Karlsruher Institut für Technologie

Module Handbook
Architecture Bachelor (B.Sc.)

SPO 2016

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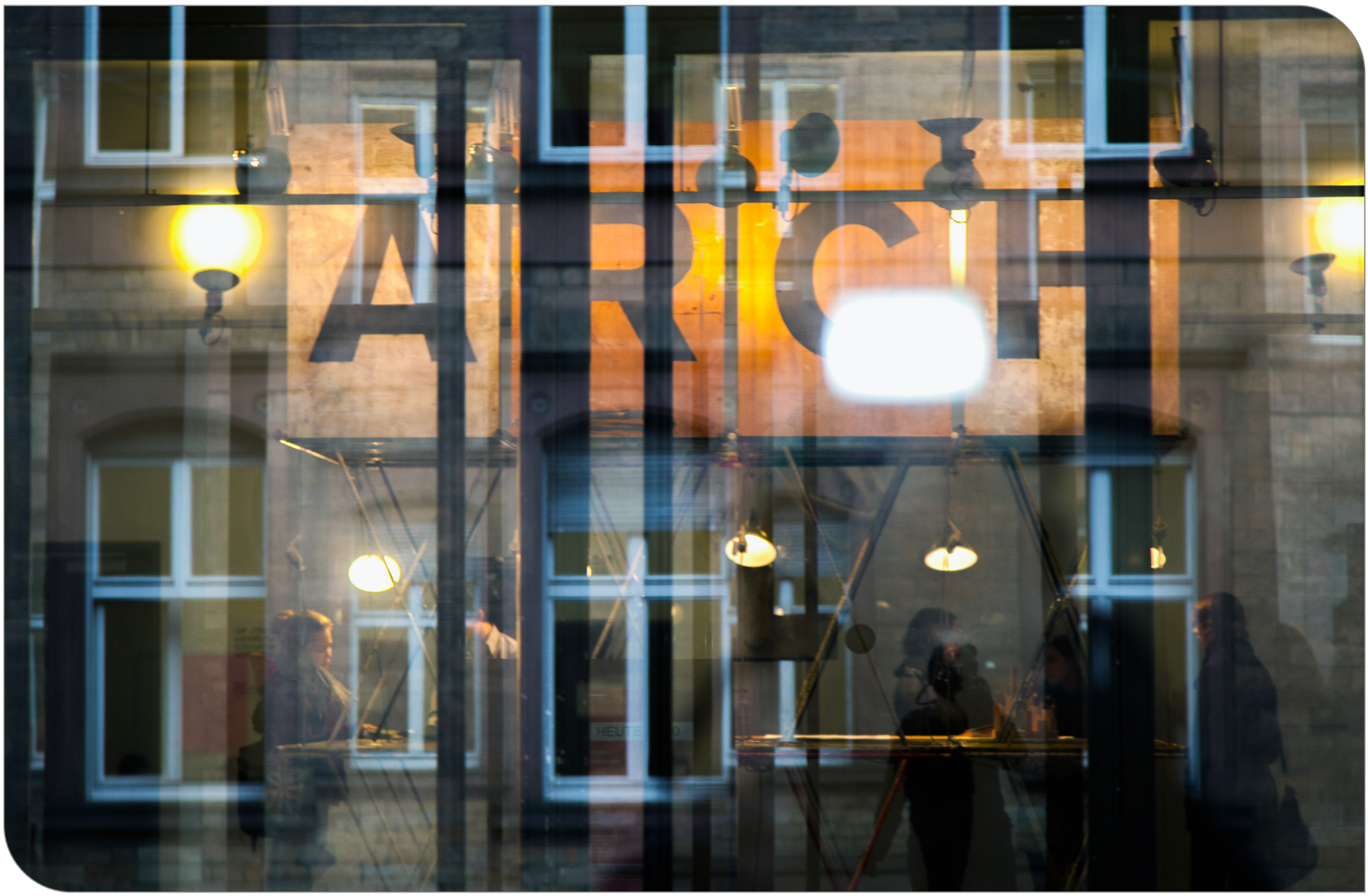
KIT DEPARTMENT OF ARCHITECTURE



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The bachelor program Architecture at KIT

Working on the creative design of the world around us using scientific methods – that is the goal of the Karlsruhe Department of Architecture at KIT.

The students in the study course Architecture acquire knowledge and skills during their studies that enable them to plan and to design the habitats of humans in the future. As architects they should contribute to creating the prerequisites for an optimal level of environmental quality for both living and working conditions that offer all sorts of developmental possibilities for society as a whole.

This presupposes an education that teaches one about the technical possibilities, provides one with knowledge about economic efficiency and, most importantly, of how to design a world that is being recreated again and again. The students need to be comprehensively prepared for the ever-changing requirements that are made of them during their professional working lives. Strengthening the practical side of things as well as a focus on research, including making use of the insights gained within university teaching, guarantees this type of education. Since 1825 one can study Architecture at our department with the aim of being awarded a diploma in this subject; as of the introduction of the bachelor and master programs in the winter semester 2009/2010 one is awarded a BA or MA degree.

The Karlsruhe Institute of Technology (KIT) has made it its aim, within the framework of implementing the Bologna process of setting up a European university landscape, of ensuring that at the end of one's studies one is as a rule awarded a master's degree. The consecutive bachelor and master study programs on offer at KIT should therefore be seen as being a comprehensive concept with a consecutive curriculum in place.

The planning and the scope of the BA study course Architecture encompasses six semesters. It ends with the degree Bachelor of Science (B.Sc.) which one is awarded after having successfully completed all exams. For this degree altogether 180 ECTS credit points have to be collected.

Within the framework of this study course skills in the following subjects, amongst others, should be attained:

- Designing
- Integral Designing
- Construction Technology
- Theoretic and Historical Basics
- Designing and Representing
- Urban- and Landscape Planning

Within the subject Specialization modules from various subject areas can be chosen and thereby students can develop an individual profile that corresponds with their own interests.

The subject Interdisciplinary Qualifications completes the courses on offer; here one can attain general as well as practical competencies.
Therefore, within the bachelor course of studies both the scientific basics as well as the connected methodic competencies are taught.

Every semester the students work in a specifically themed design studio. The individual professors supervise one respective studio personally. The design work is supported with a basic course offer specifically tailored to the students' needs. The aim of the study course is to ensure the students' ability of being able to successfully complete a consecutive master's program as well as being able to successfully apply the knowledge learned in one's later professional career. The examination regulations (attached) and the study plan based on this contain all binding requirements for the study course.

Basically, the study course is split up into modules. Every module can be made up of one or more courses which are successfully completed by passing one or more exams. The scope of each module is defined by credit points that, after successful completion of the module, are credited to the student's account.

The module guide for the study course

In this module guide the modules and all related courses as well as progress monitoring are listed with the following information:

- Allocating a module to a discipline and those persons responsible
- Scope of the module in terms of credit points
- Module cycle, length, level, language and work requirements
- Module courses and their contents
- Progress monitoring (exams) of the modules and grade development
- Qualification aims of the modules
- Prerequisites and requirements of the modules respectively interdependency of the modules
- Recommendations and notes regarding the modules

It provides the needed orientation and is a reliable helper throughout one's studies. The module guide, however, in no way replaces the academic course catalog and the notices on the boards of the disciplines and faculties that inform up-to-date every semester about the variable event dates (e.g. time and location of a course) as well as on any short-term changes that have been made.

Exam modalities

In order to be able to take part in the module exams, students have to bindingly register online. Exams taken that have not been officially registered for are not taken into account.

The study regulations of the bachelor program Architecture dated July 26th, 2016 (official notice of the Karlsruhe Institute of Technology (KIT) No. 66 dated July 27th, 2016) defines the following in section §4 module exams, completed coursework and examination requirements:

(1) The bachelor exam is made up of module exams. Module exams consist of one or several progress monitoring checks. Progress monitoring is divided into completed coursework or examination requirements.

(2) Examination requirements are:
1. written exams,
2. oral exams or
3. other examination requirements.

(3) Completed coursework is written, oral or practical requirements that, as a rule, is undertaken by the students when attending their individual courses. The bachelor exam is not allowed to be completed just by handing in coursework.

Based on this are the terms and definitions used and defined within the module descriptions with regard to progress monitoring. Further information on the legal and administrative framework of study courses can be found in the study regulations attached to this module guide.

Study course design bachelor program Architecture

Bachelor Architecture
Exemplary Curriculum

arch.kit.edu FAKULTÄT FÜR ARCHITEKTUR

1. Sem	2. Sem	3. Sem	4. Sem	5. Sem	6. Sem
Studio Space 10 CP	Studio Structure 10 CP / OE	Studio Material 10 CP	Studio Context 10 CP	Studio System 10 CP	Bachelor's Thesis 12 CP
Basics of Design Theory 4 CP	Basics of Building Construction 4 CP	Building Construction 4 CP	Basics of Urban Planning 4 CP	Sustainability 4 CP	Advanced Topic of Bachelor Thesis 4 CP
Artistic and Sculptural Design 4 CP	Static and Strength of Materials 4 CP	Structural Design 4 LP	Urban Development and Construction Planning Law 4 CP	Elective Module* 4 CP	Elective Module* 4 CP
Building Materials Science 4 CP	Building Physics 4 CP / OE	Building Services 4 CP	Basics of Building Studies and Design 4 CP	Elective Module* 4 CP	Interdisciplinary Qualifications* 6 CP
Architectural Geometry and Digital Form Design 1 4 CP / OE	Architectural Geometry and Digital Form Design 2 4 CP	Architectural Geometry and Digital Form Design 3 4 CP	Communication of Architecture and Scientific Methodology 4 CP	Construction Economics and Law for Architects 4 CP	
Theory of Architecture 1 4 CP / OE	Theory of Architecture 2 4 CP	Building History 1 4 CP	Building History 2 4 CP	Building- or Art- and Urban Development-History 1 4 CP	Building- or Art- and Urban Development-History 2 4 CP
30 CP	**30 CP**	**30 CP**	**30 CP**	**30 CP**	**30 CP**

* Placeholder for various modules

STUDY STRUCTURE BACHELOR'S PROGRAM SPO2016

Field title / Module title	Module ID	CP Module	Conditions / Prerequisites Module	Module Component ID	Module Component Title	Examination	CP Module Component	semester assignment 1 CP	2 CP	3 CP	4 CP	5 CP	6 CP
Designing (40 CP)													
All modules in this field are compulsory modules.													
Studio Space	M-ARCH-103547	10	-	T-ARCH-109958	Design in Studio Space	Examination of another kind	10	10					
Studio Structure	M-ARCH-103548	10	**Successful completion of module studio space. orientation examination**	T-ARCH-109959	Design in Studio Structure	Examination of another kind	10		10				
Studio Material	M-ARCH-103549	10	Successful completion of module studio structure	T-ARCH-109960	Design in Studio Material	Examination of another kind	10			10			
Studio Context	M-ARCH-103550	10	Successful completion of module studio material.	T-ARCH-109961	Design in Studio Context	Examination of another kind	10				10		
Integral Designing (14 CP)													
All modules in this field are compulsory modules.													
Studio System	M-ARCH-103551	10	-	T-ARCH-109962	Design in Studio System	Examination of another kind	10					10	
Sustainability	M-ARCH-103552	4	-	T-ARCH-107289	Sustainability	Examination of another kind	4					4	
Construction Technology (32 CP)													
All modules in this field are compulsory modules.													
Building Materials Science	M-ARCH-103553	4	-	T-ARCH-107290	Building Materials Science	Examination of another kind	4	4					
Basics of Building Construction	M-ARCH-103554	4	-	T-ARCH-107291	Basics of Building Construction	Examination of another kind	4		4				
Static and Strength of Materials	M-ARCH-103555	4	Exercise is a requirement for written examination.	T-ARCH-107292	Static and Strength of Materials	Written examination	4		4				
				T-ARCH-109234	Static and Strength of Materials - Exercise	completed coursework	0		0				
Building Physics	M-ARCH-103556	4	**orientation examination**	T-ARCH-107293	Building Physics	Examination of another kind	4		4				
Building Construction	M-ARCH-103557	4	-	T-ARCH-107294	Building Construction	Examination of another kind	4			4			
Structural Design	M-ARCH-103558	4	Exercise is a requirement for written examination.	T-ARCH-107295	Structural Design	Written examination	4			4			
				T-ARCH-109235	Structural Design - Exercise	completed coursework	0			0			
Building Services	M-ARCH-103559	4	-	T-ARCH-107296	Building Services	Examination of another kind	4			4			
Construction Economics and Law for Arcitects	M-ARCH-103560	4	-	T-ARCH-107297	Construction Economics and Law for Arcitects	Examination of another kind	4					4	
Theoretical and Historical Basics (20 CP)													
All modules in this field are compulsory modules.													
Theory of Architecture 1	M-ARCH-103561	4	**orientation examination -** Exercise is a requirement for written examination.	T-ARCH-107298	Theory of Architecture 1	Written examination	4	4					
				T-ARCH-109236	Theory of Architecture 1 - Exercise	completed coursework	0	0					
Theory of Architecture 2	M-ARCH-103562	4	Exercise is a requirement for written examination.	T-ARCH-107299	Theory of Architecture 2	Written examination	4		4				
				T-ARCH-109237	Theory of Architecture 2 - Exercise	completed coursework	0		0				
Building History 1	M-ARCH-103563	4	-	T-ARCH-107300	Building History 1	Written examination	4			4			
Building History 2	M-ARCH-103564	4	-	T-ARCH-107301	Building History and Building Survey	Examination of another kind	3				3		
				T-BGU-108019	Survey	completed coursework	1				1		
Communication of Architecture and Scientific Methodology	M-ARCH-103565	4	-	T-ARCH-107302	Communication of Architecture and Scientific Methodology	Written examination	4				4		
Designing and Representing (20 CP)													
All modules in this field are compulsory modules.													
Basics of Design Theory	M-ARCH-103566	4	-	T-ARCH-107303	Basics of Design Theory	Examination of another kind	4	4					
Artistic and ScuCPtural Design	M-ARCH-103567	4	-	T-ARCH-107304	Artistic and ScuCPtural Design	Examination of another kind	4	4					
Architectural Geometry and Digital Form Design 1	M-ARCH-103568	4	**orientation examination**	T-ARCH-107305	Architectural Geometry and Digital Form Design 1	Examination of another kind	4	4					
Architectural Geometry and Digital Form Design 2	M-ARCH-103569	4	-	T-ARCH-107306	Architectural Geometry and Digital Form Design 2	Examination of another kind	4		4				
Architectural Geometry and Digital Form Design 3	M-ARCH-103570	4	-	T-ARCH-107307	Architectural Geometry and Digital Form Design 3	Examination of another kind	4			4			
Urban- and Landscape Planning (20 CP)													
All modules in this field are compulsory modules.													
Basics of Urban Planning	M-ARCH-103571	4	Exercise is a requirement for written examination.	T-ARCH-106581	Basics of Urban Planning	Written examination	4				4		
				T-ARCH-109964	Principles of Building Studies and Design - Exercise	completed coursework	0				0		
Principles of Building Studies and Design	M-ARCH-103572	4	Exercise is a requirement for written examination.	T-ARCH-107309	Principles of Building Studies and Design	Written examination	4				4		
				T-ARCH-109233	Principles of Building Studies and Design - Exercise	completed coursework	0				0		
Urban Developent and Construction Planning Law	M-ARCH-103573	4	Exercise is a requirement for written examination.	T-ARCH-107310	Urban Developent and Construction Planning Law	Written examination	4				4		
				T-ARCH-110885	*Urban Developent- Exercise*	completed coursework	0						
Urban Development-, Building- or Art History 1	M-ARCH-103574	4	-	T-ARCH-107311	Urban Development-, Building- or Art History 1	Written examination	4					4	
Urban Development-, Building- or Art History 2	M-ARCH-103575	4	-	T-ARCH-107312	Urban Development-, Building- or Art History 2	Written examination	4						4
Specialization (16 CP)													
The module "Advanced Topic of Bachelor Thesis" is compulsory, from the other modules three have to be chosen.													
Advanced Topic of Bachelor Thesis	M-ARCH-103576	4	-	T-ARCH-107688	Advanced Topic of Bachelor	completed coursework	3						3
				T-ARCH-107690	Advanced Topic of Bachelor - Portfolio	completed coursework	1						1
Selected Topics of Building Studies and Design	M-ARCH-103577	4	-	T-ARCH-107317	Selected Topics of Building Studies and Design	Examination of another kind	4					x	x
Selected Topic of Fine Art 1	M-ARCH-103582	4	-	T-ARCH-107322	Selected Topic of Fine Art 1	Examination of another kind	4					x	x

STUDY STRUCTURE BACHELOR'S PROGRAM SPO2016

Field title Conditions / Prerequisites Field Module title	Module ID	CP Module	Conditions / Prerequisites Module	Module Component ID	Module Component Title	Examination	CP Module Component	semester assignment 1 CP	2 CP	3 CP	4 CP	5 CP	6 CP
Specialization (16 CP) The module "Advanced Topic of Bachelor Thesis" is compulsory, from the other modules three have to be chosen.													
Selected Topics of Fine Arts 2	M-ARCH-103583	4	-	T-ARCH-107323	Selected Topics of Fine Arts 2	Examination of another kind	4					x	x
Selected Topics of Architectural Theory	M-ARCH-103584	4	-	T-ARCH-107324	Selected Topics of Architectural Theory	Examination of another kind	4					x	x
Architectural Theory Research Topics	M-ARCH-103585	4	-	T-ARCH-107325	Architectural Theory Research Topics	Examination of another kind	4					x	x
Selected Topics of Communication in Architecture	M-ARCH-103586	4	-	T-ARCH-107326	Selected Topics of Communication in Architecture	Examination of another kind	4					x	
Selected Topics of Building Technology	M-ARCH-103587	4	-	T-ARCH-107327	Selected Topics of Building Technology	Examination of another kind	4					x	x
Selected Topics of Sustainability	M-ARCH-103684	4	-	T-ARCH-107426	Selected Topics of Sustainability	Examination of another kind	4					x	x
Methodicial and Technical Planning Tools	M-ARCH-103589	4	-	T-ARCH-107329	Methodicial and Technical Planning Tools	Examination of another kind	4					x	
Structural Analysis	M-ARCH-103590	4	-	T-ARCH-107330	Structural Analysis	Examination of another kind	4					x	x
Selected Topics of Structural Design	M-ARCH-104513	4	-	T-ARCH-109243	Selected Topics of Structural Design	Examination of another kind	4					x	x
Selected Topics of Building Technology	M-ARCH-103591	4	-	T-ARCH-107332	Selected Topics of Building Technology	Examination of another kind	4					x	
Selected Topics of Building Physics	M-ARCH-103592	4	-	T-ARCH-110400	Basics Sound Insulation	Oral Exam	2					x	x
				T-ARCH-110401	Basics of Fire Protection	Oral Exam	2					x	x
				T-ARCH-110402	Basics of Planning Energy-Efficient Buildings	Oral Exam	2					x	x
				T-ARCH-110403	Basics of Lighting Technology	Oral Exam	2					x	x
Selected Topics of Digital Design and Fabrication	M-ARCH-105818	4	-	T-ARCH-111674	Selected Topics of Digital Design and Fabrication	Examination of another kind	4					x	x
Selected Topics of Urban Design	M-ARCH-103593	4	-	T-ARCH-107334	Selected Topics of Urban Design	Examination of another kind	4					x	x
Selected Topics of Urban Design - workshop	M-ARCH-103811	4	-	T-ARCH-107697	Selected Topics of Urban Design - Workshop	Examination of another kind	4					x	x
Selected Topics of Art History	M-ARCH-103594	4	-	T-ARCH-107335	Selected Topics of Art History	Examination of another kind	4					x	x
Selected Topics of Building History	M-ARCH-103595	4	-	T-ARCH-107336	Selected Topics of Building History	Examination of another kind	4					x	x
Selected Topics of Building History 2	M-ARCH-105564	4	-	T-ARCH-111168	Selected Topics of Building History	Examination of another kind	4					x	x
Building Survey	M-ARCH-103596	4	-	T-ARCH-107337	Building Survey	Examination of another kind	4					x	x
In-depth Surveying for Architects	M-BGU-104002	4	-	T-BGU-107443	In-depth Surveying for Architects	Examination of another kind	4					x	
Basis Course Photogrammetry	M-BGU-	4	-	T-BGU-107444	Basis Course Photogrammetry	Examination of another kind	4					x	x
Selected Topics of Structural Analysis	M-ARCH-106127	4	-	T-ARCH-112498	Selected Topics of Structural Analysis	Examination of another kind	4					x	x
Selected Topics of Accessibility	M-ARCH-106573	4	-	T-ARCH-113245	Selected Topics of Accessibility	Examination of another kind	4					x	x
Selected Topics of Comfort and Resilience	M-ARCH-106574	4	-	T-ARCH-113246	Selected Topics of Comfort and Resilience	Examination of another kind	4					x	x
Interdisciplinary Qualifications (6 CP)													
Key Qualifications	M-ARCH-103602	6	"Workshop Introduction" is compulsory, the remaining module components are selectable.	T-ARCH-107340	Workshop Introduction	completed coursework	1	1					
				T-ARCH-111746	Self Assignment HoC-ZAK-SpZ 1-3 not graded	completed coursework	2					x	x
				T-ARCH-111749	Self Assignment HoC-ZAK-SpZ 4-6 graded	completed coursework	2					x	x
				T-ARCH-107341	Basic Course in the Study Workshop Photography	completed coursework	4					x	x
				T-ARCH-107342	Basic Course in the Study Workshop Modell	completed coursework	4					x	x
				T-ARCH-109970	Visit lecture series Bachelor	completed coursework	1					x	x
				T-ARCH-107703	Internship	completed coursework	5					x	x
Bachelor Thesis Successful completion of the subjects" Designing" and "Integral Designing" and additional module examinations amounting to 76 CP.													
Bachelor Thesis	M-ARCH-103546	12	-	T-ARCH-107248	Bachelor Thesis	Bachelorarbeit mit Präsentation	12						12
Total		**180**						**31**	**30**	**30**	**30**	**30**	**28**

