure.						
building enclos	sure.						
building enclos Within the scop	sure.	ergy balance, the find		arized in the			
building enclos Within the scop	ure. pe of an overall ene n ce time (in manda	ergy balance, the find	lings are summa	arized in the		f public-l	
building enclos Within the scop Course attenda	ure. pe of an overall ene n ce time (in manda	ergy balance, the find	lings are summa	arized in the	sense o	f public-l	aw evidence.
building enclos Within the scop Course attenda	ure. pe of an overall ene n ce time (in manda	ergy balance, the find atory hours - LVS) 4 LVS	ings are summa Workload (in Course attend	arized in the hours) dance time	sense o Home s Course	f public-la	aw evidence.
building enclos Within the scop Course attenda	ure. pe of an overall ene n ce time (in manda	ergy balance, the find atory hours - LVS) 4 LVS	ings are summa Workload (in Course attend Lecture	hours) dance time	sense o Home s Course	f public-la tudy accompa	aw evidence.
building enclos Within the scop Course attenda	ure. pe of an overall ene i nce time (in manda leike Deck	ergy balance, the find atory hours - LVS) 4 LVS - - - -	Workload (in Course attend Lecture Exercise	hours) dance time 40 h 20 h	sense o Home s Course	f public-la tudy accompa	aw evidence.
building enclos Within the scop Course attenda Prof. DrIng. M Total classroom	ure. pe of an overall ene i nce time (in manda leike Deck	ergy balance, the find atory hours - LVS) 4 LVS - - -	Workload (in Course attend Lecture Exercise Other	hours) dance time 40 h 20 h	sense o Home s Course	f public-la	anying anying tration 120 h
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building enclos Within the scop Course attenda Prof. DrIng. M Total classroom	ure. pe of an overall ene i nce time (in manda leike Deck	ergy balance, the find atory hours - LVS) 4 LVS - - - -	Workload (in Course attend Lecture Exercise Other	hours) dance time 40 h 20 h	sense o Home s Course	f public-la	anying anying tration 120 h
building enclos Within the scop Course attenda Prof. DrIng. M Total classroom Optional extra	ure. pe of an overall ene i nce time (in manda leike Deck	ergy balance, the find atory hours - LVS) 4 LVS - - - -	Workload (in Course attend Lecture Exercise Other	hours) dance time 40 h 20 h	sense o Home s Course	f public-la	anying anying tration 120 h
building enclos Within the scop Course attenda Prof. DrIng. M Total classroom	ure. pe of an overall ene i nce time (in manda leike Deck n time	ergy balance, the find atory hours - LVS) 4 LVS - - - -	Workload (in Course attend Lecture Exercise Other	hours) dance time 40 h 20 h	sense o Home s Course	f public-la	anying anying tration 120 h

	to study program	Services Responsible for modu			V-63		Semester v 4 SWS	veek hours	
Architecture Can also be credited Master of Arch Requirements accord	to study program		Building: Building Services			6 CP 4 SW		r week hours	
Master of Arch Requirements accor		Prof. DrIng. Me			teaching, re & exe		if applicable		
Requirements accor	itecture			Langua Germ	ge of instru an	iction			
Study/ovamination	ding to examination re	gulations	Recommended p						
Study/examination	achievements/ examin	ation types	If applicable, we	ighting of the si	udy/exam	ination ach	ievements		
Project work w									
colloquium, se	minar paper ves/desired learnii								
services engine - are able to tra- lighting) to their - are able to co and comprehen - are able to co - are able to per solution strategenetics Contents: In lectures and applications in	ering and present insfer their advance r own building des nfidently apply nu nsive manner, mprehensively rec netrate complex to gies.	lly coordinated overa it in mathematical te eed knowledge of buil sign and derive specif merical simulation me ord and analyze an e echnical issues, proce s gain in-depth know y assessment. Studer rding:	rms, Iding services sy ic questions reg ethods and ana xisting building ess them metho ledge of dynam	vstems (heat garding ener lyze their re or a building dically and o	ing, vent gy-optim sults in a g design, levelop i	ilation, v nized con well-fou ndividua	vater heat struction, inded I	possible	
Different tools An essential pa	are used dependin rt of the simulation	on tools, the problem of on the question. In is the feedback on t	he building und	ler study and	_			_	
Prof. DrIng. N	nce time (in mand Jeike Deck	4 LVS	Workload (in Course attend		Homes	tudy			
י יסי יסי. וע. וע. וע. וע. וע		- 4 LV3	Lecture	40 h		accompa	anying		
		-	Exercise	20 h		am prepa		120 h	
		-	Other						
Total classroom	time	4 LVS	Total workloa	ad				180 h	
Optional extra		1 -	1					<u>ı</u>	