2 Field of study structure

Mandatory	
Bachelor's Thesis	12 CR
Designing	40 CR
Integral Designing	14 CR
Construction Technology	32 CR
Theoretical and Historical Basics	20 CR
Designing and Representing	20 CR
Urban- and Landscape Planning from 1.11.2021	20 CR
Specialization	16 CR
Interdisciplinary Qualifications	6 CR

2.1 Bachelor's Thesis

Credits
12

Mandatory		
M-ARCH-103546	Module Bachelor's Thesis	12 CR

2.2 Designing

Credits
40

Mandatory		
M-ARCH-103547	Studio Space	10 CR
M-ARCH-103548	Studio Structure	10 CR
M-ARCH-103549	Studio Material	10 CR
M-ARCH-103550	Studio Context	10 CR

2.3 Integral Designing

Credits
14

Mandatory		
M-ARCH-103551	Studio System	10 CR
M-ARCH-103552	Sustainability	4 CR

2.4 Construction Technology

Credits
32

Mandatory		
M-ARCH-103553	Building Materials Science	4 CR
M-ARCH-103554	Basics of Building Construction	4 CR
M-ARCH-103555	Static and Strength of Materials	4 CR
M-ARCH-103556	Building Physics	4 CR
M-ARCH-103557	Building Construction	4 CR
M-ARCH-103558	Structural Design	4 CR
M-ARCH-103559	Building Services	4 CR
M-ARCH-105813	Construction Economics and Project Management	4 CR

2.5 Theoretical and Historical Basics

Credits
20

Mandatory		
M-ARCH-103561	Theory of Architecture 1	4 CR
M-ARCH-103562	Theory of Architecture 2	4 CR
M-ARCH-105811	History of Architecture and Urban Planning and Building Survey	4 CR
M-ARCH-105812	Art History	4 CR
M-ARCH-103565	Communication of Architecture and Scientific Methodology	4 CR

2.6 Designing and Representing

Credits
20

Mandatory		
M-ARCH-103566	Basics of Design Theory	4 CR
M-ARCH-103567	Artistic and Sculptural Design	4 CR
M-ARCH-103568	Architectural Geometry and Digital Form Design 1	4 CR
M-ARCH-103569	Architectural Geometry and Digital Form Design 2	4 CR
M-ARCH-103570	Architectural Geometry and Digital Form Design 3	4 CR

2.7 Urban- and Landscape Planning from 1.11.2021

Credits
20

Mandatory		
M-ARCH-103571	Basics of Urban Planning	4 CR
M-ARCH-103572	Principles of Building Studies and Design	4 CR
M-ARCH-105810	History of Architecture and Urban Planning and Urban Development	4 CR
M-ARCH-105814	Law for Architects and Construction Planning Law	4 CR
M-ARCH-105821	Seminar Week	4 CR

2.8 Specialization

Credits
16

Mandatory		
M-ARCH-103576	Advanced Topic of Bachelor's Thesis	4 CR
Compulsory Elective Modules Specialisation (Election: at least 12 credits)		
M-ARCH-103577	Selectet Topics of Building Studies and Design	4 CR
M-ARCH-103582	Selected Topics of Fine Art 1	4 CR
M-ARCH-103583	Selected Topics of Fine Art 2	4 CR
M-ARCH-103584	Selected Topics of Architectural Theory	4 CR
M-ARCH-103585	Architectural Theory Research Topics	4 CR
M-ARCH-103586	Selected Topics of Communication in Architecture	4 CR
M-ARCH-103587	Selected Topics of Building Technology	4 CR
M-ARCH-103684	Selected Topics of Sustainability	4 CR
M-ARCH-103589	Methodicial and Technical Planning Tools	4 CR
M-ARCH-103590	Structural Analysis	4 CR
M-ARCH-103591	Selected Topics of Building Technology	4 CR
M-ARCH-103592	Selected Topics of Building Physics	4 CR
M-ARCH-105818	Selected Topics of Digital Design and Fabrication	4 CR
M-ARCH-103593	Selected Topics of Urban Design	4 CR
M-ARCH-103811	Selected Topics of Urban Design - Workshop	4 CR
M-ARCH-103594	Selected Topics of Art History	4 CR
M-ARCH-103595	Selected Topics of Building History	4 CR
M-ARCH-105564	Selected Topics of Building History 2	4 CR
M-ARCH-103596	Building Survey	4 CR
M-BGU-104002	In-depth Surveying for Architects	4 CR
M-BGU-104004	Basis Course Photogrammetry	4 CR
M-ARCH-104513	Selected Topics of Structural Design	4 CR
M-ARCH-106127	Selected Topics of Structural Analysis	4 CR
M-ARCH-106129	Selected Topics of Environmental Quality and Accessibility *First usage possible between 10/1/2022 and 10/1/2022.*	4 CR
M-ARCH-106573	Selected Topics of Accessibility neu *First usage possible from 10/1/2023.*	4 CR
M-ARCH-106574	Selected Topics of Comfort and Resilience neu *First usage possible from 10/1/2023.*	4 CR

2.9 Interdisciplinary Qualifications

Credits
6

Mandatory		
M-ARCH-103602	Key Qualifications	6 CR

3 Modules

M 3.1 Module: Advanced Topic of Bachelor's Thesis [M-ARCH-103576]

Responsible: Prof. Marc Frohn
Prof. Simon Hartmann
Prof. Meinrad Morger
Prof. Ludwig Wappner

Organisation: KIT Department of Architecture

Part of: Specialization (mandatory)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	pass/fail	Each term	1 term	German	3	1

Mandatory			
T-ARCH-107688	Advanced Topic of Bachelor's Thesis	3 CR	Frohn, Hartmann, Morger, Wappner
T-ARCH-107690	Advanced Topic of Bachelor's Thesis - Portfolio	1 CR	Frohn, Hartmann, Morger, Wappner

Competence Certificate
Completed coursework consisting of two parts:

1.Specialization Bachelor Thesis
Working on the "Specialization Bachelor Thesis" usually, as a rule, takes place individually or in groups of two; there are regular supervisory and correction sessions. The produced results in the form of drawings, models, texts and lectures are presented and assessed within the framework of presentations or workshops during one‘s studies.

2. Portfolio
The portfolio is created by the students individually and without any supervision. The result is handed in as a physical portfolio. The portfolio is assessed as it relates to completeness, the plausibility and comprehensibility of the presented projects, the graphical and design-related quality as well as the technically skilled quality.

Prerequisites
none

Competence Goal
1. Specialization Bachelor Thesis

The students:

- have a well-founded vocabulary of the most important terminology within design practice and theory at their disposal.
- can develop, analyze and reflect on architectural spaces within social, cultural and technological contexts.
- are able to thematically approach and describe their working methods, based on multifaceted and partially contradictory influencing factors such as context, function, imagery etc. within the framework of a structured work process.
- are able to select and apply suitable tools for the respective steps within one’s work process.

2. Portfolio

The students:

- can produce a diligently planned, well-structured and reflected documentation of their completed coursework to date.
- are able to create a suitable portfolio for internship, university, etc. applications.

Content
"Specialization Bachelor Thesis" is a course that accompanies the module "Bachelor Thesis" which, through workshops, seminars, lectures, tutorials and/or other courses, teaches contents, methods or design tools that are related to the module "Bachelor Thesis". The portfolio represents a graphical and content-related revision and reworking of the six design drafts undertaken during the course of one's Bachelor studies. In addition, the portfolio can contain select completed coursework and one's own works. The portfolio contains information as to the author/producer (e.g. CV) and is to be produced in accordance with commonly used formats.

Module grade calculation
not graded

Annotation
Only one of the four courses can be booked, in each case by the examiner at whom the Bachelor's thesis is also completed.

Workload
In-class time: Supervision/presentations 30 h

Self-study components: Development of an architectural design 90 h

Recommendation
Taking this course at the same time as the module "Bachelor Thesis".

M 3.2 Module: Architectural Geometry and Digital Form Design 1 [M-ARCH-103568]

Responsible: TT-Prof. Moritz Dörstelmann
Organisation: KIT Department of Architecture
Part of: Designing and Representing

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German	3	1

Mandatory			
T-ARCH-107305	Architectural Geometry and Digital Form Design 1	4 CR	Dörstelmann

Competence Certificate
Other examination requirements consisting of a drawing-based term paper and the successful participation in the tutorials related to the courses of the module (tutorial certificates).

Prerequisites
none

Competence Goal
The students:

- have sharpened their spatial awareness and have attained the capability to think spatially which basically enables them to develop ideas and concepts within a spatial context.
- can plastically present a project using a hand drawn axonometric portrayal.
- can scan templates and edit as well as assemble these with basic digital image editing tools for further use. .
- know about software for creating architectural drawings (CAAD) and can use the basic functions for 2D work.

Content
This module is an introduction to various methods of portraying as well as teaching how to properly apply axonometric portrayals in sketches and exactly constructed portrayals. Historical and evolutionary development basics, Euclidian axiomatic theory and proof, parallel and central marking, basic and vertical planning, 2-view projections, linear transformations, axonometry, silhouettes and outlines, applying affine supporting figures as well as the geometry of spheres are all dealt with. Within the section Digital Design an introduction into architecturally relevant design and graphic software is given as well as on digital aids for project organization. The theoretical basics of digital image editing which includes pixels, vectors, resolution, color spaces, color depth, file formats etc. is also dealt with. In addition to this an introduction to current CAAD systems is given with a focus on the recording and rendering of entire design projects as 2D portrayals. Special focus is put on a sensible structuring of the project files.

Module grade calculation
The module grade is the grade of the other examination requirement.

Annotation
A part of the orientation exam.

Workload
Class attendance: Lectures, tutorials 60 h

Independent study: preparing/follow-up work, exam preparation, project work 60h

M 3.3 Module: Architectural Geometry and Digital Form Design 2 [M-ARCH-103569]

Responsible: TT-Prof. Moritz Dörstelmann
Organisation: KIT Department of Architecture
Part of: Designing and Representing

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each summer term	1 term	German	3	1

Mandatory			
T-ARCH-107306	Architectural Geometry and Digital Form Design 2	4 CR	Dörstelmann

Competence Certificate
Other examination requirements consisting of a drawing-based term paper and the successful participation in the tutorials related to the courses of the module (tutorial certificates).

Competence Goal
The students:

- know the spatial portrayal situation of the projective geometry of the central perspective.
- can present an architectural space atmospherically in a computer-generated, rendered portrayal.
- know CAAD systems and can use these for creating 2D drawings and 3D models for the creation of visualizations.
- are apt at applying simple digital image editing tools in order to rework renderings.
- know and are able to manage the basics of layout software for the design of plans and presentations.

Content
This module is an introduction into the processes of constructing perspective illustrations as well as the usage of digital tools in order to create entire project portrayals (2D/3D). Various construction procedures when it comes to perspectives (intersection procedure, turned perspective procedure), the measurement of distances, circles and cylinders in perspective as well as silhouette and outline constructions using perspective collinear figures. Within the section Digital Design the use of current CAAD software for the creation of digital 3D models and their usage for plan illustrations and spatial visualizations is taught and practiced.

Recommendation: Successful completion of the module "Architectural Geometry and Digital Design 1".

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
Class attendance: Lectures, tutorials 60 h

Independent study: preparing/follow-up work, exam preparation, project work 60 h

Recommendation
Successful completion of the module "Architectural Geometry and Digital Form Design 1".

M 3.4 Module: Architectural Geometry and Digital Form Design 3 [M-ARCH-103570]

Responsible: TT-Prof. Moritz Dörstelmann
Organisation: KIT Department of Architecture
Part of: Designing and Representing

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German	3	1

Mandatory			
T-ARCH-107307	Architectural Geometry and Digital Form Design 3	4 CR	Dörstelmann

Competence Certificate
Other examination requirements consisting of a drawing-based term paper and the successful participation in the tutorials related to the courses of the module (tutorial certificates).

Prerequisites
none

Competence Goal
The students:

- can use digital tools in order to find forms and shops as well as to work on designs.
- know the basic design laws for a variety of media-specific products.
- know parametric CAD software and their usage for creating design variants as well as connecting to modern, computer-aided manufacturing processes.
- have an overview of the relevant classes of curved surfaces needed for construction forms as well as being able to understand and use complex geometrical concepts.
- are able to select the suitable digital tools for various tasks posed and this for all design phases.
- can apply the gained knowledge and abilities effectively and even transfer these onto new problems or tasks given.

Content
In this module the applied techniques of image editing and the efficient use of graphic/layout programs as well as an introduction to parametric tools for finding forms and the creation of variants with the necessary geometrical basics needed to do this is taught. Questions pertaining to the design of plans, posters, brochures and websites with fonts and illustrative material are discussed as well as the possibilities of digital application demonstrated. Hereby effectively working with layout applications as well as complex techniques of image editing are shown and practiced. The media-specific design and editing of documents is presented and these are applied to practical examples. Experimental approaches that use digital production aids for building models and prototypes are demonstrated.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
Class attendance: Lectures, tutorials 60 h

Independent study: preparing/follow-up work, exam preparation, project work 60 h

Recommendation
Successful completion of the module "Architectural Geometry and Digital Form Design 1 and 2".

M 3.5 Module: Architectural Theory Research Topics [M-ARCH-103585]

Responsible: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Irregular	1 term	German	3	2

Mandatory			
T-ARCH-107325	Architectural Theory Research Topics	4 CR	Meister

Competence Certificate
Other examination requirements consisting of an oral test (qualified discussion contributions, oral presentation or an oral exam lasting for about 15 minutes) and a written paper respectively one's own independent research work whose scope and form is dependent on the respective task assigned.

Prerequisites
none

Competence Goal
The students:

- are able to formulate independent questions on the development or potential of theories regarding buildings, concepts, tools or models. Hereby they can carry out independently organized scientific research whilst taking related disciplines into account.
- are capable of dealing with a given or self-chosen topic in the sense of a "discursive practice" and reflect this critically. They know the needed architectural vocabulary and with the aid of this they can represent their views in a differentiated and easily comprehensible manner when involved in an interdisciplinary communicative exchange.
- have the ability to work out and interpret key content in architectural theory texts and can summarize the results in an independent text in accordance with the methods of working scientifically.

Content
In the module "Theory of Architecture Research Fields" an assigned or self-chosen topic from the area of "History and Theory of Architecture" is analyzed and interpreted. Interdisciplinary references to philosophy, cultural studies, the history of science and technology as well as current political and social conditions are a focal point. The focus hereby is on the critical reflection and analysis in the sense of a "discursive practice".

Recommendation: Successful participation in the module "Select Areas of the Theory of Architecture".

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
With a mandatory excursion.

Workload
In-class time: Seminar 30 h
Self-study: Preparation/follow-up, written paper/project 90 h

Recommendation
Successful completion of the module "Selected Topics of Architectural Theory".

M 3.6 Module: Art History [M-ARCH-105812]

Responsible: Prof. Dr. Inge Hinterwaldner
Prof. Dr. Oliver Jehle
Organisation: KIT Department of Architecture
Part of: Theoretical and Historical Basics

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German	3	2

Mandatory			
T-ARCH-111667	Art History	4 CR	Hinterwaldner, Jehle

Competence Certificate
Examination of another type as Open Book Upload exam. Tasks that are digitally supported and completed from home within a defined time window of 120 minutes. Aids are permitted. Students download the tasks as a file at the beginning of the time window, work on them digitally and upload the results as a submission immediately after the end of the processing time in a limited time window. The submission includes the declaration of independent processing and the indication of the aids.

The examination covers the content of both lectures offered in the respective semester.

Prerequisites
none

Competence Goal
The students:

- acquire knowledge of the conditions of origin of works of art and their historical contexts as well as basic knowledge of major works of art history and design practices from antiquity to the present day based on the current state of research.

Content
Art history and design practices from antiquity to the present day.

Module grade calculation
The module grade is the grade of the examination of another type.

Annotation
Two lectures must be taken in the same semester.

Workload
Class attendance: Lectures 60 h

Independent study: preparing/follow-up work, exam preparation 60 h

M 3.7 Module: Artistic and Sculptural Design [M-ARCH-103567]

Responsible: Prof. Stephen Craig
Organisation: KIT Department of Architecture
Part of: Designing and Representing

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German	3	1

Mandatory			
T-ARCH-107304	Artistic and Sculptural Design	4 CR	Craig

Competence Certificate
Other examination requirements consisting of works that are undertaken during the semester in the tutorials as well as handing in the works (workbook of the lecture series, sketching book and the complete folder of drawings) at the end of the semester.

Prerequisites
none

Competence Goal
The students:

- can apply different methods of freehand drawing.
- have improved / refined their perceptive and observative capabilities with regard to the drawing-related spatial portrayals.
- have extended their art-theoretical and contextual knowledge regarding the topic of drawing.

Content
Imparting the basics of freehand drawing: Tutorials on spatial perspectives using, amongst other things, focusing / transferring a 3D object onto a 2D surface with the aid of a glass plate as a perspective depiction instrument / drawing objects in space / portrait drawings as a profile, half-profile and frontal. Parallel to the drawing tutorials, lectures take place which change weekly, that supply supporting theories and background information. Based on examples from both historical and current architecture, the visual arts, film and literature, one gets an insight into the context of drawing.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
Class attendance: Lectures, tutorials 45 h

Independent study: preparing/follow-up work, exam preparation, project work 75 h

M 3.8 Module: Basics of Building Construction [M-ARCH-103554]

Responsible: Prof. Ludwig Wappner
Organisation: KIT Department of Architecture
Part of: Construction Technology

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each summer term	1 term	German	3	1

Mandatory			
T-ARCH-107291	Basics of Building Construction	4 CR	Wappner

Competence Certificate
Other examination requirements consisting of the constructive, semester-accompanying work on the design project in the module "Studio Material". Working on the task is undertaken in groups of two and there is supervision and corrections made on a regular basis. The progress monitoring occurs during one's studies in the framework of up to two intermediate and one final presentation together with the presentation in the Studio Material. There the worked out results in the formats drawings, models, texts and presentations are portrayed and evaluated. The presentation length of the building construction-related composition is approx. 5 minutes per group.

Prerequisites
none

Competence Goal
The students:

- have the basics of construction design and its technical fundamentals at their command.
- are able to develop and to assess structures in the realm of smaller building tasks and can develop these in a detailed manner.
- can apply a basic repertoire of methods for structuring architectural designs of a low degree of complexity with regard to structure, load transfer and architectural detailing of the building components of a high-rise with regard to the technical, economic and design-related qualities.

Content
First the discipline and its contents in relationship to architectural design are presented. Afterwards the basics of building construction are taught. Of especial importance here is the relationship between spatial disposition and the structural framework. The building components of high-rises are dealt with, their requirements, their basic structure and set-up as well as the interfaces of the building components as an important factor of the construction and design of high-rises.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
Class attendance: Lectures 30 h

Independent study: preparing/follow-up work, exam preparation, project work 90

Recommendation
Take this concurrently with the module "Studio Structure".

M 3.9 Module: Basics of Design Theory [M-ARCH-103566]

Responsible: Prof. Marc Frohn
Prof. Simon Hartmann
Organisation: KIT Department of Architecture
Part of: Designing and Representing

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German	3	1

Mandatory			
T-ARCH-107303	Basics of Design Theory	4 CR	Frohn, Hartmann

Competence Certificate
Other examination requirements consisting of two parts: In the framework of a written exam the important contents of the topics dealt with in the lecture as well as the accompanying texts and drawings made available will be examined. The duration of the written exam is approx. 150 minutes. Working on the accompanying exercise usually takes place, as a rule, in groups of four to five. There are regular supervision and correction sessions. The progress monitoring of the tutorial takes place within the framework of a final presentation. Here the worked out results are presented and evaluated in the form of drawings, models and presentations. The duration of the presentation is approx. 15 minutes per group.

Prerequisites
none

Competence Goal
The students:

- attain a basic understanding of the key aspects of architectural thought.
- can avail of a well-founded vocabulary of the most important terms regarding design practice and theory.
- attain a basic vocabulary of architectural references and concepts and can place these within key design aspects such as geometry, structure, context, perception, spatial boundaries, relations to humans etc. within an interdisciplinary context.
- are able to transfer these analysis and presentation abilities onto other architectural subjects.
- attain a well-founded understanding of design processes during the architectural design phase.
- can categorize design-related decisions and the architectural manifestations resulting therefrom with regard to fundamental facets of the cultural, social and technological contexts.