Allocation to cours	e of study	Module name		Course o	code	Internal	Last update	ed
Master of Arch	nitecture	Constructi	ve Design	MA	V-64		08.04.20)21
Study semester 8th semester	Offered in SS		ve Design	Credit po 6 CP	Credit points 6 CP		Semester week hours 4 SWS	
Allocation to study	specialization	Responsible for modu	ıle	Type of teaching, group size, if applicable				
Architecture		Prof. Matthias Pa	ätzold	Lecture & exercise				
Can also be credite Master of Arch	ed to study program			Languag Germa	e of instru	uction		
	ording to examination re	egulations	Recommended p		a11			
	achievements/ examin rch paper with collo		If applicable, wei	ghting of the st	udy/exam	ination ach	ievements	
function, of co - are able to m complex relations - are able to de solutions, taking aspects, - are able to de based on scient	mponents and buil nethodically implem onships between te esign sophisticated ng into account des evelop sustainable ntifically sound result ork effectively in in	e the complex interde dings and to take the nent the technical asp echnical requirement and high-quality load sign, functional, techr and innovative load-b lts, terdisciplinary dialog	m into account bects of construct s and holistic so d-bearing structu hical, physical, en bearing structur	comprehens ction with co lutions, ures or detai conomic, end es and produ	ively in nfidenc led load ergy-sav uce new	a constru e, taking I-bearing ving and e technolo	uction task into accou structure ecological ogies	
buildings or ex The contents a - Interdepende construction ta - Methodical co	isting buildings (rep are defined by the t encies of material a ask	bilities in the special pair, renovation, restr opics set in the task, nd construction, forn ocessing of complex i	oration) e.g. "Long-span n and function, o structural tasks,	structures": of componer e.g. the dev	nts and I	buildings	in a	V
solutions in co	nstructive design	solutions with high c cation of in-depth kno sional cooperation ai	owledge to sust	ainable and i	nnovati	ve proble	em	
solutions in co - Interdisciplin	nstructive design ary and interprofes	cation of in-depth kno	owledge to sustand leadership sk	ainable and i ills	nnovati	ve proble	em	
solutions in co - Interdisciplina Course attenda	nstructive design ary and interprofes ance time (in mand	cation of in-depth kno sional cooperation an atory hours - LVS)	owledge to sustand leadership sk	ainable and i ills hours)			em	
solutions in co - Interdisciplin	nstructive design ary and interprofes ance time (in mand	cation of in-depth kno	wledge to sustand leadership sk Workload (in Course attend	ainable and i ills hours) Jance time	Homes	study		
solutions in co - Interdisciplina Course attenda	nstructive design ary and interprofes ance time (in mand	cation of in-depth kno sional cooperation an atory hours - LVS)	owledge to sustand leadership sk	ainable and i ills hours)	Home s Course	study accompa	anying	
solutions in co - Interdisciplina Course attenda	nstructive design ary and interprofes ance time (in mand	cation of in-depth kno sional cooperation an atory hours - LVS)	wledge to sustand leadership sk Workload (in Course attend	ainable and i ills hours) Jance time	Home s Course	study	anying	120 h