Content
Accompanying course to the design course in the module "Studio Spatial Studies". The lecture is organized into several thematic blocks that represent a systematic and targeted approach to key aspects of architectural thought. The approach is undertake via the presentation and analysis of the important language-related vocabulary, relevant reference projects, various different design approaches as well as design processes. These are placed within their cultural, social and technological contexts. In the framework of the accompanying tutorial the students systematically analyze and document key architecture with the aid of drawings and/or models. Within the framework of the research undertaken for this analysis and documentation, the students independently compile illustrative material, drawings and texts pertaining to these buildings and, amongst other things, make use of the KIT libraries for this.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
Class attendance: Lectures, tutorials 30 h

Independent study: preparing/follow-up work, exam preparation, project work 90 h

Recommendation
Take this concurrently with the module "Studio Space".

M 3.10 Module: Basics of Urban Planning [M-ARCH-103571]

Responsible: Prof. Henri Bava
Prof. Dr.-Ing. Barbara Engel
Organisation: KIT Department of Architecture
Part of: Urban- and Landscape Planning from 1.11.2021

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each summer term	1 term	German	2	3

Mandatory			
T-ARCH-106581	Fundamentals of Town Planning	4 CR	Bava, Engel

Competence Certificate
Oral exam lasting 15 minutes on the contents of the lecture.

Prerequisites
none

Competence Goal
The students:

- are able to apply urban development methods and can critically assess various different design and planning approaches.
- can avail of planning and design basic knowledge regarding various scale levels and in the following thematic fields: urban morphologies and typologies, urban ecology, free spaces, transport/infrastructure, legal aspects, urban analysis, connect development and design

Content
In this module the basics regarding the thematic fields urban development, urban and regional planning as well as landscape planning are taught. Tools are introduced for urban planning structure analysis, concept development and urban planning design which are gone into in-depth within the framework of a mandatory excursion. In addition, basic knowledge on the designing of urban planning and town maps as well as scales and the introduction to portrayal and presentation techniques are the contents of this course. The module is closely related, content-wise, to the module "Studio Context".

Module grade calculation
The module grade is the grade of the oral exam.

Annotation
With a mandatory excursion.

Workload
Class attendance: Lectures, tutorials 60 h

Independent study: preparing/follow-up work, exam preparation, project work 60 h

Recommendation
Take this concurrently with the module "Studio Context".

M 3.11 Module: Basis Course Photogrammetry [M-BGU-104004]

Responsible: Dr.-Ing. Thomas Vögtle
Dr.-Ing. Uwe Weidner
Organisation: KIT Department of Civil Engineering, Geo and Environmental Sciences
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German	3	1

Mandatory			
T-BGU-107444	Basis Course Photogrammetry	4 CR	Vögtle

Competence Certificate
Other examination requirements consisting of a graded project work (drawing/constructive) which consists of a worked-out paper on one of the practical exercises.

Prerequisites
none

Competence Goal
The students are able to:
- assess the basic photogrammetric procedures based on their performance possibilities.
- evaluate the necessary workload – and thereby the economic efficiency – depending on the various different tasks and areas of application.
- can independently undertake photogrammetric tasks with the aid of corresponding free or commercial software systems.

Content
In the lectures the work methods, recording and evaluation procedures are presented and are gone into in-depth in follow-up practical tutorials.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
In-class time: Lectures, tutorials 45 h
Self-study: Preparation/follow-up, written paper/project 75 h.

M 3.12 Module: Building Construction [M-ARCH-103557]

Responsible: Prof. Ludwig Wappner
Organisation: KIT Department of Architecture
Part of: Construction Technology

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German	3	1

Mandatory			
T-ARCH-107294	Building Construction	4 CR	Wappner

Competence Certificate
Other examination requirements consisting of the constructive, semester-accompanying work on the design project in the module "Studio Material". Working on the task is undertaken in groups of two and there is supervision and corrections made on a regular basis. The progress monitoring occurs during one's studies in the framework of up to two intermediate and one final presentation together with the presentation in the Studio Material. There the worked out results in the formats drawings, models, texts and presentations are portrayed and evaluated. The presentation length of the building construction-related composition is approx. 5 minutes per group.

Prerequisites
none

Competence Goal
Students:

- have knowledge of construction design and its technical fundamentals at their command.
- can apply a repertoire of methods for structuring architectural designs of a low degree of complexity with regard to structure, load transfer and architectural detailing of the building components of a high-rise with regard to the technical, economic and design-related qualities.

Content
Building Construction is taught in relation with architectural design. The teaching and application of enhanced knowledge of Building Construction is the focus. Taught is the relationship of spatial disposition and building structures with a medium level of complexity, the interfaces of building components as an important element of the construction and design of high-rises with regard to spatial, structural and physical building aspects.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
Class attendance: Lectures 30 h

Independent study: preparing/follow-up work, exam preparation, project work 90

Recommendation
Take this concurrently with the module "Studio Material".

M 3.13 Module: Building Materials Science [M-ARCH-103553]

Responsible: Prof.Dipl.-Ing. Dirk Hebel
Organisation: KIT Department of Architecture
Part of: Construction Technology

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German	3	2

Mandatory			
T-ARCH-107290	Building Materials Science	4 CR	Hebel

Competence Certificate
Written exam taking about 90 minutes.

Prerequisites
none

Competence Goal
The students:

- are able to name the basic technical features and characteristics of the most important building materials.
- can differentiate between the and compare the materials: In how far is there a difference between facade sheets made out of zinc compared to those made out of aluminum? How do you judge the corrosion and fire resistance of both steel as well as laminated timber beams? etc.
- can independently undertake research on materials and building products.
- have developed the first skills when it comes to analyzing and critically examining existing buildings with regard to material usage.

Content
In this module an overview of the technical features and design-related application possibilities of the most important building materials is given: natural stone, artificial stone, mineral binding agents, concrete, plastics, steel, non-ferrous metals, glass and wood. Hereby the basic damage mechanisms of the building materials are also dealt with: steel and concrete corrosion, damp and salts. Object examples from modern architecture as well as from historical building eras are examined and give a good insight into how dealing with different materials has changed over time, both in a building-construction as well as aesthetic manner.

Module grade calculation
The module grade is the grade of the written exam.

Workload
Class attendance: Lectures, tutorials 60 h

Independent study: preparing/follow-up work, exam preparation, project work 60

M 3.14 Module: Building Physics [M-ARCH-103556]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: Construction Technology

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each summer term	1 term	German	3	2

Mandatory			
T-ARCH-107293	Building Physics	4 CR	Wagner

Competence Certificate
Oral exam of approx. 20 minutes on the contents of the lectures and exercises.

Prerequisites
none

Competence Goal
The students:

- can name the focal points of construction physics that are relevant for building and spatial (indoor climate) concepts as well as for design and construction as well as being able to simply describe the basic physical phenomena.
- are familiar with the important aspects that are related to the sensory-based evaluation of rooms and spaces (thermally, olfactorily, visually, auditively) and can assess their dimensions based on own measurements and experiences made to date. They understand the relationship between these dimensions and the conceptual building design.
- recognize the effects of various environmental influences on a building and can interpret the influence of physical building measures on these. They know about important tools for planning as well as measuring devices to evaluate physical building dimensions.
- have at their command the relevant design and construction-supporting calculation tools for winter and summer heat insulation and thermal protection, for energy balancing as well as protection from damp.
- can interpret their measurement and calculation results and can deduce measures that need to be taken when it comes to the design as well as construction details.
- are able to talk about the relationship between buildings and the environment in a widened sense with respect to resources being used and environmental effects.

Content
This module teaches the basics of construction physics to the students in an architectural suitable manner. In lectures and tutorials the topics being dealt with are outdoor and indoor climate, the comfort of indoor spaces, the winter and summer-related heat insulation and thermal protection, energy balancing, passive solar energy usage, energy-efficient and climate-suitable construction, damp protection as well as acoustic and fire insulation. After a short introduction and a phenomological look at the theoretical basics, the focus is then on the practical application of what has been learned to the actual constructive building design. For this methods and calculation tools for heat and damp insulation as well as energy balancing are introduced. In the accompanying tutorials an introduction to climatic building dimensions is given and this is recorded and assessed using measuring devices. Finally conceptual questions on damage-free, energy efficient and climate compatible construction are worked on and measuring tools for the quantification of energy-related as well as heat and damp-related issues are applied and put to use.

Module grade calculation
The module grade is the grade of the oral exam.

Annotation
A part of the orientation exam.

Workload
Class attendance: Lectures, tutorials 45 h

Independent study: preparing/follow-up work, exam preparation, project work 75h

Recommendation
Take this concurrently with the module "Studio Structure".

M 3.15 Module: Building Services [M-ARCH-103559]

Responsible: Andreas Wagner
Organisation: KIT Department of Architecture
Part of: Construction Technology

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German	3	2

Mandatory			
T-ARCH-107296	Building Services	4 CR	Wagner

Competence Certificate
Oral exam of approx. 20 minutes on the contents of the lectures and exercises.

Prerequisites
none

Competence Goal
The students:

- can name topic foci of the technical building systems that are relevant for building technology as well as energy concepts and can simply describe the basic systems and components as well as their relation to the building.
- are familiar with the most important parameters related to the technical systems of a building and can assess their scale and dimension.
- recognize the effects of various environmental influences on a building as well as the user needs and, from this, they can deduce the requirements needed for technical building systems and can realize this within the overall building concept as well as in further design steps.
- have at their command the relevant planning and calculation tools for the dimensioning of systems and components as well as for the accounting regarding the overall energy needs of a building.
- can interpret their calculation results and deduce measures from these regarding building design, systems‘design and the ongoing work on these. They can recognize interfaces between technical systems and design drafts resp. building construction drafts and can work on and with these.
- are able to discuss the relationship between buildings and the environment in a wider sense, with regard to resources being used and the influences on the environment.

Content
This module teaches the basics of Technical Building Systems to the students in an architectural suitable manner. In lectures and tutorials the questions being dealt with are those focusing on energy concepts and energy supply, heating and ventilation technology, drinking water supply and building drainage, cooling/air condition, lighting technology, electrical planning as well as installation planning and execution. In addition to the clarification of the functions of the respective technical systems and their components as well as relevant parameters, the practical application of the subject matter for the design drafts is in the foreground. For this methods and calculation tools for the dimensioning of systems and components as well as for the accounting for the overall energy needs of a building are introduced. In tutorials the dimensioning of systems and components of technical building engineering is practiced as well as the conceptual designing of various technical systems in the context of building design.

Module grade calculation
The module grade is the grade of the oral exam.

Workload
Class attendance: Lectures, tutorials 60 h

Independent study: preparing/follow-up work, exam preparation, project work 60

Recommendation
Successful completion of the module "Building Physics". Take this concurrently with the module "Studio Material".

M 3.16 Module: Building Survey [M-ARCH-103596]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German	3	1

Mandatory			
T-ARCH-107337	Building Survey	4 CR	Medina Warmburg

Competence Certificate
Other examination requirements consisting of the measurements of a building plus the creation of a planning set, its drawn, graphical drafting and preparation as well as the oral and written/drawn presentation of the recorded observations on the history of its construction and usage during a final colloquium/presentation.

Prerequisites
none

Competence Goal
The students:

- are able to practically apply and sensibly combine various different methods of format-fitting building documentation and can analyze, interpret and present the observed findings.

Content
Producing a building documentation that satisfies all scientific requirements regarding exactness and informative value.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
In-class time: Tutorials 30 h
Self-study: Preparation/follow-up, written paper/project 90 h

Recommendation
Successful completion of the module "Building History 2".

M 3.17 Module: Communication of Architecture and Scientific Methodology [M-ARCH-103565]

Responsible: Prof. Dr. Riklef Rambow
Organisation: KIT Department of Architecture
Part of: Theoretical and Historical Basics

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each summer term	1 term	German	3	1

Mandatory			
T-ARCH-107302	Communication of Architecture and Scientific Methodology	4 CR	Rambow

Competence Certificate
Written exam taking 90 minutes on the contents of the lecture.

Prerequisites
none

Competence Goal
The students:

- know the basic concepts and application areas of Architecture Communication and recognize the significance of communication for the development of high-quality architecture.
- recognize the possibilities and limitations of the most important media of Architecture Communication, can assess their logical usage and can analyze as well as evaluate complex communication strategies.
- can name the most important strategies and methods of working scientifically and can apply these onto simple questions coming from the fields of architecture and urban planning.
- can name and apply important criteria for the quality of research in order to assess relevant research results.
- know the most important scientific and epistemological concepts and are able to apply these in order to develop an independent position on working scientifically within the field of architecture and to back this up with good, sound arguments.

Content
The lecture "Introduction to Architecture Communication" gives an overview of the theoretical basics and application areas of architectural communication. Based on the psychological theory of expert-layperson communication, the significant interfaces of architecture and the public sphere are looked at and are critically discussed. Strategies, formats and media of communication are dealt with and are analyzed as to their suitability for various different target groups and communication contexts.

Current developments in the field of Architecture Communication and the discussion on building culture are presented and categorized based on examples. The lecture "Introduction to Working Scientifically" presents the basics of scientific as well as epistemological theory and shows their significance for working scientifically in the fields of architecture and urban planning. Quality criteria regarding scientific practice are described and are applied in an exemplary manner in order to determine what possibilities and what limitations there are in architecture when it comes to working in a scientific manner. Based on historical and current examples the most important strategies of empirical research are named and reflected on; these include qualitative, correlative, experimental and quasi-experimental strategies. Methods and tools such as questionnaires / surveys, observations and mapping are made very concrete by using examples.

Module grade calculation
The module grade is the grade of the written exam.

Workload
Class attendance: Lectures, tutorials 45 h

Independent study: preparing/follow-up work, exam preparation, project work 75 h

M 3.18 Module: Construction Economics and Project Management [M-ARCH-105813]

Responsible: Hon.-Prof. Kai Fischer
Organisation: KIT Department of Architecture
Part of: Construction Technology

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German	3	1

Mandatory			
T-ARCH-111670	Construction Economics and Project Management	4 CR	Fischer

Competence Certificate
Other examination requirements consisting of a written exam taking all-in-all 60 minutes on the lecture contents as well as the construction-economical composition of the draft project in the module "Studio Order", which is to be worked on and produced during the semester. Working on the design project takes place in the same groups as in the module "Studio Order". The result of the worked out design is a property profile.

Prerequisites
none

Competence Goal
The students:

- know the construction-economic relationship between planning, execution and resource usage.
- are able to realize planning ideas both economically and sustainably.
- have an overview of the entire sector of the construction industry.

Content
In this module the students are taught construction-economical and architectural-legal basics. In the field of construction economics competencies with regard to economical planning and execution of construction projects are further foci. The bandwidth of topics goes from requirements planning at project start to methods during tendering and building execution all the way to practice-oriented instruments for costs planning and property evaluation. The knowledge is applied during the project work.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
Class attendance: Lectures, tutorials 60 h

Independent study: preparing/follow-up work, exam preparation 60 h

Recommendation
Take this concurrently with the module "Studio Order".

M 3.19 Module: History of Architecture and Urban Planning and Building Survey [M-ARCH-105811]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: Theoretical and Historical Basics

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each summer term	1 term	German	3	1

Mandatory			
T-ARCH-111665	History of Architecture and Urban Planning 3	2 CR	Medina Warmburg
T-ARCH-111666	Building Survey	1 CR	Busse
T-BGU-108019	Survey	1 CR	Juretzko

Competence Certificate
Written exam taking 60 minutes on the contents of the lecture "History of Architecture and Urban Development 3", the completed coursework Building Surveying, consisting of the results of the tutorial Structural Recording (group work) in form of plans that portray the inspected object. and the completed coursework Surveying consists of prepared calculation exercises and the handing-in of the worked out survey in the form of plans and tables.

Prerequisites
none

Competence Goal
The students should obtain knowledge and methodological skills in the following areas:

- Architecture and city planning terminology,
- Architectural and urban morphology,
- Historic architectural and urban typology,
- Approaches and methods of historical building and city analysis,
- Architectural and urban historical interpretation models and periodization,
- Historical-critical awareness in dealing with major works of architecture and urban planning from different epochs and cultural areas.
- know the theoretical and practical basics of building survey,
- have basic knowledge about the science of surveying.

Content
The lecture "History of Architecture and Urban Planning 3" addresses the fundamental changes in architecture and the city since the Enlightenment. The focus is on the deep socio-cultural, economic and ecological consequences of industrialization and capitalist production on the modern conceptions of the disciplines of architecture and urban planning. The lecture is accompanied by exercises in which the students get to know and apply the methods of building surveying.

Module grade calculation
The module grade the grade of the written exam.

Workload
Class attendance: Lectures, tutorials 60 h

Independent study: preparing/follow-up work, exam preparation 60 h

M 3.20 Module: History of Architecture and Urban Planning and Urban Development [M-ARCH-105810]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Prof. Markus Neppl
Organisation: KIT Department of Architecture
Part of: Urban- and Landscape Planning from 1.11.2021

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German	2	1

Mandatory			
T-ARCH-111656	History of Architecture and Urban Planning 2	2 CR	Medina Warmburg
T-ARCH-111657	Basic Concepts of Urban Development and Urban Planning	2 CR	Neppl

Competence Certificate
Written exam taking 60 minutes on the contents of the lecture "History of Architecture and Urban Development 2" and an oral examination taking 15 minutes on the lecture "Basic Concepts of Urban Development and Urban Planning".

Prerequisites
none

Competence Goal
The students should obtain knowledge and methodological skills in the following areas:

- Architecture and city planning terminology,
- Architectural and urban morphology,
- Historic architectural and urban typology,
- Approaches and methods of historical building and city analysis,
- Architectural and urban historical interpretation models and periodization,
- Historical-critical awareness in dealing with major works of architecture and urban planning from different epochs and cultural areas.

- can define and classify the basic terms of urban development and urban planning.
- are familiar with the relevant issues and approaches to urban planning projects at different scales.
- have a repertoire of different project examples from different eras.
- know the main features and systematics of formal and informal instruments of urban planning.
- can identify the different groups of actors and the basic conflicts of interest.
- know the basic principles of planning tools for controlling the type and extent of building use.
- know the basics for the design of streets and squares.

Content
The lecture "History of Architecture and Urban Planning 2" is devoted to the development of architecture and the city from the Early Modern Period up to Enlightenment.The focus is on the emergence of scientific design ideas and methods in the Renaissance and Baroque.

The lecture "Basic Concepts of Urban Design and Urban Planning" provides an overview of the current topics and backgrounds of urban development and thus enables an entry into the current debate about the future of our urban lifestyles. In order to be able to make a relevant contribution to these social discussions, the terms necessary for effective communication must be clearly classified and mastered in terms of content.

Module grade calculation
The module grade is the equally weighted grade of the written and oral exam.

Workload
Class attendance: Lectures, tutorials 60 h

Independent study: preparing/follow-up work, exam preparation 60 h

M 3.21 Module: In-depth Surveying for Architects [M-BGU-104002]

Responsible: Dr.-Ing. Manfred Juretzko
Organisation: KIT Department of Civil Engineering, Geo and Environmental Sciences
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	2 terms	German	3	1

Mandatory			
T-BGU-107443	In-depth Surveying for Architects	4 CR	Juretzko

Competence Certificate
Other examination requirements that are made up of the following parts: 3 prepared calculation exercises, participating in 3 practical tutorials, the (drawn) worked out paper on one of the practical exercises as well as producing a (fictional) layout plan for the building planning application.

Prerequisites
none

Competence Goal
The students:
- have in-depth knowledge of the fields surveying techniques as well as building development planning.
- are able to use modern surveying instruments, transferring the survey results into CAD drawings as well as being able to produce a layout for the building development planning in accordance with the legal stipulations for a simple project.

Content
In the foreground there is the practical dealing with and usage of modern electronic tacheometers, the drawing of the survey results as well as the (fictional) production of a layout for the building development planning. In addition, the following is also taught: Introduction to the mathematical basics of the science of surveying, terrestrial laser scanning as well as an overview of the geodetic relation systems and official surveying regulations.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
In-class time: Lectures, tutorials 45 h
Self-study: Preparation/follow-up, written paper/project 75 h

Recommendation
Successful completion of the module "Building History 2".

M 3.22 Module: Key Qualifications [M-ARCH-103602]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: Interdisciplinary Qualifications

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
6	pass/fail	Each term	1 term	German/English	3	4

Mandatory			
T-ARCH-110592	Key Qualifications at the HoC, ZAK or Sprachenzentrum	1 CR	
T-ARCH-107340	Workshop Introduction	1 CR	Heil, Jager, Knipper
Elective Key Qualifications (Election: at most 6 credits)			
T-ARCH-107341	Basic Course in the Study Workshop Photography	4 CR	Seeland
T-ARCH-107342	Basic Course in the Study Workshop Modell	2 CR	Abraham, Heil, Knipper, Neubig
T-ARCH-107703	Internship	4 CR	Architektur
T-ARCH-109970	Visit Lecture Series Bachelor	1 CR	Architektur
T-ARCH-111342	Seminar Week	2 CR	Architektur
T-ARCH-111746	Self Assignment HoC-ZAK-SpZ 1 not graded	2 CR	
T-ARCH-111747	Self Assignment HoC-ZAK-SpZ 2 not graded	2 CR	
T-ARCH-111748	Self Assignment HoC-ZAK-SpZ 3 not graded	2 CR	
T-ARCH-111749	Self Assignment HoC-ZAK-SpZ 4 graded	2 CR	
T-ARCH-111750	Self Assignment HoC-ZAK-SpZ 5 graded	2 CR	
T-ARCH-111751	Self Assignment HoC-ZAK-SpZ 6 graded	2 CR	Architektur

Competence Certificate
The progress monitoring takes place in the form of completed coursework that varies type-wise and scope-wise, depending upon the course taken. If an internship in the building industry is being undertaken, then an internship report having at least 3 pages is to be produced. This should be handed in to the Internship Office of the faculty and needs to include a certification by the company worked at, specifying the contents and the time period of the internship. The progress monitoring of the partial completed coursework "Participation in Lecture Series" consists of the confirmation of having visited at least 15 lectures of the lecture series "Karlsruhe Architecture Lectures", "Lecture Series History of Art" or "Construction History Colloquium" of the KIT Department of Architecture.

Prerequisites
none

Competence Goal
The students:

- know the various different study workshops of the Department of Architecture.
- are able to operate and use the machines and tools that are present there under supervision.
- know the respective safety regulations for the machines and the workshops.
- are able to select the fitting material for their own model and to work on this materially-specific.
- know the specific advantages and disadvantages of the various materials and the techniques used.
- are able to select the fitting material for their own model and to work on this materially-specific respectively being able to select the right method, setting etc. for the object that is to be illustrated.
- have made experience with teamwork, social communication and creativity techniques.
- are able to produce presentations and can apply standard presentation techniques.
- can logically and systematically argue and write.
- can avail of the authority and competence to work in a professional, job-related context.

Content
Within this module various courses are on offer that can be taken in order to gain non-discipline related qualifications.

Mandatory parts:

During the workshop introductory courses the students get to know the study workshops wood, metal, model building and the digital workshop and they get an introduction to dealing with and using the machines present, including a safety briefing. In addition to this, knowledge on the application and working with the various different model building materials is taught. At least one course having 1 credit point within the HoC, ZAK or language courses on offer must be taken. As a rule, within the framework of a studio a course of this nature and scope is usually offered.

Elective parts:

- Basic courses of the study workshops having 2 or 4 credit points

- the entire SQ courses being offered by the HoC, the ZAK as well as the language courses of the Center for Languages. Further information on the different institutions can be found in the KIT course catalogue.

- Construction internship within the key building industry sector encompassing 120 hours of work time (3 weeks full-time work), 4 credit points

- Visiting lectures of the lecture series of the KIT Faculty of Architecture encompassing 30 hours (15 lectures), 1 credit point

Module grade calculation
not graded

Annotation
Interdisciplinary qualifications (IQ) completed at the House-of-Competence (HoC),
at the Zentrum für Angewandte Kulturwissenschaften (ZAK) or at the Sprachenzentrum (SpZ)
can be assigned in self-service.
First, select a partial accomplishment named "self-assignment" in your study schedule
and second, assign an IQ-achievement via the tab "IQ achievements".

Workload
In-class time: according to offer
Self-study: according to offer

M 3.23 Module: Law for Architects and Construction Planning Law [M-ARCH-105814]

Responsible: Helmut Ebersbach
Hon.-Prof. Dr. Jörg Menzel
Organisation: KIT Department of Architecture
Part of: Urban- and Landscape Planning from 1.11.2021

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each summer term	1 term	German	2	1

Mandatory			
T-ARCH-111669	Law for Architects and Construction Planning Law	4 CR	Ebersbach, Menzel

Competence Certificate
Written exam lasting 120 minutes.

Prerequisites
none

Competence Goal
The students:

- know the basics regarding the relationship of professional and civil law which architects are confronted with in their profession and on construction sites.
- understand the structure and contents of legal regulations (spatial planning laws, building planning and general building laws) and are able to read the corresponding plans and assess the admissibility of planned proposals or projects.
- know the legal stipulations on accessibility, fire protection, etc.

Content
In the area of architectural law the topics are the practice-oriented dealing with building and architect contracts with VOB (German Construction Contract Procedures) and HOAI (German Fee Regulations for Object Planners, Architects and Engineers) as well as entrepreneurial tasks when working professionally as an architect, including architectural copyright laws, professional liability insurance, architectural competitions, etc.

Basic knowledge on public building planning and building laws (federal as well as state regulations) is taught. The methods of the application of laws is also learned (e.g. reading spatial plans, zoning and land usage / development plans).

Module grade calculation
The module grade is the grade of the written exam.

Workload
Class attendance: Lectures, tutorials 60 h

Independent study: preparing/follow-up work, exam preparation, project work 60 h

M 3.24 Module: Methodicial and Technical Planning Tools [M-ARCH-103589]

Responsible: Prof. Dr.-Ing. Petra von Both
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German	3	1

Mandatory			
T-ARCH-107329	Methodicial and Technical Planning Tools	4 CR	von Both

Competence Certificate
Other examination requirements consisting of a written/planned composition and a 15-minute presentation with a discussion of the results.

Competence Goal
The students:

- have a basic understanding of system-oriented, holistic thought processes as well as knowledge of the basics of integral planning.
- know select planning-supportive methods and/or IT-based techniques for various different processes within a planning process.
- are able to critically reflect on, assess and apply (problem-based) the methods and technical tools introduced in the course.

Content
This module teaches students the theoretical basics and practical aspects of planning methodics. In addition to the general fundamentals, terms and approaches of construction methodics as well as systems engineering, the construction-specific aspects of integral planning are also focused on. Building on this, select planning-supportive methods and/or IT-supported techniques for various different processes during the course of planning a project are dealt with.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
In-class time: Seminar 30 h

Self-study components: preparing/follow-up work, project work 90 h

M 3.25 Module: Module Bachelor's Thesis [M-ARCH-103546]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: Bachelor's Thesis

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
12	Grade to a tenth	Each term	1 term	German	3	1

Mandatory			
T-ARCH-107248	Bachelor's Thesis	12 CR	Frohn, Hartmann, Morger, Wappner

Competence Certificate
The bachelor's thesis is comprised of the architectural design assessments and examinations that a student undertakes during the semester. Working on the design task takes place on an individual basis and regular supervisory phases respectively corrective measures take place. The progress monitoring takes place during one's studies within the framework of one to two intermediate milestone presentations and one final one. Here the worked out results are presented in the form of drawings, models, texts and presentations and these are then graded. The duration of each presentation is approx. 20 minutes per person.

Prerequisites
The prerequisite for being admitted to the module bachelor's thesis is that the student has successfully completed

1. the subject "Design",

2. the subject "Integral Design" and

3. additional module exams amounting to 76 credit points.

Modeled Conditions
The following conditions have to be fulfilled:

1. You need to have earned at least 76 credits in the following fields:
    - Construction Technology
    - Designing and Representing
    - Urban- and Landscape Planning from 1.10.2016
    - Urban- and Landscape Planning from 1.11.2021
    - Theoretical and Historical Basics
    - Interdisciplinary Qualifications
    - Specialization
2. The field Designing must have been passed.
3. The field Integral Designing must have been passed.

Competence Goal
The students:

- can implement the scientific, design-oriented, constructive-technical, theoretical-historical, urban planning, organizational and draft-related methods that they have acquired during their studies in a targeted manner in order to work on complex architectural design tasks.
- can analyze and reflect their design draft regarding the social, cultural and technological context, can work out variants during the design process and can compare as well as evaluate these.
- are able to work out the necessary detail level depending on the task assigned as well as being able to portray and visualize this.
- can talk about their work in front of an audience and present this as well as being able to answer examiners' questions on the presented work in a substantive and comprehensive manner.

Content
The bachelor’s thesis should encompass all of the competencies acquired during one’s entire bachelor’s study course and represent these within a final architectural design. It should also prove that the students are qualified to now work professionally or to take up a master’s study course in Architecture. Within the framework of the bachelor’s thesis the students independently develop an architectural design and within a set timeframe, based on scientific, design-oriented, constructive-technical, theoretical-historical, urban planning, organizational and draft-related methods. The time allotted for working on this as well as presenting the final result is set in accordance with the schedule made by the examination board. This time schedule, uniform for all students, is handed out together with the bachelor’s thesis.

With a mandatory excursion.

Module grade calculation
The module grade is the grade of the bachelor’s thesis.

Annotation
For the bachelor’s thesis there are topics available every semester. The examination board defines an examiner and a second examiner for every single topic. The assignment of the topics for the students takes places in accordance with a set allocation procedure.

Workload
In-class time: Supervision/presentations 60 h

Self-study components: Development of an architectural design 300 h

M 3.26 Module: Principles of Building Studies and Design [M-ARCH-103572]

Responsible: Prof. Meinrad Morger
Organisation: KIT Department of Architecture
Part of: Urban- and Landscape Planning from 1.11.2021

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each summer term	1 term	German	2	2

Mandatory			
T-ARCH-107309	Principles of Building Studies and Design	4 CR	Morger
T-ARCH-109233	Principles of Building Studies and Design - Practical Course	0 CR	Morger

Competence Certificate
Written exam lasting approx. 60 minutes on the contents of the lecture. Requirement for the exam application is having passed the completed coursework "Basics of Building Theory – Tutorial". This consists of several tutorials connected to the lecture contents which need to be taken during the semester.

Prerequisites
none

Competence Goal
The students:

- have gained basic knowledge based on selected projects and references.
- are able to identify and work out the most important principles regarding context, typology, structure and space.
- can independently work on exercises based on the insights they gained from the lecture and during self-study and are able to realize these design-wise.

Content
A typological look at architecture requires a series of lectures that presents various different buildings within a "collected series of lectures". A willful categorization of these buildings usually takes place against the backdrop of functional and programmatic requirements. Ordering according to usage comes about and the buildings can be thematically looked at and examined in accordance to their genre. An important feature when dealing with this topic is how these buildings have evolved over time and how certain building types have disappeared, this including the framework that lead to this or have led to this in the past. What is often swept under the carpet are hybrid application usages, contextual relationships and a usage-open architecture – these all being of great relevance when it comes to a complete teaching of Building Theory. These influence respectively mutate the "pure types". Due to this, a basic understanding of architecture is being created. The tutorials go more in-depth regarding the topics of the lectures.

Module grade calculation
The module grade is the grade of the written exam.

Annotation
With a mandatory excursion.

Workload
Class attendance: Lectures, tutorials 30 h

Independent study: preparing/follow-up work, exam preparation, project work 90 h

M 3.27 Module: Selected Topics of Accessibility [M-ARCH-106573]

Responsible: Prof. Dr. Caroline Karmann
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation) (Usage from 10/1/2023)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German/English	3	1

Mandatory			
T-ARCH-113245	Selected Topics of Accessibility	4 CR	Karmann

Competence Certificate
Examination of another type in the form of project presentations.

Competence Goal
The students:

- experienced by themselves some of the challenges that people with disabilities may face in using spaces, by wearing/using special equipments (for example ageing-simulation clothes, or glasses that limit vision) while visiting built spaces
- have learned and tested design strategies that allow for greater accessibility, taking into account normative requirements and common sense regarding the ergonomics of spaces
- are able to analyze and optimize the accessibility of a project, and produce a technical report on the accessibility of spaces through schematic and working drawings
- can critically reflect on barrier-free architectural design and the systemic lack thereof
- habe explored the role of assistive technology as a driver for inclusion and spatial independance

Content
This course provides undergraduate and graduate students with an exploration of (in)accessibility through the usage of spaces through special equipment aimed at reducing one's freedom of movement. Supplemented by normative guidance, precedents on universal design, and readings on inclusion, this course aims to provide a comprehensive introduction to accessibility and a critical examination of the design of spaces that often remain exclusive. This course is structured around analysis and design projects. As part of this course, a trip to Hamburg is planned to see exhibitions of Dialogue Special Entreprise.

Module grade calculation
The module grade is the grade of the examination rof another type.

Annotation
if necessary with compulsory excursion

Workload
In-class time: Lecture, Exercises 60 h

Self-study: Course preparation/follow-up, Design-journal, Project work 60 h

M 3.28 Module: Selected Topics of Architectural Theory [M-ARCH-103584]

Responsible: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German	3	1

Mandatory			
T-ARCH-107324	Selected Topics of Architectural Theory	4 CR	Meister

Competence Certificate
Other examination requirements consisting of an oral test (qualified discussion contributions, oral presentation or an oral exam lasting for about 15 minutes) and a written paper respectively one's own independent research work whose scope and form is dependent on the respective task assigned

Prerequisites
none

Competence Goal
The students:

- are able to analyze a specific subarea of architectural theory in a systematic and differentiated manner.
- are capable of tackling a topic, given or self-chosen, in the sense of "discursive practice" and are able to assess it using current architectural practice. They know the needed architectural vocabulary and with the aid of this they can represent their views in a differentiated and easily comprehensible manner when involved in an interdisciplinary communicative exchange.
- have the ability to work out and interpret key content in architectural theory texts.
- can write an independent text in accordance with the methods of working scientifically. Due to their work in research groups their team skills are well trained.

Content
In the module "Select Areas of the Theory of Architecture" subareas of architectural theory are dealt with. In the foreground there are basic questions focusing on the current and future state of the built-up environment. Interdisciplinary references to philosophy, cultural studies, the history of science and technology as well as current political and social conditions are a focal point.

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
With excursion.

Workload
In-class time: Seminar 30 h

Self-study components: preparing/follow-up work, project work 90 h

Recommendation
Successful completion of the module "Theory of Architecture 1" and "Theory of Architecture 2".

M 3.29 Module: Selected Topics of Art History [M-ARCH-103594]

Responsible: Prof. Dr. Oliver Jehle
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German	3	1

Mandatory			
T-ARCH-107335	Selected Topics of Art History	4 CR	Jehle

Competence Certificate
Other examination requirements consisting of an oral test (qualified discussion contributions, oral presentation or an oral exam lasting for about 15 minutes) and a written paper of about 15 pages.

Prerequisites
none

Competence Goal
The students:

- are able to analyze a selected art-historical topic in a proper scientific manner and are able to present their work results within the framework of a presentation and a discussion

Content
Taught and learned is basic knowledge on a selected topic in Art History of the Middle Ages, the Early Modern Period or the Modern Era.

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
In this module there are several courses available every semester with changing topics.

Workload
In-class time: Seminar 30 h
Self-study: Preparation/follow-up, written paper/project 90 h

Recommendation
Taking at least one lecture in "History of Art".

M 3.30 Module: Selected Topics of Building History [M-ARCH-103595]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German	3	1

Mandatory			
T-ARCH-107336	Selected Topics of Building History	4 CR	Medina Warmburg

Competence Certificate
Other examination requirements consisting of an oral presentation of about 30 minutes as well as the written worked-out paper on this topic. There are certain courses where the examination requirement is project work consisting of a drawing of the given task.

Prerequisites
none

Competence Goal
The students:

- are capable of undertaking research, can study academic literature and sources as well as being able to work in a scientific manner.
- can work on a historical construction-focused single topic within the framework of a larger thematic complex.
- are able to present the results that they have worked out regarding a historical construction-focused topic in an oral, written and drawing form.

Content
Working on a historical construction-focused single topic within the framework of a given topic. Introduction to working scientifically.

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
In this module several courses with changing topics are offered every semester.

Workload
In-class time: Seminar 30 h
Self-study: Preparation/follow-up, written paper/project 90 h

M 3.31 Module: Selected Topics of Building History 2 [M-ARCH-105564]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German	3	1

Mandatory			
T-ARCH-111168	Selected Topics of Building History 2	4 CR	Medina Warmburg

Competence Certificate
Other examination requirements consisting of an oral presentation of about 30 minutes as well as the written worked-out paper on this topic. There are certain courses where the examination requirement is project work consisting of a drawing of the given task.

Prerequisites
none

Competence Goal
The students:

- are capable of undertaking research, can study academic literature and sources as well as being able to work in a scientific manner.
- can work on a historical construction-focused single topic within the framework of a larger thematic complex.
- are able to present the results that they have worked out regarding a historical construction-focused topic in an oral, written and drawing form.

Content
Working on a historical construction-focused single topic within the framework of a given topic. Introduction to working scientifically.

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
In this module several courses with changing topics are offered every semester.

Workload
In-class time: Seminar 30 h
Self-study: Preparation/follow-up, written paper/project 90 h

M 3.32 Module: Selected Topics of Building Physics [M-ARCH-103592]

Responsible: Dr.-Ing. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German	3	2

Selected Topics of Building Physics (Election: at least 4 credits)			
T-ARCH-110400	Basics Sound Insulation	2 CR	Wagner
T-ARCH-110401	Basics of Fire Protection	2 CR	Wagner
T-ARCH-110402	Basics of Planning Energy-Efficient Buildings	2 CR	Wagner
T-ARCH-110403	Basics of Lighting Technology	2 CR	Wagner

Competence Certificate
Two oral exams of 15 minutes each on the contents of selected courses.

Prerequisites
none

Competence Goal
Basics of Lighting Technology:

The students:

- understand the relationship between the characteristics of various different light sources and human perception of these as well as health aspects. From this they can deduce the requirements needed for a lighting concept for certain building usages.
- know the relevant design concepts, strategies and technologies for lighting and illumination of interior and exterior areas and can explain the physical respective technical background to these.
- are familiar with the most important parameters and features for the assessment of lighting concepts for different types of buildings.
- can identify approaches of how to realize the lighting and illumination-relevant requirements within the design whilst taking into account the learned concepts, strategies and technologies.

Basics of Sound Insulation:
The students:

- know the relevant design and construction principles, materials and technologies needed in order to fulfill sound insulation and soundproofing requirements and can explain the physical respective background to this. The same is valid for the basics of spatial acoustics.
- are familiar with the most important parameters and stipulations for the sound insulation of various different building types; they can recognize possible sources of sound respectively noise and based on this they can deduce requirements regarding the sound insulation when it comes to different types of buildings and their usage.
- can identify approaches of how to realize the technical sound insulation and sound proofing requirements in both the design and building construction phases as well as being able to realize this with technical systems by taking into account the measures learned during the course.

Basics of Fire Protection:

The students:

- know the relevant design and construction principles, materials and technologies for the fulfillment of fire protection regulations and can explain the physical respectively the technical background to these.
- recognize possible causes for sources and the spread of fires and can deduce from these requirements for fire protection for various different building usages. They are familiar with the most important parameters and stipulations for fire protection for different building types.
- can identify approaches of how to realize the technical fire protection requirements in both the design and building construction phases as well as being able to realize this with technical systems by taking into account the measures learned during the course.

Basics of Planning Energy-Efficient Buildings:
The students:

- know the various different concepts and technologies of energy-efficient building as well as their parameters and are able to understand what influence they have and what their effects are on the performance of a building.
- from this can deduce relationships between the design of buildings and the construction of building components as well as being able to recognize integral approaches for target fulfillment.
- are able to assess energy-efficient building concepts and are able to classify these within the context of the existing building stock.

Content
This module teaches students an overview of the four important areas of building physics:

The lecture **Lighting Technology** deals with physical and physiological basics, questions of perception, basic lighting technology terminology, daylight usage, sources of artificial light and lighting control systems as well as calculation and simulation processes.

The lecture **Fire Protection** deals with building material and component characteristics as well as their technical fire protection classification, systems of fire detection technology, sprinkler systems and smoke/heat extraction, smoke and fire compartments, emergency exits as well as fire protection concepts.

The lecture **Energy-Efficient Buildings** deals with concepts and technologies regarding the topics thermal insulation, solar buildings, passive cooling as well as energy power supply based on renewable energies.

In all four lectures, in addition to the teachings of the basics based on practical examples, extensive constructive and design-based aspects related to the various different topics are discussed. Excursions supplement the respective courses on offer.

Module grade calculation
The module grade is the grade of the oral exams.

Annotation
With a mandatory excursion.

Workload
Class attendance: Lectures, tutorials 60 h

Independent study: preparing/follow-up work, exam preparation, project work 60 h

Recommendation
The successful participation in the modules "Building Physics" and "Technical Building Equipment".

M 3.33 Module: Selected Topics of Building Technology [M-ARCH-103587]

Responsible: TT-Prof. Moritz Dörstelmann
Prof.Dipl.-Ing. Dirk Hebel
Prof. Dr. Caroline Karmann
Prof. Andrea Klinge
Prof. Dr.-Ing. Riccardo La Magna
Prof. Dr.-Ing. Petra von Both
Prof. Andreas Wagner
Prof. Dr.-Ing. Rosemarie Wagner
Prof. Ludwig Wappner

Organisation: KIT Department of Architecture

Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Irregular	1 term	German	3	1

Mandatory			
T-ARCH-107327	Selected Topics of Building Technology	4 CR	Dörstelmann, Hebel, Karmann, Klinge, La Magna, von Both, Wagner, Wagner, Wappner

Competence Certificate
Other examination requirements consisting of a seminar paper in written and/or drawn form of maximum 20 pages and a presentation or an oral talk taking maximum 20 minutes.