4 LVS

Total workload

180 h

Optional extra

Total classroom time

Literature is listed in Stud.IP

Allocation to course					ted			
Master of Arch	itecture	Desig	zn.	MA	V-65		08.04.2	021
Study semester 7th semester	Offered in WS		ization	Credit 6 CP	points	1	Semester 4 SWS	week hours
Allocation to study Architecture	specialization	Responsible for modu			f teaching, Ire & exe		if applicabl	e
Can also be credited	d to study program	Prof. Dr Ing. Till	rbollger		ge of instru			
Master of Arch				Germ				
Requirements acco	rding to examination r	egulations	Recommended	l prerequisites				
	achievements/ examin		If applicable, weighting of the study/examination achievements					
- Student resear	ch paper with coll	oquium						
Module objectiv	ves/desired learni	ing outcomes:						
Students		0						
- are able to us	mpose new atmos e digital represent	-	-					
 are able to us are able to sp material, color are able to co are able to us representation are able to de are able to co media designer Contents: A series of exer contents of the A preliminary a	e digital represent ecifically imagine, and light in 3D, mbine analog and e innovative prog s, their preparatic al with new exper nstructively contr rs, photographers, cises teach studer exercises will be rchitectural desig	abstract and precisel abstract and precisel digital image process rams and media to co on and further process riences of (visual) perc ibute their own techn , and copy editors, and not sthe respective con prepared, combined a n for a specific site is c e focus is placed on th	y represent sp sing technique nfidently visua sing, as well as ception in a se lical and metho d to define and tents for pres and deepened developed usin	ace-forming s in a meanin alize and pres graphics and lf-reflective w odological ski d pursue com entation and ng analog and	construc gful way ent analo text, vay, Ils in inte mon goa visualiza d digital r	dependi og and di erdisciplir als. tion. Dur epresent	ng on the gital arch hary dialo ing the le ation tecl	itectural gue with ctures, th
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Allocation to course of study	Module name		Course code	Internal	Last updated			
Master of Architecture	Onen S	pace Planning	MAV-6	6	08.04.2021			
Study semesterOffered in9th semesterWS	dy semester Offered in the semester WS				Semester week hours 4 SWS			
Allocation to study specialization	Responsible for mo	dule	Type of teaching, group size, if applicable					
Architecture Can also be credited to study prog	N.N.		Lecture & exercise					
Master of Architecture	ter of Architecture			Language of instruction German				
Requirements according to exami	nation regulations	Recommended prer	equisites					
Study/examination achievements Student research paper w -		If applicable, weight	ng of the study/e	examination acl	nievements			
 are able to describe the or are able to perceive and are able to appreciate an are able to incorporate b 	ory of garden art and prese complex relationships betw analyze the social and cultu d evaluate the quality of na asic knowledge of nature a ccount when developing g	een architecture, la ural aspects of space ature and open space nd vegetation into t	ndscape and o e, e in the city, heir professio	city, anal consider				
	ty objectives for open spac s.		-		planning and			
other specialist discussion Contents: History of garden art; surv		e planning, taking ir	paces taking	irrent urban	sociological aspect			
other specialist discussion contents: History of garden art; surv definition and discussion c	s. ey of different open spaces	e planning, taking ir ;; analysis of urban s nceptual implement	paces taking ation of guidir	irrent urban into account ng principles	sociological aspect			
other specialist discussion ontents: History of garden art; surv definition and discussion c vegetation as a means of i	ey of different open spaces f the concept of space; cor mplementing different spa	e planning, taking ir ;; analysis of urban s nceptual implement tial qualities; use of	paces taking ation of guidir street furnitu	irrent urban into account ng principles	sociological aspect			
other specialist discussion ontents: History of garden art; surv definition and discussion c vegetation as a means of i	ey of different open spaces f the concept of space; cor mplementing different spa n mandatory hours - LVS)	e planning, taking ir ;; analysis of urban s nceptual implement	paces taking ation of guidir street furnitu urs)	into account ng principles re.	sociological aspect			
other specialist discussion ontents: History of garden art; surv definition and discussion c vegetation as a means of i	ey of different open spaces f the concept of space; cor mplementing different spa n mandatory hours - LVS)	e planning, taking ir ;; analysis of urban s nceptual implement tial qualities; use of Workload (in ho Course attendar	paces taking ation of guidir street furnitu urs) <u>ce time Hor</u>	irrent urban into account ng principles	sociological aspect and design ideas;			
other specialist discussion contents: History of garden art; surv definition and discussion c vegetation as a means of i	ey of different open spaces f the concept of space; cor mplementing different spa n mandatory hours - LVS)	e planning, taking ir ;; analysis of urban s nceptual implement tial qualities; use of Workload (in ho Course attendar Lecture	paces taking ation of guidir street furnitu urs) ce time Hor 30 h Cou	into account ng principles re. ne study	sociological aspect and design ideas; anying			
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other specialist discussion Contents: History of garden art; surv definition and discussion of vegetation as a means of i Course attendance time (in Prof. DrIng. Rainer Hobig	ey of different open spaces f the concept of space; cor mplementing different spar n mandatory hours - LVS) k 4 LVS - - - -	e planning, taking ir s; analysis of urban s nceptual implement tial qualities; use of Workload (in ho Course attendar Lecture	paces taking ation of guidir street furnitu urs) ce time Hor 30 h Cou	into account ng principles re. <u>me study</u> irse accomp	anying aration 120 h			