Prerequisites
none

Competence Goal
The students:

- have a well-founded vocabulary of building-technological and specialized terminology at their disposal.
- can work on building-technological tasks and questions within a design context.
- are able to consequently adjust their method of working based on manifold and partially contradictory influencing factors such as materials, function, design etc. within the framework of a structured working process.
- are able to select and apply suitable tools for the respective steps within the work process.

Content
The focus content-wise is on the building-technical work on a certain topic. Hereby questions dealing with the fields of building construction, sustainable building, methods of design, structural support planning, material science, the history of building technology, building technology, building physics, technical equipment and extensions or the building lifecycle management are worked on.

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
Only one of the courses on offer can be chosen. The individual courses are only offered on an irregular basis. The respective offers and their topics are listed in the course catalog.

Workload
In-class time: Seminar 45 h

Self-study components: preparing/follow-up work, project work 75 h

M 3.34 Module: Selected Topics of Building Technology [M-ARCH-103591]

Responsible: Prof. Dr.-Ing. Rosemarie Wagner
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German	3	1

Mandatory			
T-ARCH-107332	Selected Topics of Building Technology	4 CR	Wagner

Competence Certificate
Other examination requirements consisting of a presentation of the design in plans, building a model to a large scale and a written worked-out paper on the practical tutorials; in this a relationship to the design task must be presented.

Prerequisites
none

Competence Goal
The students:

- can describe the dependencies of a spatial building envelope that consists of building materials, the supporting structure, the physical building and functional requirements as well as the production. All of this has to be related to the formal aspects regarding buildings.
- can apply simple experimental and numerical methods for the development of curved forms.
- can explain the requirements that come about regarding the design of building envelopes.
- can analyze the costs for the production of simple building envelopes based on selected building materials, joining techniques and construction methods.

Content
This module teaches students the theoretical and practical aspects of construction methods for spatially curved building envelopes. Building envelopes made up of various different building materials are dealt with. The module gives an overview on the dependencies of the forms and shapes to building materials, construction methods, supporting structures and building physics. Knowledge is imparted so that students are able to analyze designs that include free forms.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
In-class time: Seminar 45 h
Self-study: Preparation/follow-up, written paper/project 75 h

M 3.35 Module: Selected Topics of Comfort and Resilience [M-ARCH-106574]

Responsible: Prof. Dr. Caroline Karmann
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation) (Usage from 10/1/2023)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German/English	3	1

Mandatory			
T-ARCH-113246	Selected Topics of Comfort and Resilience	4 CR	Karmann

Competence Certificate
Examination of another type in the form of project presentations.

Competence Goal
The students:

- understand the basics of a good daylight design and ar able to integrate visual comfort of spaces into the architectural design process
- can analyze and optimize a project for visual comfort using a combination of qualitative and quantitative methods
- are able to evaluate daylight penetration in a space using building performance simulation tools
- can synthesize their design intentions in the form of schematic diagrams
- can think critically about visual comfort (e.g., what are the important variables to account for when it goes to daylight penetration and access to view out? what can be verified via common daylight metrics?)

Content
This course provides students with an in-depth introduction to solar geometry, daylight in buildings, visual comfort and view out. The non-image forming effect of light on our health and the challenges of visual impairment and will also be addressed. While rooted in architectural design, this course will draw on fundamentals of physics, ophthalmology, chronobiology and environmental psychology in order to better understand what is meant by visual well-being in spaces. This course is based on various analysis and design methods, such as scale models, real-world measurements and computer simulation. It is structured around analysis and design projects.

Module grade calculation
The module grade is the grade of the examination rof another type.

Annotation
if necessary with compulsory excursion

Workload
In-class time: Lecture, Exercises 60 h

Self-study: Course preparation/follow-up, Design-journal, Project work 60 h

M 3.36 Module: Selected Topics of Communication in Architecture [M-ARCH-103586]

Responsible: Prof. Dr. Riklef Rambow
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German	3	1

Mandatory			
T-ARCH-107326	Selected Topics of Communication in Architecture	4 CR	Rambow

Competence Certificate
Other examination requirements consisting of a presentation/oral report taking 30 minutes and a written paper of max. 20 pages.

Prerequisites
none

Competence Goal
The students:

- can select in a targeted manner and design visual as well as verbal presentation media in order to be able to make their design thoughts and ideas easily understandable and to communicate these in a convincing manner.
- know what a narrative structure is, what types of structures there are and how they can optimally exploit their rhetorical potential in order to be able to convince a variety of target audiences.
- recognize important performative aspects regarding the presentation of designs, being also able to analyze and evaluate these. They can produce and formulate a script for their own, independent presentation.
- can work in a self-organized and reflected manner, they have organizational competencies at their disposal as well as the social competence to give and to receive critical feedback.

Content
The course's focus is on the successful teaching and understanding of the qualities of architectural designs. Based on communication-psychological and rhetorical approaches it is demonstrated how a customized, argumentatively consistent strategy for portrayals and presentations can be developed and realized in a convincing manner using media tools. Visual formats such as sketches, various different forms of plans, photos and perspectives are critically discussed and tested as well as optimized as to their communicative limits and possibilities. Through practical application with written and oral feedback techniques basic communication skills are systematically trained.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
In-class time: Seminar 30 h
Self-study: Preparation/follow-up, written paper/project 90 h

Recommendation
Successful participation in the module "Architecture Communication and Working Scientifically".

M 3.37 Module: Selected Topics of Digital Design and Fabrication [M-ARCH-105818]

Responsible: TT-Prof. Moritz Dörstelmann
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German/English	3	1

Mandatory			
T-ARCH-111674	Selected Topics of Digital Design and Fabrication	4 CR	Dörstelmann

Competence Certificate
Other examination requirements based on a final presentation.

Prerequisites
none

Competence Goal
The students:

- have deepened their knowledge of a specific area of digital design and/or production methods
- can apply it in the context of current architectural challenges.

Content
This module provides an introduction to various areas of digital design and/or digital fabrication methods with varying topics.

Module grade calculation
The module grade is the grade of the other examination requirement.

Workload
Class attendance: Lectures, tutorials 60 h

Independent study: preparing/follow-up work, exam preparation, project work 60h

M 3.38 Module: Selected Topics of Environmental Quality and Accessibility [M-ARCH-106129]

Responsible: Prof. Dr. Caroline Karmann
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation) (Usage between 10/1/2022 and 10/1/2022)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German/English	3	1

Mandatory			
T-ARCH-112500	Selected Topics of Environmental Quality and Accessibility	4 CR	Karmann

Competence Certificate
Examination of another type in the form of project presentations.

Competence Goal
The students:

- understand the basics of a good daylight design and ar able to integrate visual comfort of spaces into the architectural design process
- can analyze and optimize a project for visual comfort using a combination of qualitative and quantitative methods
- are able to evaluate daylight penetration in a space using building performance simulation tools
- can synthesize their design intentions in the form of schematic diagrams
- can think critically about visual comfort (e.g., what are the important variables to account for when it goes to daylight penetration and access to view out? what can be verified via common daylight metrics?)

or

- experienced by themselves some of the challenges that people with disabilities may face in using spaces, by wearing/using special equipments (for example ageing-simulation clothes, or glasses that limit vision) while visiting built spaces
- have learned and tested design strategies that allow for greater accessibility, taking into account normative requirements and common sense regarding the ergonomics of spaces
- are able to analyze and optimize the accessibility of a project, and produce a technical report on the accessibility of spaces through schematic and working drawings
- can critically reflect on barrier-free architectural design and the systemic lack thereof
- habe explored the role of assistive technology as a driver for inclusion and spatial independance

Content
In this module it is possible to chose between two courses:

Environmental Quality:

This course provides students with an in-depth introduction to solar geometry, daylight in buildings, visual comfort and view out. The non-image forming effect of light on our health and the challenges of visual impairment and will also be addressed. While rooted in architectural design, this course will draw on fundamentals of physics, ophthalmology, chronobiology and environmental psychology in order to better understand what is meant by visual well-being in spaces. This course is based on various analysis and design methods, such as scale models, real-world measurements and computer simulation. It is structured around analysis and design projects.

Accessibility:

This course provides undergraduate and graduate students with an exploration of (in)accessibility through the usage of spaces through special equipment aimed at reducing one's freedom of movement. Supplemented by normative guidance, precedents on universal design, and readings on inclusion, this course aims to provide a comprehensive introduction to accessibility and a critical examination of the design of spaces that often remain exclusive. This course is structured around analysis and design projects. As part of this course, a trip to Hamburg is planned to see exhibitions of Dialogue Special Entreprise.

Module grade calculation
The module grade is the grade of the examination rof another type.

Annotation
if necessary with compulsory excursion

Workload
In-class time: Lecture, Exercises 60 h

Self-study: Course preparation/follow-up, Design-journal, Project work 60 h

M 3.39 Module: Selected Topics of Fine Art 1 [M-ARCH-103582]

Responsible: Prof. Stephen Craig
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German	3	1

Mandatory			
T-ARCH-107322	Selected Topics of Fine Art 1	4 CR	Craig

Competence Certificate
Other examination requirements consisting of handing in and presenting the semester works produced during the semester (scope, number and type vary according to the topic).

Prerequisites
none

Competence Goal
The students:

- can apply drawing techniques.
- are able to record the proportions and the layout of an object and are able to translate this in a drawn atmospheric image composition.
- have developed creative potential as well as having sharpened their own personal perceptive skills.
- are able to conceptually work out a topic with the aim of postulating their own thesis and to realize this whilst working freely on a project.
- can critically assess and question as well as being able to come up with comparative deductions.
- are able to select the right means and forms for their statements and produced work.

Content
In this module changing topics in various forms of expression as, for example, (nude) drawing, plastic and sculptural design, book design etc. are all taught. At the beginning observing, perceiving and targeted questioning of that what one is focusing on as well as intensively dealing with the topic all build the fundamentals for the design process as a whole. The insights gained are analyzed, interpreted and formulated into an own statement. After the students have found their topic, their concept, they can then realize this by working freely.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
In-class time: Seminar / Tutorials 45 h

Self-study components: preparing/follow-up work, project work 75 h

Recommendation
Successful completion of the module "Visual and Sculptural Design".

M 3.40 Module: Selected Topics of Fine Art 2 [M-ARCH-103583]

Responsible: Prof. Stephen Craig
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German/English	3	1

Mandatory			
T-ARCH-107323	Selected Topics of Fine Art 2	4 CR	Craig

Competence Certificate
Other examination requirements consisting of handing in and presenting the semester works produced during the semester (scope, number and type vary according to the topic). Mandatory and a prerequisite is the regular participation in class.

Competence Goal
The students:

- can apply drawing techniques.
- are able to record the proportions and the layout of an object and are able to translate this in a drawn atmospheric image composition.
- have developed creative potential as well as having sharpened their own personal perceptive skills.
- are able to conceptually work out a topic with the aim of postulating their own thesis and to realize this whilst working freely on a project.
- can critically assess and question as well as being able to come up with comparative deductions.
- are able to select the right means and forms for their statements and produced work.

Content
In this module changing topics in various forms of expression as, for example, (nude) drawing, plastic and sculptural design, book design etc. are all taught. At the beginning observing, perceiving and targeted questioning of that what one is focusing on as well as intensively dealing with the topic all build the fundamentals for the design process as a whole. The insights gained are analyzed, interpreted and formulated into an own statement. After the students have found their topic, their concept, they can then realize this by working freely.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
In-class time: Seminar / Tutorials 45 h

Self-study components: preparing/follow-up work, project work 75 h

Recommendation
Successful completion of the module "Visual and Sculptural Design".

M 3.41 Module: Selected Topics of Structural Analysis [M-ARCH-106127]

Responsible: Dr. Anette Busse
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German	3	1

Mandatory			
T-ARCH-112498	Selected Topics of Structural Analysis	4 CR	Busse

Competence Certificate
Other examination requirements consisting of a term paper with a written and a drawing part in accordance with the layout requirements, 6-10 pages DIN B 4.

Prerequisites
none

Competence Goal
The students:

- can undertake research on a chosen project.
- are able to use and work with secondary sources and, if necessary, also primary sources.
- are capable of analyzing a built project as well as being able to comprehend, clearly portray and visualize the design, the constructive execution and the materialization of the project.
- can assess and categorize projects with a view to architectural concepts and constructive realization.

Content
The module allows the participating students to intensively deal with a realized project that is selected in a coordinated manner. After an intensive research and analysis period, the design and construction are drawn in a comprehensive manner. The results are recorded and summarized in a documentation which includes illustrations and text. Here the students portray the relationship between design idea and the actual material-based, constructive realization of the project.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
In-class time: Supervision 5 h
Self-study: Project work 115 h

M 3.42 Module: Selected Topics of Structural Design [M-ARCH-104513]

Responsible: Prof. Dr.-Ing. Riccardo La Magna
Prof. Dr.-Ing. Rosemarie Wagner
Organisation: KIT Department of Architecture

Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German	3	1

Mandatory			
T-ARCH-109243	Selected Topics of Structural Design	4 CR	La Magna, Wagner

Competence Certificate
Other examination requirements consisting of seminar papers in written and/or drawn form encompassing a maximum of 20 pages and a presentation or an oral talk lasting a maximum of 20 minutes.

Prerequisites
none

Competence Goal
The students:

- have the vocabulary of the terminology of load-bearing and supporting structures at their command.
- can grasp and record structures and subcategorize these into partial supporting structures.
- are able to analyze and realize different topics in a support structure planning way.
- can integrate this knowledge in one's own design process and be able to draft and design load-bearing support structures.

Content
Based on the basic knowledge gained from the mandatory courses in the field of support structure planning, these are gone into in-depth and applied by working on a topic in a supporting structure planning way. The necessary skills for in-depth design methods of supporting structure planning are also taught.

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
Maybe with a mandatory excursion.

Workload
In-class time: Seminar 45 h
Self-study: Preparation/follow-up, written paper/project 75 h

M 3.43 Module: Selected Topics of Sustainability [M-ARCH-103684]

Responsible: Prof.Dipl.-Ing. Dirk Hebel
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each summer term	1 term	German	3	1

Mandatory			
T-ARCH-107426	Selected Topics of Sustainability	4 CR	Hebel

Competence Certificate
Other examination requirements consisting of a worked out, written paper of a self-chosen topic within the framework of the seminar, having coordinated this with the lecturer beforehand.

Prerequisites
none

Competence Goal
The students:

- understand the influence and effects of the usage of extracted and extended resources and raw materials in the construction industry.
- are able to understand and independently assess the complete lifecycle of a building product with regard to its sustainability.
- are capable of applying their knowledge for the usage, and eventually (if there is interest), for the research and invention of new and alternative building materials.

Content
In the wake of industrialization our construction industry has focused more and more on mineral-related, finite material sources that are invariably coming to an end due to the intensive extraction of these. The 21st century is now allowing a paradigm change to take place: A reorientation from extraction to extension as well as a full reusage of our material resources. This requires the (re)discovery, research and development of alternative building materials and a transition in their industrial application. The aim of the joint seminar work which includes lectures, discussions, oral presentations, experiments as well as a final written paper is to highlight the potential and application possibilities of such alternative building materials within a sustainable, industrialized construction industry.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
In-class time: Seminar 30 h

Self-study components: preparing/follow-up work, project work 90 h

M 3.44 Module: Selected Topics of Urban Design [M-ARCH-103593]

Responsible: Prof. Henri Bava
Prof. Dr.-Ing. Barbara Engel
Prof. Christian Inderbitzin
Prof. Markus Neppl

Organisation: KIT Department of Architecture

Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German/English	3	1

Mandatory			
T-ARCH-107334	Selected Topics of Urban Design	4 CR	Bava, Engel, Inderbitzin, Neppl

Competence Certificate
Other examination requirements consisting of a term paper in written and/or drawn form to the scope of maximum 20 pages and a presentation or an oral talk of maximum 20 minutes duration.

Prerequisites
none

Competence Goal
The students:

- can avail of a well-founded vocabulary when it comes to urban development/planning and discipline-specific terminology.
- are able to structure and portray manifold and partially contradictory urban development or landscape planning problems and themes.
- have basic knowledge of how to work scientifically and are able to work out their own positions on the topic. They can present this discipline-specific knowledge in a fitting manner and form.

Content
The contents of the module are working on an urban development topic. Hereby questions from the fields of city district planning, international urban development, landscape architecture or regional planning are worked on.

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
The individual courses are on offer only on an irregular basis. The respective courses on offer as well as the topics are listed in the course catalogue.

Workload
In-class time: Seminar 45 h

Self-study components: preparing/follow-up work, project work 75 h

M 3.45 Module: Selected Topics of Urban Design - Workshop [M-ARCH-103811]

Responsible: Prof. Henri Bava
Prof. Dr.-Ing. Barbara Engel
Prof. Christian Inderbitzin
Prof. Markus Neppl

Organisation: KIT Department of Architecture

Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Irregular	1 term	German/English	3	1

Mandatory			
T-ARCH-107697	Selected Topics of Urban Design - Workshop	4 CR	Bava, Engel, Inderbitzin, Neppl

Competence Certificate
Other examination requirements consisting of a term paper in written and/or drawn form to the scope of maximum 20 pages and a presentation or an oral talk of maximum 20 minutes duration.

Prerequisites
none

Competence Goal
The students:

- can avail of a well-founded vocabulary when it comes to urban development and discipline-specific terminology.
- are able to structure and portray manifold and partially contradictory urban development or landscape planning problems and topics.
- have basic knowledge of how to work scientifically and are able to work out their own positions on a topic. They can present this discipline-specific knowledge in a suitable form.
- can develop their own opinions on urban development questions and can represent these during discussions.

Content
The contents of the module is working on an urban development topic within the framework of, for example, a workshop, a summer university course or an excursion.

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
The individual courses are only offered on an irregular basis. The respective offers and their topics are listed in the course catalog.

Workload
In-class time: Seminar/Workshop/Excursion 90 h
Self-study: Preparation/follow-up, written paper/project 30 h

M 3.46 Module: Selectet Topics of Building Studies and Design [M-ARCH-103577]

Responsible: Prof. Marc Frohn
Prof. Simon Hartmann
Prof. Meinrad Morger

Organisation: KIT Department of Architecture

Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Irregular	1 term	German	3	1

Mandatory			
T-ARCH-107317	Selectet Topics of Building Studies and Design	4 CR	Frohn, Hartmann, Morger

Competence Certificate
Other examination requirements consist, as a rule, of seminar papers in written and/or drawn form to the scope of, as a rule, maximum 40 pages and a presentation or an oral presentation taking maximum 20 minutes as a whole.

Prerequisites
none

Competence Goal
The students:

- can avail of a well-founded vocabulary of the terminology used within design practice and theory.
- can work out, analyze and reflect on architectural spaces within social, cultural and technological contexts.
- are able to thematically describe and analyze their work methodology, based on multifaceted and partially contradictory influencing factors such as context, function, imagery, etc. within the framework of a structured work process.
- are able to select and apply suitable tools for the respective steps within their work processes.

Content
The topic that they will work on is chosen by the students themselves and must be communicated to and coordinated with the teachers. At the start of the semester the students have to produce a short exposé which clearly defines the question/ topic, relevance, aims and ways of approaching the subject matter. During the course of the semester an in-depth analysis and working out of the topic takes place. The content-related focus is on the interaction and analysis with topics having to do with architectural spaces, building planning and building theory. Getting closer to the core issues is done by examining relevant reference projects, various different design approaches and/or design processes as well as dealing with the architectural vocabulary. These should be placed within cultural, social and technological contexts and thematically analyzed.

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
Only one of the four courses can be chosen. The individual courses are on offer at irregular intervals.

Workload
In-class time: Seminar 30 h

Self-study components: preparing/follow-up work, project work 90 h

M 3.47 Module: Seminar Week [M-ARCH-105821]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: Urban- and Landscape Planning from 1.11.2021

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	pass/fail	Each summer term	3 terms	German/English	3	1

Mandatory			
T-ARCH-111677	Seminar Week 1	2 CR	Architektur
T-ARCH-111678	Seminar Week 2	2 CR	Architektur

Competence Certificate
Two completed courseworks each consisting of attendance at one seminar week and completion of the tasks set there.

Prerequisites
none

Competence Goal
Students:

- have expanded their professional knowledge.
- are able to work in teams and contribute to the group with their specific skills and knowledge concerning architecture.
- have deepened their understanding of relationships between the areas of knowledge and life involved in the production and impact of architecture.
- are able to develop solutions for a specific problem in a short time.

Content
Within the framework of the seminar week, various courses are offered as block courses in a special semester week. The offer is aimed at all semesters of the Bachelor's and Master's program. In this way, contacts can be made and learning can take place from one another across all semesters and study programs. The students work on narrowly defined tasks that can be completed within one week and deal with all aspects of architectural theory.

Module grade calculation
not graded

Annotation
Two different Seminar Weeks must be attended and the completed courseworks have to be completed.

With mandatory field trip, if applicable.

Workload
Class attendance: Seminar Week 60-120 h

Independent study: 0-60 h

M 3.48 Module: Static and Strength of Materials [M-ARCH-103555]

Responsible: Prof. Dr.-Ing. Rosemarie Wagner
Organisation: KIT Department of Architecture
Part of: Construction Technology

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each summer term	1 term	German	3	2

Mandatory			
T-ARCH-107292	Static and Strength of Materials	4 CR	Wagner
T-ARCH-109234	Static and Strength of Materials - Practical Course	0 CR	Wagner

Competence Certificate
Written exam taking 300 minutes.

Requirement for the exam application is having passed the coursework "Statics and the Science of Material Strengths - Tutorial". This is made up of several semester-accompanying tutorials that are directly related to the lecture contents.

Prerequisites
none

Competence Goal
The students:

- can analyze simple supporting structures.
- are able to organize the spatial structure of the supporting structures.
- can describe the load carrying and its effects on the supporting structure and are able to portray the hierarchy of the supporting structure within the structure as a whole.
- can bring the structure with its spatial design into context with their own design.
- can explain the interconnections that result from the basics of construction statics when it comes to the measurements of the building components and can apply these onto simple supporting structures.
- can describe the basic laws of building statics and are able to apply these when developing a simple supporting structure.
- are able to communicate with the planners of supporting structures in their technical terminology and know about the theoretical relationships between form-determining sizes of the building components and supporting structures with regard to the internal load.
- are able to undertake simple calculations for a rough estimation of the dimensioning of components and to use the necessary aids for this in a proper, methodical manner.

Content
This module teaches students the theoretical and practical aspects for planning simple supporting structures. The basics of the effects of the transmission of torques and forces onto supporting structures and for building components are dealt with. In this module an overview of the spatial organization of simple supporting structures and the knowledge about the laws of fundamental construction statics for practical application within supporting structures is given. This knowledge is used for the analysis of the supporting structure of the design project in the module Studio Structures in order to describe and illustrate the load-bearing characteristics and the supporting structure itself in one’s own words.

Module grade calculation
The module grade is the grade of the written exam.

Workload
Class attendance: Lectures, tutorials 60 h

Independent study: preparing/follow-up work, exam preparation, project work 60

Recommendation
Take this concurrently with the module "Studio Structure".

M 3.49 Module: Structural Analysis [M-ARCH-103590]

Responsible: Prof. Dr.-Ing. Riccardo La Magna
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each term	1 term	German	3	1

Mandatory			
T-ARCH-107330	Structural Analysis	4 CR	La Magna

Competence Certificate
Other examination requirements consisting of the supporting structure analysis of an existing building that is drawn up during the semester, the presentation of the results in an oral talk of about 20 minutes duration and a written paper of maximum 20 pages. The work takes place in groups of two and regular supervision respectively corrections take place.

Prerequisites
none

Competence Goal
The students:

- can carry out independent research on a building, especially when it comes to the supporting structure of said building.
- are able to analyze and interpret the researched data.
- can portray the analyzed structure in an abstract manner and can clearly explain its functions and operating principles.

Content
In the course existing buildings are looked at regarding their building history, historical background, building typology and construction. A special focus is on the analysis of the supporting load-bearing structure. In every semester a new thematic focus is dealt with.

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
With a mandatory excursion.

Workload
In-class time: Seminar 45 h

Self-study components: preparing/follow-up work, project work 75 h

Recommendation
Successful completion of the module "Structural Design".

M 3.50 Module: Structural Design [M-ARCH-103558]

Responsible: Prof. Dr.-Ing. Riccardo La Magna
Organisation: KIT Department of Architecture
Part of: Construction Technology

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German	3	2

Mandatory			
T-ARCH-107295	Structural Design	4 CR	La Magna
T-ARCH-109235	Structural Design - Practical Course	0 CR	La Magna

Competence Certificate
Written exam taking about 180 minutes on the contents of the lecture.

Requirement for the exam application is having passed the completed coursework "Supporting Structure Design Composition of the Studio Design". This consists of the semester-accompanying structural design composition of the draft project in the module "Studio Material" which is to be worked on and produced during the semester. Working on the design project takes place in the same groups as in the module "Studio Material". In the course of the semester up to three supervisions resp. corrections take place. This part of the progress monitoring occurs during one's studies in the framework of up to two intermediate and one final presentation together with the presentation in the "Studio Material". There the worked out results in the formats drawings, models, texts and presentations are portrayed and evaluated. The presentation duration of the supporting structure design composition is approx. 5 minutes per group.

Prerequisites
none

Competence Goal
The students:

- know the basic terminology of load-bearing constructions and supporting structures.
- have the skills, based on this basic knowledge, to be able to work and successfully cooperate with structural planers and engineers during the design, planning and construction phases.
- are able to analyze the load-bearing capacity and the principles of different types of supporting structures, are able to grasp the different possibilities of the load transfer within a structure and can quickly assess the dimensions and volumes of the different powers at play.
- understand the decisive influence of the specific building material characteristics on the load-bearing capacity and can apply this knowledge in a targeted manner for the fulfillment of stipulated building conditions.
- are able to understand the building design parameters resulting from the choice of building materials used and to be able to roughly estimate the dimensions of individual building elements whilst taking into account the various supporting structures needed.
- know the various supporting structure types and systems with their specific advantages and disadvantages as well as knowing the methods to roughly estimate building elements of these supporting structure systems.
- recognize the relation between load-bearing construction, material selection, building details and architectural design results and being able to grasp the fact that the supporting structure design is an integral part of the design as a whole.
- can apply the knowledge learned for their own studio design drafts, can select various supporting structures with regard to material, function and design/shape and are able to successfully integrate these into their design draft process.

Content
In the module the Science of Supporting Structures both the basic functions and the effects emanating from the various different important supporting structures (physical and technical basics) are taught in addition to, and especially, the significance of the supporting structure design in the architectural design process with a view to form, function, sustainability and design/shape. Based on examples, the different types of supporting structures and their variants regarding features and usage possibilities are presented and analyzed. Basic load-bearing constructions such as one or multiple-field supports, trusses, framework supporting structures, arch or rope constructions but also special types of supporting structures such as reinforced concrete structures, hall structures or modular structures (e.g. prefabricated lightweight construction systems) are discussed. Another topic is the bracing or reinforcing of buildings or even the "construction below zero". Here there is a special emphasis on the influence of material characteristics upon construction and design of building elements and structures; i.e. construction using the proper materials.

Module grade calculation
The module grade is the grade of the written exam.

Workload
Class attendance: Lectures, tutorials 60 h

Independent study: preparing/follow-up work, exam preparation, project work 60

Recommendation
Take this concurrently with the module "Studio Material".

M 3.51 Module: Studio Context [M-ARCH-103550]

Responsible: Prof. Henri Bava
Prof. Dr.-Ing. Barbara Engel
Prof. Markus Neppl

Organisation: KIT Department of Architecture

Part of: Designing

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
10	Grade to a tenth	Each summer term	1 term	German	3	2

Mandatory			
T-ARCH-109961	Design in Studio Context	10 CR	Bava, Engel, Neppl

Competence Certificate
Other examination requirements consisting of design work produced during the semester. Working on the design task takes place in groups of four, there are regular supervisory meetings respectively corrective inputs that take place. The progress monitoring takes place during one's studies within the frame of up to two intermediate and one final presentation. There the worked out results are presented and evaluated in the form of drawings, models, texts and presentations. The time frame for the presentation is approx. 20 minutes per group.

Prerequisites
Successful completion of the module "Studio Material".

Competence Goal
The students:

- can with the aid of various methods analyze, structure and formally describe problems in the field of urban planning design.
- are able to recognize urban planning processes and to independently work on integrative solutions to problems.
- are able to articulate their design ideas orally, in writing, as drawings and as models.
- are able to work in and with a team, are able to organize their work processes in a timely and content-related manner as well as being able to present the work results in an appropriate manner, including presenting to third parties.

Content
Within the project a large-scale design is developed that covers various different scale and size levels all within an urban context. The module also covers having a look at cities and urban areas, landscapes and settlements within their individual contexts. The knowledge and competencies gained in the module "Basics of Urban Planning" are practically applied within the project.

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
Only one of the three courses can be booked. An even distribution of the students for the three courses/professors takes place in accordance with an allocation procedure based on priorities.

With a mandatory excursion.

Workload
In-class time: Supervision/presentations 45 h

Self-study components: Development of an architectural design 225 h

Recommendation
Take this module along with the modules "Basics of Urban Planning", "Principles of Building Studies and Design" and "Urban Developent and Construction Planning Law".

M 3.52 Module: Studio Material [M-ARCH-103549]

Responsible: Prof. Ludwig Wappner
Organisation: KIT Department of Architecture
Part of: Designing

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
10	Grade to a tenth	Each winter term	1 term	German	3	2

Mandatory			
T-ARCH-109960	Design in Studio Material	10 CR	Wappner

Competence Certificate
Other examination requirements consisting of architectural design work produced during the semester. Working on the design task takes place in groups of two, there are regular supervisory meetings respectively corrective inputs that take place. The progress monitoring takes place during one's studies within the frame of up to two intermediate and one final presentation. There the worked out results are presented and evaluated in the form of drawings, models, texts and presentations. The time frame for the presentation is approx. 15 minutes per group.

Prerequisites
Successful completion of the module "Studio Structure".

Modeled Conditions
The following conditions have to be fulfilled:

1. The module M-ARCH-103548 - Studio Structure must have been passed.

Competence Goal
The students:

- can apply methods for the working out and evaluation of alternative solutions for medium complexity design and construction tasks.
- are able to portray various dimensional spaces in both cross-section and layout planning.
- can systematically structure both the shell and the supporting structure.
- are able to plan and evaluate lighting and atmosphere of large spaces.
- can systematically select concepts and optimize these, can work on these in an exemplary manner and make these more precise in a constructive manner with the focus on clarifying what materials should be used.

Content
In this module knowledge about and skills for designing and constructing based on medium complexity tasks from the field of civil engineering are taught. Here the focus is on the clarifying the context, the spatial functional and constructive structure whilst taking into special account the material and system-related structural joining principles. Especially the materialization of the designs is looked at and knowledge about structural design and technical building systems is incorporated.

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
Only one of the three courses can be booked. An even distribution of the students for the three courses/professors takes place in accordance with an allocation procedure based on priorities.

With a mandatory excursion.

Workload
In-class time: Supervision/presentations 60 h

Self-study components: Development of an architectural design 240 h

Recommendation
Take this module along with the modules "Building Construction", "Structural Design" and "Technical Building Systems".

M 3.53 Module: Studio Space [M-ARCH-103547]

Responsible: Prof. Marc Frohn
Prof. Simon Hartmann
Prof. Meinrad Morger

Organisation: KIT Department of Architecture

Part of: Designing

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
10	Grade to a tenth	Each winter term	1 term	German	3	2

Mandatory			
T-ARCH-109958	Design in Studio Space	10 CR	Frohn, Hartmann, Morger

Competence Certificate
Other examination requirements consisting of architectural design work produced during the semester. Working on the design task takes place in groups of two, there are regular supervisory meetings respectively corrective inputs that take place. The progress monitoring takes place during one's studies within the frame of up to two intermediate and one final presentation. There the worked out results are presented and evaluated in the form of drawings, models, texts and presentations. The time frame for the presentation is approx. 15 minutes per group.

Prerequisites
None

Competence Goal
The students:

- have a basic understanding of the significant cultural, social and technological dimensions of spatial studies and architecture.
- can recognize basic architectural elements and spatial strategies, can analyze their conforming principles and can apply these in their own design work. They can, under supervision, formulate simple ideas and concepts and, under guidance, can develop simple spatial approaches based on this.
- are capable of transferring and integrating the design concept, based on fundamental influencing factors such as context, function, light etc., into a building within the framework of a structured design process. In addition, they can work out variants and compare these during the design draft process.
- can describe, portray, analyze, individually design and evaluate architectural spaces and spatial sequences regarding geometry, light and usage. They have at their command a basic spatial understanding and imaginative power as well as being able to create basic spatial relations and connections.
- understand the basic design-oriented and order-building principles, can develop these as well as being able to apply these.
- grasp the fundamental principles of architectural drawings and design as well as model building.
- recognize basic spatial and architectural relations within their setting.

Content
In the studio, parallel to the lecture "Basics of Design Theory – Architectural Thinking 1", the basics of architectural design are taught. During the course of the semester architectural queries with increasing levels of complexity based on analysis and design tasks are worked on. Fundamental knowledge of architectural elements, bodies, space (spatial sequences), context, spatial programs as well as the relationship to humans and their perception are all taught.

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
Only one of the three courses can be booked. An even distribution of the students for the three courses/professors takes place in accordance with an allocation procedure based on priorities.

With a mandatory excursion.

Workload
In-class time: Supervision/presentations 60 h

Self-study components: Development of an architectural design 240 h

Recommendation
Take this module along with the module "Basics of Design Theory".

M 3.54 Module: Studio Structure [M-ARCH-103548]

Responsible: Prof. Ludwig Wappner
Organisation: KIT Department of Architecture
Part of: Designing

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
10	Grade to a tenth	Each summer term	1 term	German	3	2

Mandatory			
T-ARCH-109959	Design in Studio Structure	10 CR	Wappner

Competence Certificate
Other examination requirements consisting of architectural design work produced during the semester. Working on the design task takes place in groups of two, there are regular supervisory meetings respectively corrective inputs that take place. The progress monitoring takes place during one's studies within the frame of up to two intermediate and one final presentation. There the worked out results are presented and evaluated in the form of drawings, models, texts and presentations. The time frame for the presentation is approx. 15 minutes per group.

Prerequisites
Successful completion of the module "Studio Space".

Competence Goal
The students:

- learn methods regarding the development, working on and evaluation of alternative solutions for design and construction tasks that have a low complexity level.
- are able to develop projects from the urban planning stage to the principle spatial disposition all the way to materialization and the joining of building components.
- can develop concepts in a systematic manner, select alternatives as well as being able to optimize these.
- are able to work through these in an exemplary and detailed manner and to constructively make these more precise with a focus on the clarification of the building structure.

Content
This module teaches the basics of design and construction based on low-complexity design tasks coming from the field of civil and structural engineering. Here the focus is on clarifying the context, the spatial functional and constructive structure whilst taking into special account the material-related and system-related structural joining principles.

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
Only one of the three courses can be booked. An even distribution of the students for the three courses/professors takes place in accordance with an allocation procedure based on priorities.

With a mandatory excursion.

A part of the orientation exam.

Workload
In-class time: Supervision/presentations 60 h

Self-study components: Development of an architectural design 240 h

Recommendation
Recommendation: Take this module along with the module "Basics of Building Construction"

M 3.55 Module: Studio System [M-ARCH-103551]

Responsible: Prof.Dipl.-Ing. Dirk Hebel
Prof. Christian Inderbitzin
Organisation: KIT Department of Architecture
Part of: Integral Designing

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
10	Grade to a tenth	Each winter term	1 term	German	3	2

Mandatory			
T-ARCH-109962	Design in Studio System	10 CR	Hebel, Inderbitzin

Competence Certificate
Other examination requirements consisting of architectural design work produced during the semester. Working on the design task takes place individually or in groups; regular supervision respectively corrective sessions take place. The progress monitoring takes place during one's studies within the frame of up to two intermediate and one final presentation. There the worked out results are presented and evaluated in the form of drawings, models, texts and presentations.

Prerequisites
none

Competence Goal
The students:

- are able to work on a complex planning project. For this they learn both the ability to analyze the context as well as being able to create usage, development, access and layout concepts.
- are able to name targeted and those aspects that are relevant for their respective designs regarding sustainable building methods and are able to transfer these into an architectural design.
- can apply all of the already learned competencies in the areas of building physics, technical systems and structural support planning onto a complex topic and recognize the integration of the various disciplines in the design process as an essential basis for sustainable building.
- are able to work out a suitable presentation and portrayal concept which also includes a 3D presentation of the project.

Content
In the studio "Order" the basics that are taught in the module "Sustainable Building" are transferred to an architectural design draft, then evaluated and discussed. In the course of the semester a complex planning project from the field of residential and housing construction will be worked on at various scale levels, all based on analysis and design tasks. Through the integration of the disciplines Structural Support Planning, Construction Physics and Technical Extension into the design project itself one can then define and fully understand what is meant by the term "sustainable building". This is an interdisciplinary approach which is undertaken in an integrative manner.

Module grade calculation
The module grade is the grade of the other examination requirements.

Annotation
Only one of the three courses can be booked. An even distribution of the students for the three courses/professors takes place in accordance with an allocation procedure based on priorities.

With a mandatory excursion.

Workload
In-class time: Supervision/presentations 60 h

Self-study components: Development of an architectural design 240 h

Recommendation
Due to the simultaneous mandatory attendance of the lecture "Sustainable Building" synergies are given so that the gained insights from the various disciplines and scale levels can be transferred to and, of course, integrated into the architectural design project.

M 3.56 Module: Sustainability [M-ARCH-103552]

Responsible: Prof.Dipl.-Ing. Dirk Hebel
Organisation: KIT Department of Architecture
Part of: Integral Designing

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German	3	1

Mandatory			
T-ARCH-107289	Sustainability	4 CR	Hebel

Competence Certificate
Other examination requirement that consists of an oral discussion on the topics of the lecture.

Prerequisites
none

Competence Goal
The students:

- know the basics of sustainable building.
- know the important milestones, models and systems for categorizing and evaluating sustainable concepts within construction.
- have gained knowledge on the interaction of ecological, economical, social, ethical and aesthetic sustainability within construction.
- can – even if these are partially contradictory – recognize, evaluate and weigh the requirements coming from the various disciplines regarding the aspect of sustainability.
- are able to realize the knowledge gained within the architectural design project.

Content
In this module the basics as well as thoughts dealing with the topic of sustainable building are presented and discussed. Thereby, on the one hand, the significance of the topic within its historical dimension is highlighted as well as, on the other hand, the relevance for future construction projects. The question as to the sensible and ethical use of natural resources within construction is the focal point of what is being examined. Thereby, a differentiation is made between usage and consumption of our natural living conditions. Presented are models and positions on construction based on cycles, certification models, integral planning, lifecycle assessment, energy consumption and needs as well as the provision thereof, the minimization of material usage, customer satisfaction, participation in design processes all the way to large-scale looks at land distribution and urban planning tasks. The term sustainability is therefore discussed within its ecological, economical, social, ethical and aesthetic dimension, specifically for future building tasks. Students should be able to reflect the described topics independently and critically as well as being able to integrate these into their design plans as a matter of fact.

Module grade calculation
The module grade is the grade of the other examination requirements.

Workload
In-class time: Supervision/presentations 30 h

Self-study components: Development of an architectural design 90 h

Recommendation
Due to the simultaneous mandatory attendance of "Studio Order" synergies are given so that the gained insights from the various disciplines and scale levels can be transferred to and, of course, integrated into the architectural design project.

M 3.57 Module: Theory of Architecture 1 [M-ARCH-103561]

Responsible: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture
Part of: Theoretical and Historical Basics

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German	3	2

Mandatory			
T-ARCH-107298	Theory of Architecture 1	4 CR	Meister
T-ARCH-109236	Theory of Architecture 1 - Practical Course	0 CR	Meister

Competence Certificate
Other examination requirements consisting of an Open Book Upload exam. The task is digitally supported and must be completed within a defined time window of 90 minutes from home. Aids are permitted. Students download the tasks as a file at the beginning of the time window, work on them digitally and upload the results as a submission immediately after the end of the processing time in a limited time window. The submission includes the declaration of independent processing and indication of the aids.

Requirement for the exam application is having passed the completed coursework "Architecture Theory 1 - Tutorial". This consists of the weekly compilation of written position papers on the respective lecture topics of approx. half an A4 page. The minimum number of position papers that have to be handed in will be made public at the start of the university semester (approx. half of the number of lectures).

Prerequisites
none

Competence Goal
The students:

- are familiar with the developments in architecture theory and the basics of modern architectural theories and have acquired context knowledge on society, philosophy and culture.
- can identify architectural styles of thought and designs within the respective historical (time-wise) and cultural context and can recognize the relevance for the current ongoing architectural discourse.
- have knowledge regarding the fundamental scientific and theoretical argumentation and know about the essential methods of scientific research, academic work and critical architectural analyses.
- have developed an understanding for the design relevance of theories. By confronting and dealing with architecture-specific fields of discourse they are able to understand architecture theory as the basis for socially responsible planning, design, administrative or analytical tasks.

Content
In the modules "Architecture Theory 1" and "Architecture Theory 2" interdisciplinary architectural models of thought are analyzed, put into historic contexts and theoretically reflected on. By confronting various terms and definitions such as «Function, use, comfort», «Perception, atmosphere, staging», «Myth nature – construction, environment, resource», «Design tools and instruments of awareness» and «Logistic landscapes. Infrastructure, power and global availability» basic questions as to the relationship of object and theory in architecture are brought up and discussed. Special attention is given to political thought in general as well as current social trends. Both modules are conceived as consecutive and interrelated modules.

Module grade calculation
The module grade is the grade of the written exam.

Annotation
A part of the orientation exam. If necessary with excursion.