Master of Arch	ion to course of study Module name Course code Internal Last updat					Module name Course code Internal L				
	itecture	Constru	ction	MA	V-67		08.04.2021			
8th semester	Offered in SS	Manage		Credit p 6 CP	points	1	Semester week hours 4 SWS			
Allocation to study s Architecture	specialization	Responsible for modu	le		Type of teaching, group size, if applicable Lecture & exercise					
Master of Arch	In also be credited to study program Aaster of Architecture equirements according to examination regulations Recommended p					Language of instruction German prerequisites				
	achievements/ examin ch paper without c		If applicable, we	eighting of the s	tudy/exam	ination ach	ievements			
Aodule objectiv	ves/desired learnin	ng outcomes:								
Students										
		described above in t	-		-					
micro analysis, etc. - Project manag phase, as well a - Real estate re - Feasibility stu	the project develo gement with mana as in operation, etc lated sustainability	state management th pment process, corpo gement in constructio , n influencing variable ne real estate market,	orate real estation, project mains, tools and m	te managem nagement in ethods	ent, publ	lic private	e partnership, execution			
 Project develo micro analysis, etc. Project manag phase, as well a Real estate re Feasibility stur management a 	the project develo gement with mana as in operation, etc lated sustainability dies, products in th	pment process, corpo gement in constructio , , influencing variable ne real estate market,	orate real estation, project mains, tools and m	te management in nagement in ethods age, etc. mo	ent, publ	lic private	e partnership, execution			
 Project develomicro analysis, etc. Project manage phase, as well a real estate re Real estate re Feasibility stue management a 	the project develo gement with mana as in operation, etc lated sustainability dies, products in th nd control tools.	pment process, corpo gement in constructio , , influencing variable ne real estate market, atory hours - LVS)	orate real estation, project mains, tools and mains, tools and mains, third-party us	te management in ethods Gage, etc. mo	ent, publ	lic private	e partnership, execution			
 Project develomicro analysis, etc. Project manage phase, as well a real estate re Real estate re Feasibility sturmanagement a 	the project develo gement with mana as in operation, etc lated sustainability dies, products in th nd control tools.	pment process, corpo gement in constructio , , influencing variable ne real estate market, atory hours - LVS)	orate real estaton, project ma s, tools and m , third-party us Workload (in	te management in ethods Gage, etc. mo	ent, publ the plan nitoring, Home s	lic private ning and schedule study accompa	e partnership, execution			
 Project develomicro analysis, etc. Project manage phase, as well a Real estate re Feasibility stummanagement a 	the project develo gement with mana as in operation, etc lated sustainability dies, products in th nd control tools.	pment process, corpo gement in constructio , , influencing variable ne real estate market, atory hours - LVS)	workload (in Course atter Lecture Exercise	te managem nagement in ethods age, etc. mo hours) idance time	ent, publ the plan nitoring, Home s	lic private ning and schedule	e partnership, execution			
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Allocation to cours	e of study	Module name		Course	code	Internal	Last updated
Master of Arch	nitecture	Urban De	velopment	MA	V-68		08.04.2021
Study semester 7th semester	Offered in WS	History		Credit	points		Semester week hours 4 SWS
Allocation to study Building in Existi	ing Contexts /	Responsible for modu Carolin Prinzhorr		Type of Lectu	-	group size,	if applicable
	Historical Monuments d to study program hitecture	-		Langua Germ	ge of instr I an	uction	
	rding to examination regu	ulations	Recommended pr				
Study/examination	achievements/ examinat	ion types	If applicable, weig	hting of the s	tudy/exam	ination ach	ievements
Student resear	ch paper without co	lloquium					
Module objectiv	ves/desired learning	outcomes:					
Students							
- are able to o	utline the history of c	entral European ur	han planning fro	m antiquity	to mod	lorn timo	ç
	scuss urban structure	-		-			5,
	itically examine and						
	nalyze original urban		-				
	corporate their spec	-		-			lwork
restoration.	in architecture, urba	an planning, civil en	gineering, monu	iment pres	ervation	and	
restoration.							
Contents:							
The lecture pro	ovides an overview o	f Central European	urban planning l	nistory fror	n antiqu	ity to mo	dern times and
	erences to the prese			·			
	rical city organisms a	re presented in terr	ms of the main f	eatures of	historica	l settlem	ent development, fo
example, -							
- the character	istics of urban settle	ments in different g	eographical and	temporal	contexts	,	
-	naturally developed						
	ons between house c						
The lecture cor	ntents can be dealt w	with in more detail in	n exercises and/	or presenta	itions or	selected	topics.
Course attenda	ince time (in mandat	tory hours - LVS)	Workload (in l	nours)			
Carolin Prinzho	orn M.A., V-Prof	4 LVS	Course attend	ance time	Home	study	
		-	Lecture	50 h		accomp	
		-	Exercise	10 h	and ex	am prepa	aration 120 h
Total classroon	n time	- 4 LVS	Other Total workloa	d			180 h
Optional extra		4 LV3		u			100 11
1.4							
Literature is listed in Stu	d IP						

Allocation to course	e of study	Module name		Course code	Internal	Last updated	
Master of Arch	itecture	Historical Building		MAV-69		08.04.2021	
Study semester 8th semester	Offered in SS	Forms and		Credit points 6 CP		Semester week hours 4 SWS	
		Constructio	ns				
Allocation to study	specialization	Responsible for modu	le	Type of teaching,	group size,	if applicable	
Building in Existi	ng Contexts /	Carolin Prinzhorn	M.A., V-Prof	Lecture			
Preservation of	Historical Monuments		, -				
Can also be credite	d to study program			Language of instruction German			
Master of Arch	itecture						
Requirements acco	rding to examination regu	lations Recommended prereq		equisites			
Study/examination	achievements/ examinati	on types If applicable, weightin		g of the study/exam	ination ach	ievements	
Student resear	ch paper without col	lloquium					

Module objectives/desired learning outcomes:

Students

- are able to correctly name and characterize different historical building forms, building materials and building constructions from the Middle Ages to the early 20th century,

- are able to explain the relationships between construction technology and construction form,

- are able to localize, correctly designate and analyze historical constructions,

- are able to classify buildings and their furnishings in their temporal and regional context,

- are able to determine and contrast original building conditions and their changes,

are able to incorporate their specialist knowledge of historical building forms and structures into their professional work when planning architecture, urban planning, civil engineering, monument preservation and restoration,
 are able to present arguments based on cultural and architectural history against the background of the history

of construction and use of the respective object.

Contents:

The lecture provides an overview of historical building forms, building materials, and building construction from the Middle Ages to the early 20th century, with an emphasis on Central European secular architecture. Buildings from different periods of architectural history are presented, for example with regard to

- the specific materials used in their design,
- their furnishing elements typical of the period,
- the connection between building and usage,
- the connection between construction technology and construction form.

The lecture contents can be dealt with in more detail in exercises and/or presentations on selected topics.

Course attendance time (in mandator	y hours - LVS)	Workload (in hours)					
Carolin Prinzhorn M.A., V-Prof	4 LVS Course attendance time Home study		Home study				
	-	Lecture	50 h	Course accompanying			
	-	Exercise	10 h	and exam preparation	120 h		
	-	Other					
Total classroom time	4 LVS	Total workl	oad		180 h		
Optional extra							
Literature is listed in Stud.IP							