Workload
Class attendance: Lectures 60 h

Independent study: preparing/follow-up work, exam preparation 60 h

M 3.58 Module: Theory of Architecture 2 [M-ARCH-103562]

Responsible: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture
Part of: Theoretical and Historical Basics

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each summer term	1 term	German	3	2

Mandatory			
T-ARCH-107299	Theory of Architecture 2	4 CR	Meister
T-ARCH-109237	Theory of Architecture 2 - Practical Course	0 CR	Meister

Competence Certificate
Other examination requirements consisting of an Open Book Upload exam. The task is digitally supported and must be completed within a defined time window of 90 minutes from home. Aids are permitted. Students download the tasks as a file at the beginning of the time window, work on them digitally and upload the results as a submission immediately after the end of the processing time in a limited time window. The submission includes the declaration of independent processing and indication of the aids.

Requirement for the exam application is having passed the completed coursework "Architecture Theory 1 - Tutorial". This consists of the weekly compilation of written position papers on the respective lecture topics of approx. half an A4 page. The minimum number of position papers that have to be handed in will be made public at the start of the university semester (approx. half of the number of lectures).

Prerequisites
none

Competence Goal
The students:

- can deal with the most important basic terminology and current architectural theories on the topics of architecture and urbanism. In addition to this, they have gained in-depth knowledge on the social, technological, media-related and cultural conditions of architectural practice.
- can differentiate, analyze and formulate complex architectural concepts in their respective cultural, historical, social and political contexts as well as being able to do this for their significance with a view to the current architectural discourse.
- have developed an in-depth and differentiated understanding for the relevance of theory for the architectural design project.
- are, in addition, capable of arguing in a scientific-theoretical manner and in applying the basic methods of scientific research and academic work as well as critical architecture analysis.

Content
In the modules "Architecture Theory 1" and "Architecture Theory 2" interdisciplinary architectural models of thought are analyzed, put into historic contexts and theoretically reflected on. By confronting various terms and definitions such as «Function, use, comfort», «Perception, atmosphere, staging», «Myth nature – construction, environment, resource», «Design tools and instruments of awareness» and «Logistic landscapes. Infrastructure, power and global availability» basic questions as to the relationship of object and theory in architecture are brought up and discussed. Special attention is given to political thought in general as well as current social trends. Both modules are conceived as consecutive and interrelated modules.

Module grade calculation
The module grade is the grade of the written exam.

Workload
Class attendance: Lectures 60 h

Independent study: preparing/follow-up work, exam preparation 60 h

Recommendation
Successful completion of the module "Theory of Architecture 1"

4 Courses

T 4.1 Course: Advanced Topic of Bachelor's Thesis [T-ARCH-107688]

Responsible: Prof. Marc Frohn
Prof. Simon Hartmann
Prof. Meinrad Morger
Prof. Ludwig Wappner

Organisation: KIT Department of Architecture

Part of: M-ARCH-103576 - Advanced Topic of Bachelor's Thesis

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	3	pass/fail	Each term	1

Events					
ST 2023	1710111	Advanced Topic of Bachelor Thesis (Frohn)	1 SWS	Lecture / Practice / 🗣	Frohn, Gazzillo, Gernay, Mori
ST 2023	1710211	Advanced Topic of Bachelor Thesis (Morger)	1 SWS	Project / 🗣	Morger, Kunkel, Schilling, Schneider, Zaparta
ST 2023	1710311	Advanced Topic of Bachelor Thesis: (Hartmann)	1 SWS	Practice / 🗣	Hartmann, Garriga Tarres, Pereira da Cruz Rodrigues Santana, Coricelli, Kadid
ST 2023	1720508	Advanced Topic of Bachelor Thesis: (Wappner)	1 SWS	Lecture / Practice / 🗣	Wappner, Hörmann, Tusinean, Hoffmann, Wang, Häberle, Kochhan

Legend: Online, Blended (On-Site/Online), On-Site, × Cancelled

Competence Certificate
Completed coursework consisting working on the "Specialization Bachelor Thesis" usually, as a rule, takes place individually or in groups of two; there are regular supervisory and correction sessions. The produced results in the form of drawings, models, texts and lectures are presented and assessed within the framework of presentations or workshops during one's studies.

Annotation
Only one of the four courses can be booked, in each case by the examiner at whom the Bachelor's thesis is also completed.

Below you will find excerpts from events related to this course:

V Advanced Topic of Bachelor Thesis (Morger)

1710211, SS 2023, 1 SWS, Language: German, Open in study portal

Project (PRO)
On-Site

Content
Participation only in connection with the Bachelor Thesis, Prof. Morger

Submission/Exam: in connection with Bachelor Thesis

V Advanced Topic of Bachelor Thesis: (Hartmann)

1710311, SS 2023, 1 SWS, Language: English, Open in study portal

Practice (Ü)
On-Site

Content
Participation only in connection with the Bachelor Thesis Studio Hartmann

First Meeting: 29.03.2023 ; 2:00 PM 20.40 R 204

Submission/Exam: in connection with Bachelor Thesis

V

Advanced Topic of Bachelor Thesis: (Wappner)

1720508, SS 2023, 1 SWS, Language: German/English, Open in study portal

Lecture / Practice (VÜ)
On-Site

Content

Further information can be found in the issue of the assignment for the Bachelor's th

Examination: with presentation Bachelor thesis

T 4.2 Course: Advanced Topic of Bachelor's Thesis - Portfolio [T-ARCH-107690]

Responsible: Prof. Marc Frohn
Prof. Simon Hartmann
Prof. Meinrad Morger
Prof. Ludwig Wappner

Organisation: KIT Department of Architecture

Part of: M-ARCH-103576 - Advanced Topic of Bachelor's Thesis

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	1	pass/fail	Each term	1

Competence Certificate
Completed coursework consisting of a portfolio to be created by the students individually and without any supervision. The result is handed in as a physical portfolio. The portfolio is assessed as it relates to completeness, the plausibility and comprehensibility of the presented projects, the graphical and design-related quality as well as the technically skilled quality.

T 4.3 Course: Architectural Geometry and Digital Form Design 1 [T-ARCH-107305]

Responsible: TT-Prof. Moritz Dörstelmann
Organisation: KIT Department of Architecture

Part of: M-ARCH-103568 - Architectural Geometry and Digital Form Design 1

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each winter term	1

Competence Certificate
Other examination requirements consisting of a drawing-based term paper and the successful participation in the tutorials related to the courses of the module (tutorial certificates).

Prerequisites
none

T 4.4 Course: Architectural Geometry and Digital Form Design 2 [T-ARCH-107306]

Responsible: TT-Prof. Moritz Dörstelmann
Organisation: KIT Department of Architecture

Part of: M-ARCH-103569 - Architectural Geometry and Digital Form Design 2

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each summer term	1

Events					
ST 2023	1720802	Integrative Digital Methods	4 SWS	Lecture / Practice /	Dörstelmann, Fuentes Quijano, Wenzel

Legend: Online, Blended (On-Site/Online), On-Site, × Cancelled

Competence Certificate
Other examination requirements consisting of a drawing-based term paper and the successful participation in the tutorials related to the courses of the module (tutorial certificates).

Prerequisites
none

Below you will find excerpts from events related to this course:

V Integrative Digital Methods

1720802, SS 2023, 4 SWS, Language: English, Open in study portal

Lecture / Practice (VÜ)
Blended (On-Site/Online)

Content
The course trains the ability to effectively combine and apply analog working strategies and digital methods in the design process.

Basic knowledge from architectural geometry is deepened and expanded through integrative digital methods, such as 3D modeling, renderings, augmented reality, image editing and layout, as well as 3D scanning and printing.

Three complimentary topics will introduce methods that reinforce previously learned content and further develop students' digital skills.

The focus is on combining the different methods and teaching students how they can be used integratively in the design process to address complex challenges.

First meeting: 21.04.2023, 09:45 – 11:15 am

Exam: 04.08.23

T 4.5 Course: Architectural Geometry and Digital Form Design 3 [T-ARCH-107307]

Responsible: TT-Prof. Moritz Dörstelmann
Organisation: KIT Department of Architecture

Part of: M-ARCH-103570 - Architectural Geometry and Digital Form Design 3

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each winter term	1

Events					
WT 23/24	1720803	Explorative Digital Methods	4 SWS	Lecture / Practice /	Dörstelmann, Fuentes Quijano

Legend: Online, Blended (On-Site/Online), On-Site, × Cancelled

Competence Certificate
Other examination requirements consisting of a drawing-based term paper and the successful participation in the tutorials related to the courses of the module (tutorial certificates).

Prerequisites
none

Below you will find excerpts from events related to this course:

V Explorative Digital Methods

1720803, WS 23/24, 4 SWS, Language: German/English, Open in study portal

Lecture / Practice (VÜ)
Blended (On-Site/Online)

Content
The course Explorative Digital Methods provides practical application skills and theoretical background knowledge for the reflected use of digital tools in the architectural design process.

Building on the previous courses Architectural Geometry and Integrative Digital Methods, the course lays the foundations of controlled decision-making processes in digital design and students develop the necessary knowledge for integrative and explorative geometry generation at the interface of creative and performative design criteria. The goal is to integrate knowledge of parametric visual programming into your workflows and enable its productive application in your architectural studies.

First meeting Friday 03.11.2023
Final Submission: 08.03.2024

T 4.6 Course: Architectural Theory Research Topics [T-ARCH-107325]

Responsible: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture

Part of: M-ARCH-103585 - Architectural Theory Research Topics

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Irregular	1

Competence Certificate
Other examination requirements consisting of actively participating in the seminar sessions (oral and written discussion contributions as well as presentations) as well as a study work project respectively one's own independent research work whose scope and form is dependent on the respective task assigned.

Prerequisites
none

T 4.7 Course: Art History [T-ARCH-111667]

Responsible: Prof. Dr. Inge Hinterwaldner
Prof. Dr. Oliver Jehle
Organisation: KIT Department of Architecture
Part of: M-ARCH-105812 - Art History

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each winter term	2

Events					
ST 2023	1800001	Lecture: History of Art - History of Art III - Renaissance and Mannerism	2 SWS	Lecture / 🗣	Jehle
ST 2023	1800002	Lecture: From Performance to Performativity	2 SWS	Lecture / 🗣	Hauser
ST 2023	1800003	Lecture: History of Art Historiography	2 SWS	Lecture / 🗣	Papenbrock
WT 23/24	1741310	Art History: Lecture: History of the Arts and their Theories: Baroque, Rococo and Classicism	2 SWS	Lecture / 🗣	Jehle
WT 23/24	1741311	Art-History: Lecture: Images and Concepts of Nature and Landscape	2 SWS	Lecture / 🗣	Fiorentini Elsen
WT 23/24	1741312	History of Art: Lecture: Art in Exile 1933-1945	2 SWS	Lecture / 🗣	Papenbrock

Legend: 🖥 Online, 🖧 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Examination of another type as Open Book Upload exam. Tasks that are digitally supported and completed from home within a defined time window of 120 minutes. Aids are permitted. Students download the tasks as a file at the beginning of the time window, work on them digitally and upload the results as a submission immediately after the end of the processing time in a limited time window. The submission includes the declaration of independent processing and the indication of the aids.

The examination covers the content of both lectures offered in the respective semester.

Below you will find excerpts from events related to this course:

V Lecture: History of Art - History of Art III - Renaissance and Mannerism

1800001, SS 2023, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The age of the Renaissance can certainly be described as the beginning of modernity. Such a 'modernity', which emerged from the rebirth of ancient cultures of knowledge and fundamentally changed the interaction between man and the world, had to develop an artificial language that was primarily due to the work of the docta manus, the learned hand. Artists defined themselves as intellectuals, humanistic discourses enriched painting and sculpture with new themes and led to a changed approach to the conception of nature and man. The lecture will place a special emphasis on the history of ekphrasis.

V Lecture: From Performance to Performativity

1800002, SS 2023, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
Hardly any concept or paradigm has influenced art and cultural studies since the 20th century as much as the so-called performative turn. Today, this has long since ceased to be understood merely as the progressive substitution of the work by the event in the sense of processual art performances since the early avant-garde currents. Rather, such an art genre is accompanied, and overshadowed, by the paradigm of performativity developing in parallel in linguistics, gender theory, anthropology and even the sociology of science. The lecture attempts to systematize how this trend plays out in relation to the corporeality of actions, and increasingly manifests itself in the form of 'microperformative' potentials of non-human actors.

V Lecture: History of Art Historiography

1800003, SS 2023, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The subject of the lecture is the history of art historiography at universities from its beginnings in the 19th century to the end of the 20th century. In a cursory sequence, the emergence of art history as a scientific discipline, the history of its institutions and acting persons as well as its scientific theories and methods will be presented and discussed. The focus will be on the social significance and the political development of the discipline.

V Art History: Lecture: History of the Arts and their Theories: Baroque, Rococo and Classicism

1741310, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
As bizarre and eccentric, the French adjective baroque sums up the characteristics of an artistic language that became audible around the year 1600 and spread from Rome to the whole of Europe. Intoxicating dynamics and theatrical lighting characterise the representative splendour of baroque art. The Rococo rises this artistic language, seduces with profound surface and gallant games, before Classicism calls us to order: noble simplicity and quiet grandeur instead of masquerade and fête galante? We will see how the arts take their origin from the sea, shells grow up the walls and only the Age of Enlightenment dries up this moist matrix.

Appointment: Tue 11:30 - 1 pm 20.40 Fritz-Haller-Hörsaal
First Meeting: Wed 24.10.2023
Submission/Exam: 08.03.2024

V Art-History: Lecture: Images and Concepts of Nature and Landscape

1741311, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
Images of nature and landscape have always presupposed an engagement with the physical world, but they are also an engagement with the individual experience of that world. How is this aesthetic and epistemological confrontation with the external and internal world configured in the history of nature and landscape imagery, and how is it reflected in practices and theories? We ask these questions in different historical periods and for different forms of nature and landscape imagery, from painting to photography, performance, and digital design.

Appointment: Wed 8:00 - 9:30 am 20.40 Egon-Eiermann-Hörsaal
First Meeting: Wed 25.10.2023
Submission/Exam: 08.03.2024

V History of Art: Lecture: Art in Exile 1933-1945

1741312, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The subject of this lecture is the emigration of artists during the Nazi era. The lecture deals with the structures and organisations of the exile of artists in Paris, Prague, London and other places, with the exile biographies of artists such as Oskar Kokoschka, Max Beckmann, Paul Klee and many others, but above all with the works of art that were created during the emigration and that address the experience of exile in different ways. In addition, newer approaches to exile research in art history will be presented and discussed.

Appointment: Wed 2:00-3:30 pm 20.40 Egon-Eiermann-Hörsaal
First Meeting: Wed 25.10.2023
Submission/Exam: 08.03.2024

T 4.8 Course: Artistic and Sculptural Design [T-ARCH-107304]

Responsible: Prof. Stephen Craig
Organisation: KIT Department of Architecture

Part of: M-ARCH-103567 - Artistic and Sculptural Design

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each winter term	1

Events					
WT 23/24	1710363	Artistic and Sculptural Design : Drawing +	4 SWS	Practice / 🗣	Craig, Kranz, Pawelzyk, Schelble

Legend: 📱 Online, 🏵 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of works that are undertaken during the semester in the tutorials as well as handing in the works (workbook of the lecture series, sketching book and the complete folder of drawings) at the end of the semester.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Artistic and Sculptural Design : Drawing +

1710363, WS 23/24, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
The course DRAWING+ begins with a series of lectures on drawing processes, narrative story structures and visual-literary collage processes. Afterwards, in the practical part, drawing techniques are worked out together. At the end of the course, students will create their own final artistic project on the topic "MOVING DRAWING - Drawing in Motion".

Criteria for grading are the exercises accompanying the course and the final submission of the artistic project. Regular class attendance is compulsory and required.

Appointment: Tue 9:00 AM - 1:00 PM

First meeting: Tuesday, 24.10.2023, 9:45 AM, 20.40 EE HS, 20.40

Submission/Exam:

T 4.9 Course: Bachelor's Thesis [T-ARCH-107248]

Responsible: Prof. Marc Frohn
Prof. Simon Hartmann
Prof. Meinrad Morger
Prof. Ludwig Wappner

Organisation: KIT Department of Architecture

Part of: M-ARCH-103546 - Module Bachelor's Thesis

Type	Credits	Grading scale	Recurrence	Version
Final Thesis	12	Grade to a third	Each term	1

Events					
ST 2023	1710112	Bachelor's Thesis (Frohn): You are hired!	6 SWS	Project / 🗣	Frohn, Gazzillo, Gernay, Mori
ST 2023	1710201	Bachelor's Thesis: City School in Karlsruhe (Morger)	6 SWS	Project / 🗣	Morger, Kunkel, Schilling, Schneider, Zaparta
ST 2023	1710302	Bachelor's Thesis: More Than a Bridge (Hartmann)	6 SWS	Project / 🗣	Hartmann, Garriga Tarres, Pereira da Cruz Rodrigues Santana, Coricelli, Kadid
ST 2023	1720507	Bachelor's Thesis: Place of Farewell (Wappner)	6 SWS	Project / 🗣	Wappner, Tusinean, Hörmann, Hoffmann, Häberle, Wang, Kochhan

Legend: 📱 Online, 🔀 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
The bachelor's thesis is comprised of the architectural design assessments and examinations that a student undertakes during the semester. Working on the design task takes place on an individual basis and regular supervisory phases respectively corrective measures take place. The progress monitoring takes place during one's studies within the framework of one to two intermediate milestone presentations and one final one. Here the worked out results are presented in the form of drawings, models, texts and presentations and these are then graded. The duration of each presentation is approx. 20 minutes per person.

Prerequisites
none

Final Thesis
This course represents a final thesis. The following periods have been supplied:

Submission deadline	3 months
Maximum extension period	1 months
Correction period	6 weeks

Below you will find excerpts from events related to this course:

V Bachelor's Thesis (Frohn): You are hired!

1710112, SS 2023, 6 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

Content
You are hired!

Studio Raum II focuses on institutional spaces. How do these spaces embody social rituals and rules and how are the latter formalized with their help? The institutional context of Karlsruhe provides the framework: BGH/KIT/BST/ZKM/HFG/BVG.

According to the German Federal Employment Agency (BA), every second company in Germany is affected by staff shortage. More than half of the people looking for work do not have the right qualifications to meet the requirements of job applications. At the same time, the Babyboom-Generation is slowly retiring and the birth rate continues to decline. Due to the occupational mismatch and the demographic trends, there is a role reversal in the job market, where the search for jobs turns into a search for people.

The Studio faces the new planning reality of the employment agency: yesterday's applicant becomes tomorrow's new hope; the institution of demand becomes the institution of match-making.

Regular Meetings: Wed-Thu, 2:00-6:00 pm, Bldg. 20.40
First Meeting: 29.30.2023, Bldg. 20.40
Pin-Up: 03.05.2023, 24.05.2023
Submission/Presentation: 29.06.2023/05.07.2023

V **Bachelor's Thesis: City School in Karlsruhe (Morger)** **Project (PRO)**
1710201, SS 2023, 6 SWS, Language: German, Open in study portal **On-Site**

Content
With the final Bachelor design studio in the summer semester of 2023 we turn to the typology of the school house with the question of what roles a school might play in the contemporary life of the city and its inhabitants.

Due to Karlsruhe´s constantly growing population there is currently a rising demand for new school space. As each year new citizens move into the city from other regions, the challenge to provide adequate high-quality living space has grown. Part of that challenge is the necessity to develop new schools in the city´s various residential quarters. This current demand serves us as an opportunity to immerse ourselves in the design of the school house. The school is an important building block in the quarter and the city. It represents a fundamental interface between the individual and the cultural life of the city. It is a place where community is experienced and communal life is learned. Evolving ideas in school pedagogy have led to new demands on the school´s spaces. Traditional school types – such as those from Karlsruhe´s Wilhelminian era – are often found to be lacking. The school is no longer regarded solely as a place of learning, but as a place for the whole of life.

Against this background, we want to develop elementary architectural themes – context, structure, typology, light, space, material and atmosphere – as a means to finding out what a contemporary school might look like.

A one-day walking tour through Karlsruhe and visits in Karlsruhe´s schools are to provide us with an inspiring start in the final Bachelor design project this summer semester.

First Meeting: 29.03.2023; 2:00 p.m. studio

Field trip: 31.03.2023, city walk in Karlsruhe

Appointment: Wed, 9 a.m to 17 p.m. studio

Interim critique: 26.04.2023, 07.06.2023, 29.06.2023

Delivery of plans an model: 29.06.2023 until 12 p.m.

Final critique: Tue 04.07.2023 + Wed 05.07.2023

V **Bachelor's Thesis: More Than a Bridge (Hartmann)** **Project (PRO)**
1710302, SS 2023, 6 SWS, Language: German/English, Open in study portal **On-Site**

Content
Cities are in a continuous process of redesigning and creation of new types of public spaces. The impact of climate change on water networks and infrastructures will require the development of new infrastructures that relocate water resources and built elements to create a habitat for people and non-people.

How can new infrastructure move beyond its functional aspects become a platform for urban commons?

The bachelor thesis Infrastructural Commons Basel allows students to think about an infrastructural, architectural type par excellence: the bridge.

The focus is not on the static conception of such an object but on the spatial possibilities that a bridge can open up as a hybrid of different collective programs.

This new infrastructure will span the Rhine and connect a series of public spaces on both sides of the river, bringing the urban vibrancy of the riverbank to the historic city.