Allocation to cours	e of study	stor of Architocture			ode	Internal	Last updat	leu			
Master of Arch	nitecture	Architect	ure Theory	MAV	/-70		08.04.2	021			
Study semester 9th semester	Offered in WS			Credit poi 6 CP	oints		Semester 4 SWS	week hours			
Allocation to study	specialization	Responsible for modu			Type of teaching, group size, if applica						
Architecture	d to study program	Prof. Dr Ing. Till	Böttger		Lecture Language of instruction						
Master of Arch			German								
Requirements acco	rding to examination I	egulations	Recommended prerequisites								
Study/examination	udy/examination achievements/ examination types If applicable, weighting of					ng of the study/examination achievements					
Student resear	ch paper with col	loquium									
- Module objecti	ves/desired learn	ing outcomes:									
Students											
- are able to pr	esent the history	and theory of modern	architecture cor	nprehensivel	ly, in de	etail, and	in the co	ntext of			
-	olex subject relation										
- are able to ur	nderstand, analyze	and evaluate selected	d architectural th	eories,							
- are able to co	mparatively conti	rast architectural conc	epts and attitude	es in diverse	forms of	of expres	sion, sucł	n as			
	neorv texts. archit	ectural representatior	ns, and built arch	itecture,							
architectural t	hitectural theory texts, architectural representations, and built architecture,										
		e able to classify major movements in architectural theory,									
- are able to cl	assify major move		-	itically evalu	iate aca	idemic lit	erature a	nd			
- are able to cl	assify major move dependently and	ments in architectural systematically researcl	-	itically evalu	iate aca	idemic lit	erature a	nd			
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 are able to classified of the second secon	assify major move dependently and of information, repare architectur	systematically researcl al theories in a structu	h, analyze and cr red manner in th	ie form of va	arious p	oresentati					
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- are able to cla - are able to in other sources of - are able to pr elaborations a - are able to de discourse on th	assify major move dependently and of information, repare architectur nd to present ther eal openly, critical nem.	systematically researcl al theories in a structu n in a professionally a ly and self-reflectively	h, analyze and cr ired manner in th ppropriate mann with current trei	ne form of va er to the tar nds in archite	arious p get auc ecture a	presentati dience, and the p	ions and f	textual aal			
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Literature is listed in Stud.IP

Allocation to course	e of study	Module name		Course	code	Internal	Last updat	.ed
Master of Arch	itecture	Architectu	re Worksho	MA d	V-71		08.04.2	021
Study semester 10th semester	Offered in WS + SS			Credit 6 CP			Semester 6 SWS	week hours
Allocation to study	specialization	Responsible for modul			f teaching, se-deper		if applicable	l.
Can also be credited	to study program	Entire teaching st	.811		age of instr			
Master of Arch	itecture		т	Gern	nan			
Requirements acco	ding to examination reg	ulations	Recommended pre	requisites				
	achievements/ examinat ch paper without co		If applicable, weigh	ting of the s	tudy/exam	nination ach	nievements	
Module objectiv	ves/desired learning	g outcomes:						
development o - They integrate respective Euro Workshops: - Students argu - They design a view. - If necessary, t resolve the com Out of College: - Students design changed - They critically goal-oriented	f the field-trip desti e their knowledge o opean or non-Europo e with confidence a nd guide communic hey analyze conflict flict. gn and review learn reflect on their owr way and review the	f the cultural history ean cultural sphere w nd scientific reasoni ative and action-rela s that may arise in th ing and success proc m ways of thinking ar m.	of the field trip of with scientific just of in discussions ated interaction in the group and select resses in a targeto and behaving and a	destinatio tification. with expe n a group, ect and im ed manne adapt the	n into th erts. , showing nplement r, also ui	e context g respect t appropr nder cond	t of the for other iate strate ditions tha	points of egies to it have
- They take res	oonsibility for their o	own professional and	d personal develo	opment.				
Professional fie 3 or 6 credit po academic outco Workshops: Architectural w 6 credit points) Out of College: Modules that c After prior cons	Id trips offered by this ints) with seminar pome orkshops in Germar on selected, curren an be completed at sultation with the m	college modules with he study program in preparation and follo ny and abroad, impro t topics in the field c other universities (3 odule representative t points each. It is no	Germany and ab ow-up, i.e. docum omptu design eve of architecture or 6 credit point e or the program	road of a entation ents of at s) coordina	t least 5 of the pr least 5 o tor, it is j	or 10 day ofessiona r 10 days possible f	s (corresp al approac (correspo	h and the onding to 3 o ts to
Course attenda	nce time (in manda	tory hours - LVS)	Workload (in h	ours)				
Entire teaching	staff	0.1 LVS	Course attenda		Home	study		
		-	Lecture			accompa		477
		-	Exercise		and ex	am prepa	aration	177 h
Total deces	time	-	Other Total workload	3 h				100 -
Total classroom	i ume	0.1 LVS	Total workload					180 h
Literature is listed in Stud	d.IP							

Allocation to course of st	ocation to course of study Module name				code	Internal	Last updat	ed	
Master of Architect	ure	/lodule fo	or	M	4 4-1		08.04.2	021	
	ered in WS		on of the	Credit	points			week hours	
10th semester +		Master's		6 CP			6 SWS		
Allocation to study specia		nsible for modu		Type of teaching, group size, if applicable					
-		re teaching st		Semi		5.00p 5.20)		<i>.</i>	
Can also be credited to s				Langua Germ	ge of instr	uction			
Master of Architect	to examination regulations		Recommended pr		Idfi				
	0								
	vements/ examination types		If applicable, weig	hting of the s	tudy/exam	nination ach	nievements		
Student research p	aper without colloquiu	m							
-									
Module objectives/	desired learning outco	mes:							
Students									
	ndently acquire in-dep	th specialist	knowledge and s	skills on a s	specific is	ssue that	they wish	to	
	heir Master's thesis, ndently conduct comp	rehensive re	search on thema	tically rele	want sci	entific stu	idies and		
	and to analyze and crit			-					
	asp the state of the art	-							
	p application-oriented		utions for comp	lex tasks ba	ased on a	scientific	methods,	collect	
	nterpret and critically r								
-	ize alternative courses t their expertise in a su					work in	ctructure	d	
-	and in writing, and to	-					structure	u	
manner, both orang	and in writing, and to	visualize the	in connacting as			culu.			
Contents:									
	omprehensive literatur	e searches c	overing not only	monograp	hs, but a	also journ	als and ot	her series,	
and/or Propare and test ex	perimental setups, test	t procoduros	orsimilar						
Prepare and test ex	perimental setups, tes	l procedures	or similar.						
•			1						
	time (in mandatory ho	,	Workload (in h	-	11	. او بیار			
Entire teaching stat	T	0.1 LVS	Course attenda	ance time	Home	study e accompa	anving		
			Exercise			am prepa		177 h	
		-	Other	3 h	1				
Total classroom tim	e	0.1 LVS	Total workload		1			180 h	
Optional extra			•					•	
Literature									
Literature is listed in Stud.IP									

Allocation to course of study	Module name		Course	code	Internal	Last updated
Master of Architecture	Maste	r's Thesis	MA	4 4-2		08.04.2021
Study semesterOffered in WS10th semester+ SS			Credit			Semester week hours n/a
Allocation to study specialization	Responsible for modu		Type of	f teaching,	, group size,	if applicable
- Can also be credited to study program	Entire teaching st	taff	Langua	ge of instr	ruction	
Master of Architecture			Germ		uction	
Requirements according to examination reg		Recommended p	rerequisites			
according to examination regulation						_
Study/examination achievements/ examinat	ion types	If applicable, wei	ghting of the s	tudy/exan	nination ach	ievements
Final thesis with colloquium						
-						
Module objectives/desired learning Students - are able to act scientifically and in founded analytical and methodolog - are able to comprehensively pene solution-oriented and methodical r - are able to systematically collect a relevant scientific, social, and ethic - are able to solve even complex ar on scientific knowledge and method - are able to articulate ideas, proble written form, and to communicate structured and appropriate manne	idependently on the gical skills in all field: etrate technical cont nanner, and critically evaluat al issues, id novel problems in ds, and to formulate ems, and solutions in verbally and visually	s of work in the exts and to pro te data relevant their field in a innovative res n their field logi	subject are cess comple to making reflective a earch quest cally and pe	ea, ex tasks judgmer nd creat tions, ersuasive	in a holist nts that co tive mann ely in oral	cic, onsider er, drawing and
Contents: There are no restrictions on the sci The thesis is divided into a scientifi The independent preparation of th examination regulations.	c-theoretical and an	application-rela	ated part.			
Course attendance time (in mandat	tory hours - LVS)	Workload (in	hours)			
First examiner	0.3 LVS	Course attend	lance time	Home	study	
Second examiner	0.1 LVS	Lecture		Course	e accompa	
	-	Exercise		and ex	am prepa	iration 890 h
	-	Other	10 h			
Total classroom time	0.4 LVS	Total workloa	nd			900 h
Optional extra						
Literature is listed in Stud.IP						

September, 2021

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