The bachelor thesis is an individual work followed by the teaching team through desk crits weekly. The design process is structured and accompanied by subtasks and joint activities:

Studio Trip to Basel
Collective site model at the urban scale
Intermediate review with external guests
Final review: Students present and discuss their projects in front of a panel with external guests in addition to the official examiners

Language: German/English

Event Format: On-Site

Appointments: weekly Wednesday/Thursday, 14 - 18h

First Meeting: 29.03.2023, 2:00 PM R204

Excursion: Basel, 31.03.2023-02.04.2023

Final Presentation: 05.07.2023

Hand-in: 29.06.2023 until 12:00 Uhr (noon), R221

Form: Individual work

First and Second Examiner: Prof. Simon Hartmann / Prof. Christian Inderbitzin

V

Bachelor's Thesis: Place of Farewell (Wappner)

1720507, SS 2023, 6 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

Content
Death as an inevitable part of human life has always had a deep cultural and spiritual meaning. Different customs for burial, remembrance, and funeral rites have evolved over millennia in every civilization, spanning all geographic and cultural landscapes. Earth, cremation, or natural burials found their specific cultural manifestations in cemeteries, tombs, chapels, mourning halls, and crematoria. The cemetery topos has been the central place for funerary practices in western cultures, where burial and cremation remain the two most common forms of laying the dead to rest.

In contrast to earth burials, in which funerary rites are performed in different buildings, across the entire cemetery site, such as the mortuary, the funeral hall, the chapel, and graveyards, practices like cremation spatially incorporate all funeral services in the crematorium. A crematorium is simultaneously a place of mourning, farewell, and commemoration, and the location where the functional processes of preparation and cremation take place. This layering and interweaving of typological, social, spiritual, and pragmatically functional requirements turn this cultural site into an intriguing and challenging architectural task.

Complemented by an excursion to Cologne and Bonn, the design studio aims to explore a new place of farewell for Karlsruhe, by re-evaluating and shifting our spatial understanding of this particular building archetype, as it embodies and navigates the dichotomy between the sacred sublime and the industrial profane.

First Meeting: 29.03.2023 Studio
Pin-Up 1: 20.04.2023

Pin Up 2: 25.05.2023

Excursion: 31.03.2023 - 02.04.2023

Submission/Presentation: 04.+ 05.07.2023

Organizational issues
1. Treffen am 29.03.2023 im Studio
Zwischenkritik 1: 20.04.2023
Zwischenkritik 2: 25.05.2023
Endpräsentation: 04. + 05.07.2023
Pflichtexkursion: 31.03.2023 - 02.04.2023

T 4.10 Course: Basic Concepts of Urban Development and Urban Planning [T-ARCH-111657]

Responsible: Prof. Markus Neppl
Organisation: KIT Department of Architecture
Part of: M-ARCH-105810 - History of Architecture and Urban Planning and Urban Development

Type	Credits	Grading scale	Recurrence	Version
Oral examination	2	Grade to a third	Each winter term	1

Events					
WT 23/24	1731051	Urban Developent: Urban Perspectives Basic Concepts of Urban Design and Planning	2 SWS	Lecture / 🗣	Neppl

Legend: 🖥 Online, ❁ Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Oral exam taking 15 minutes

Below you will find excerpts from events related to this course:

V Urban Developent: Urban Perspectives Basic Concepts of Urban Design and Planning

Lecture (V)
On-Site

1731051, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
All large and small cities in Germany notice a huge dynamic in the fields of population development, job growth, mobility supply, climate adaptation and resource efficiency. Simply waiting, thinking exclusively in terms of one's local area, and merely reacting is no longer sufficient to answer the questions of the future.

To make a relevant contribution to these social discussions, the terms necessary for effective communication must be classified and generally understandable. The lecture provides an overview of the current topics and background of urban development and enables an introduction to the current debate about the future of our urban ways of life.

Regular date/lecture: Tue, 9:45-11:15 am., Bldg. 20.40, Hörsaal Nr.9 / Egon-Eiermann-Hörsaal

Oral exam: 04.-06.03.2024

T 4.11 Course: Basic Course in the Study Workshop Modell [T-ARCH-107342]

Responsible: Willy Abraham
Andreas Heil
Anita Knipper
Manfred Neubig

Organisation: KIT Department of Architecture

Part of: M-ARCH-103602 - Key Qualifications

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	2	pass/fail	Irregular	1

Modeled Conditions
The following conditions have to be fulfilled:

1. The course T-ARCH-107340 - Workshop Introduction must have been passed.

T 4.12 Course: Basic Course in the Study Workshop Photography [T-ARCH-107341]

Responsible: Bernd Seeland
Organisation: KIT Department of Architecture
Part of: M-ARCH-103602 - Key Qualifications

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	4	pass/fail	Each term	1

Events					
ST 2023	1700042	Basic Course in the Study Workshop Photography	4 SWS	/ 🗣	Engel, Zilius

Legend: 🖥 Online, Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Modeled Conditions
The following conditions have to be fulfilled:

1. The course T-ARCH-107340 - Workshop Introduction must have been passed.

Below you will find excerpts from events related to this course:

V Basic Course in the Study Workshop Photography

1700042, SS 2023, 4 SWS, Language: German, Open in study portal **On-Site**

Content
Photography is a technical medium. The photographic
practice requires knowledge of the cameras and tools to be used, a profound understanding of the processes behind them and their critical reflection.
In the first part of the course, the theoretical and practical basics of photography are taught through practical exercises with various camera systems in the form of a compact workshop. The theory includes both the history of photography, the basics of photographic technique and the analysis of photographic images as well as guidance in understanding the funcionality of photography. The practical part provides an overview of the different camera systems, image composition as well as the handling of digital images and a consolidation in picture editing using Adobe Photoshop.
The second part focuses on the draft of a distinct photographic work on a given topic in the form of a seminar. It starts with an analysis of a photographic position presented as a paper. Subsequent is an exhibition visit, which focuses on the use of different media in the output and the presentation of photography. After a photographic exercise, the process of elaborating a personal interpretation of the seminar topic begins, starting with the brainstorming, continuous corrections and the final presentation of the photographic work in a potential exhibition context.

Studienwerkstatt Fotografie Teil 1
Workshopwoche 1 13.– 17.03.2023
Workshopwoche 2 20.– 24.03.2023
Teilnahme am Seminar im SoSe 2023 verpflichtend.
Teilnehmerzahl: jeweils 8 (4 BA/4 MA)

Studienwerkstatt Fotografie Teil 2
nur für Teilnehmer der Workshopwochen in Teil 1
Regeltermin: Mo/Fr 09:45 – 13:00 Uhr
Gebäude 20.40 R-102 Studienwerkstatt Fotografie

T 4.13 Course: Basics of Building Construction [T-ARCH-107291]

Responsible: Prof. Ludwig Wappner
Organisation: KIT Department of Architecture

Part of: M-ARCH-103554 - Basics of Building Construction

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each summer term	1

Events					
ST 2023	1720501	Building Construction	4 SWS	Lecture / Practice / 🗣	Wappner, Schneemann, Klinge, Hoffmann, Hörmann, Michalski, Tusinean, Häberle, Kochhan

Legend: 📱 Online, 🎛 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of the constructive, semester-accompanying work on the design project in the module "Studio Material". Working on the task is undertaken in groups of two and there is supervision and corrections made on a regular basis. The progress monitoring occurs during one's studies in the framework of up to two intermediate and one final presentation together with the presentation in the Studio Material. There the worked out results in the formats drawings, models, texts and presentations are portrayed and evaluated. The presentation length of the building construction-related composition is approx. 5 minutes per group.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Building Construction

1720501, SS 2023, 4 SWS, Language: German, Open in study portal

Lecture / Practice (VÜ)
On-Site

Content
The lecture series „Basics of Building Technology" is closely related to the contents of the studio. The lectures are structured by basic elements of construction and are conveying a deeper look into the relations between material, detail, construction and design, illustrated by contemporary as well as classical built examples. The main focus lies on analysis and reflection, which complement fundamental technical aspects. As such, the lecture series is supplemented by tutorials and works as a basis and stimulus for autodidactic work, which is essential for studio activity.

T 4.14 Course: Basics of Design Theory [T-ARCH-107303]

Responsible: Prof. Marc Frohn
Prof. Simon Hartmann
Organisation: KIT Department of Architecture

Part of: M-ARCH-103566 - Basics of Design Theory

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each winter term	1

Events					
WT 23/24	1710103	Basics of Design Theory (Exercise)	1 SWS	Practice / 🗣	Frohn, Gazzillo, Gernay, Mori
WT 23/24	1710302	Basics of Design Theory	2 SWS	Lecture / 🗣	Hartmann

Legend: 💻 Online, 🔀 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of two parts: In the framework of a written exam the important contents of the topics dealt with in the lecture as well as the accompanying texts and drawings made available will be examined. The duration of the written exam is approx. 150 minutes. Working on the accompanying exercise usually takes place, as a rule, in groups of four to five. There are regular supervision and correction sessions. The progress monitoring of the tutorial takes place within the framework of a final presentation. Here the worked out results are presented and evaluated in the form of drawings, models and presentations. The duration of the presentation is approx. 15 minutes per group.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Basics of Design Theory (Exercise)

1710103, WS 23/24, 1 SWS, Language: German/English, Open in study portal

Practice (Ü)
On-Site

Content
As accompanying exercise to the lecture series «Grundlagen der Entwurfslehre» selected buildings are analysed. The aim of the exercise is to study concrete architectural buildings from different times under specific aspects such as spatial structure and functional structure and to present them with drawings and models.

Regular appointment: We, 10:00 - 11:15 / 20.40 Grüne Grotte

First meeting 25.10.2023 10:00 - 11:30 / 20.40 Fritz-Haller Hörsaal (HS37)

Submission/Exam: 17.01.-24.01-31.01.2024

V Basics of Design Theory

1710302, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The lecture series "Grundlagen der Entwurfslehre" deals with a broad spectrum of relevant architectural topics and serves as a foundation for your architectural vocabulary.

Appointment: We, 11:30 AM – 1:00 PM, 20.40. Fritz-Haller-Hörsaal (HS37)
First meeting: 08.11.2023, 11.30 AM, 20.40. Fritz-Haller-Hörsaal (HS37)
Submission/Exam: 28.02.2024

T 4.15 Course: Basics of Fire Protection [T-ARCH-110401]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: M-ARCH-103592 - Selected Topics of Building Physics

Type	Credits	Grading scale	Recurrence	Expansion	Version
Oral examination	2	Grade to a third	Each summer term	1 terms	1

Events					
ST 2023	1720961	Sected Topics of Building Physics: Fire Protection	2 SWS	Lecture / 🗣	Wagner, Hermann

Legend: 💻 Online, 🔀 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Oral exam of 15 minutes.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Sected Topics of Building Physics: Fire Protection

1720961, SS 2023, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
In the lecture module ‘Fire Protection’ properties of building materials and building parts and their classification in terms of fire protection, fire alarm systems, fire-extinguishing systems and fume/heat outlets, fire zones, escape routes and fire protection concepts are introduced. Besides addressing fundamental knowledge, construction and design related aspects are discussed in the context of the named topics on the basis of examples from practice. For qualification targets see module handbook.

Appointment: Fr. 09:45 AM - 13:00 PM fortnightly R240 Bauko

First meeting: Fr.. 05.05.2023, 09:45 AM

Submission/Exam: 11.08.2023

Number of Participants: 10

T 4.16 Course: Basics of Lighting Technology [T-ARCH-110403]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: M-ARCH-103592 - Selected Topics of Building Physics

Type	Credits	Grading scale	Recurrence	Expansion	Version
Oral examination	2	Grade to a third	Each winter term	1 terms	1

Events					
WT 23/24	1720960	Selected Topics of Building Physics: Basics of Lighting Technology	2 SWS	Lecture / 🗣	Wagner, Alanis Oberbeck

Legend: 💻 Online, Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Oral exam of 15 minutes.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Selected Topics of Building Physics: Basics of Lighting Technology

1720960, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
Students will gain an insight into lighting technology and lighting design from an architectural perspective. The lecture covers physical and physiological principles of light, questions of perception, the relationship between light and health, basic lighting terms, the use of daylight, artificial light sources and lighting control, as well as calculation and simulation methods. For qualification objectives see module manual.

Appointment: Mon. 11:30 AM - 15:30 PM fortnightly, 20.40, Grüne Grotte

First meeting: 30.10.2023, 11:30 AM - 15:30 PM

Submission/Exam: 01.03.2024

Number of Participants. 10

Attention: This lecture with a volume of 2 credits is part of the module „Selected Topics of Building Physics". It can be combined with "Noise Protection" in the winter term or with "Fire Protection" or "Energy-efficient Buildings" in the summer term.

T 4.17 Course: Basics of Planning Energy-Efficient Buildings [T-ARCH-110402]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: M-ARCH-103592 - Selected Topics of Building Physics

Type	Credits	Grading scale	Recurrence	Expansion	Version
Oral examination	2	Grade to a third	Each summer term	1 terms	1

Events					
ST 2023	1720962	Sected Topics of Building Physics: Energy Efficient Buildings	2 SWS	Lecture / 🗣	Wagner

Legend: 📱 Online, 🔀 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Oral exam of 15 minutes.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Sected Topics of Building Physics: Energy Efficient Buildings

1720962, SS 2023, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
In the lecture module 'Energy-efficient Buildings' concepts and technologies for heat protection, solar buildings, passive cooling and energy supply with renewable energies are investigated. Besides addressing fundamental knowledge, construction and design related aspects are discussed in the context of the named topics on the basis of examples from practice. For qualification targets see module handbook.

Appointment: Tues. 09:45 AM - 11:15 AM R240 Bauko

First meeting: Tues. 18.04.2023, 09:45 AM

Submission/Exam: 08.08.2023

Number of Participants: 10

T 4.18 Course: Basics Sound Insulation [T-ARCH-110400]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: M-ARCH-103592 - Selected Topics of Building Physics

Type	Credits	Grading scale	Recurrence	Expansion	Version
Oral examination	2	Grade to a third	Each winter term	1 terms	1

Events					
WT 23/24	1720961	Selected Topics of Building Physics: Basics Sound Insulation	2 SWS	Lecture / 🗣	Wagner, Grunau

Legend: 💻 Online, 🎲 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Oral exam of 15 minutes.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Selected Topics of Building Physics: Basics Sound Insulation

1720961, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
Students are given an in-depth insight into noise protection, sound insulation of buildings and room acoustics. The lecture covers physical fundamentals of sound characteristics and propagation, properties of materials and components, design and construction details as well as building services components for sound insulation and room acoustics. For qualification objectives see module manual.

Appointment: Fr, 11:30 AM - 01:00 PM, 20.40, Architektur, HS. 9

First meeting: Fr, 27.10.2023, 11:30 AM - 01:00 PM, HS. 9

Fr 14:00 PM-15:30 PM 20.40 Architektur, HS. 9

Submissio/Exam: 26.02.2024

Number of Participants: 10

Attention: This lecture with a volume of 2 credits is part of the module „Selected Topics of Building Physics". It can be combined with "Lighting Technologies" in the winter term or with "Fire Protection" or "Energy-efficient Buildings" in the summer term.

T 4.19 Course: Basis Course Photogrammetry [T-BGU-107444]

Responsible: Dr.-Ing. Thomas Vögtle
Organisation: KIT Department of Civil Engineering, Geo and Environmental Sciences
Part of: M-BGU-104004 - Basis Course Photogrammetry

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
ST 2023	6072203	Basis Course Photogrammetry	3 SWS	Lecture / Practice /	Weidner
WT 23/24	6072203	Basis Course Photogrammetry	3 SWS	Lecture / Practice /	Weidner

Legend: Online, Blended (On-Site/Online), On-Site, Cancelled

Competence Certificate
Other examination requirements consisting of a graded project work (drawing/constructive) which consists of a worked-out paper on one of the practical exercises.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Basis Course Photogrammetry

6072203, SS 2023, 3 SWS, Language: German, Open in study portal

Lecture / Practice (VÜ)
Blended (On-Site/Online)

Content
After the differentiation of the photogrammetry over other measuring procedures recording systems, basic admission as well as evaluation procedures are presented in detail. In practical exercises, these are translated into real examples.

Appointment: Fr, 11:30 - 15:30

1st meeting: Fri, 22.04.2022

Number of participants: 10 Master,10 Bachelor

V Basis Course Photogrammetry

6072203, WS 23/24, 3 SWS, Language: German, Open in study portal

Lecture / Practice (VÜ)
Blended (On-Site/Online)

Content
After the differentiation of the photogrammetry over other measuring procedures recording systems, basic admission as well as evaluation procedures are presented in detail. In practical exercises, these are translated into real examples.

Appointment: Fr, 09:45 - 13:00, Schwidefsky HS / SKY

1st meeting: Fri, 27.10.2023

Exam / Final preseantation: 08.12.2023

Organizational issues
1. Hälfte der Vorlesungszeit

T 4.20 Course: Building Construction [T-ARCH-107294]

Responsible: Prof. Ludwig Wappner
Organisation: KIT Department of Architecture

Part of: M-ARCH-103557 - Building Construction

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each winter term	1

Events					
WT 23/24	1720501	Building Construction (Lecture)	2 SWS	Lecture /	Wappner
WT 23/24	1720502	Building Construction (Exercise)	1 SWS	Practice /	Wappner

Legend: Online, Blended (On-Site/Online), On-Site, Cancelled

Competence Certificate
Other examination requirements consisting of the constructive, semester-accompanying work on the design project in the module "Studio Material". Working on the task is undertaken in groups of two and there is supervision and corrections made on a regular basis. The progress monitoring occurs during one's studies in the framework of up to two intermediate and one final presentation together with the presentation in the Studio Material. There the worked out results in the formats drawings, models, texts and presentations are portrayed and evaluated. The presentation length of the building construction-related composition is approx. 5 minutes per group.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Building Construction (Lecture)

1720501, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The lecture series "Baukonstruktion" (Building Technology) is structured similarly to the second semester lectures and is tied closely to the content of the studio projects and aims to complement the design studio work with essential information.

Lecture content is structured following design principles and methods, spanning from large scale structural systems to joint details and their architectural and space-defining properties. These elements of a comprehensive architectural design project are being illustrated, analysed in order to finally be implemented into the design studio. The lectures don't solely aim at transferring rigid technical information, but strive to sharpen the implicit awareness that design and construction technologies form a cohesive unity within architectural design.

The lecture series is intended as an aid and encouragement for autodidactic learning, which is an essential building block of successful design work and architectural education at the KIT.

First meeting: Wednesday, 19th October 2022, 11:30 AM - 13:00 PM

Submission: Monday, 13th February 2023

Exam: Wednesday, 15th February 2023

V Building Construction (Exercise)

1720502, WS 23/24, 1 SWS, Language: German, Open in study portal

Practice (Ü)
Blended (On-Site/Online)

Content
First meeting: Wed, 19.10.2022, 11:30 am, Building 20.40, Egon-Eiermann-Hörsaal (HS16)

T 4.21 Course: Building Materials Science [T-ARCH-107290]

Responsible: Prof.Dipl.-Ing. Dirk Hebel
Organisation: KIT Department of Architecture

Part of: M-ARCH-103553 - Building Materials Science

Type	Credits	Grading scale	Recurrence	Version
Written examination	4	Grade to a third	Each winter term	2

Events					
WT 23/24	1720603	Building Material Science	2 SWS	Lecture /	Hebel, Böhm

Legend: Online, Blended (On-Site/Online), On-Site, × Cancelled

Competence Certificate
Written exam taking about 90 minutes.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Building Material Science

1720603, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The lecture series provides an overview of the origin or production as well as the specific properties and application possibilities of the most important building materials. Aspects of the sensible use of the materials, resistance and protective measures, advantages and disadvantages compared to other building materials, as well as examples of outstanding applications in historical and contemporary buildings are presented. In addition to well-known and widely used building materials, new and alternative materials and their research are discussed. The students should be taught a respectful and sustainable understanding of materials, whereby the knowledge of the specific characteristics and possible applications of the materials should naturally be incorporated into the design planning.

First Lecture: 27.10.2023

Examination: 23.02.2024

T 4.22 Course: Building Physics [T-ARCH-107293]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture

Part of: M-ARCH-103556 - Building Physics

Type	Credits	Grading scale	Recurrence	Version
Oral examination	4	Grade to a third	Each summer term	2

Events					
ST 2023	1720952	Building Physics	2 SWS	Practice / 🗣	Wagner, Mann, Rissetto
ST 2023	1720953	Building Physics	2 SWS	Lecture / 🗣	Wagner, Rissetto, Mann

Legend: 📱 Online, 🎛 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Oral exam of approx. 20 minutes on the contents of the lectures and exercises.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Building Physics
1720952, SS 2023, 2 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
In the exercise accompanying the lecture, questions of energy-efficient and climate-appropriate design are dealt with. The focus is on the heat balance, comfort, and heat and moisture protection. Calculation methods and tools for the quantification of energy-related as well as heat and moisture-related issues are introduced and applied.

Appointment: Mon 09:45 - 11:15 AM HS37 Fritz Haller

First meeting: Mo. 24.04.2023, 09:45 AM

Submission/Exam: 31.07.2023

V Building Physics
1720953, SS 2023, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
In this lecture module questions with regard to outdoor and indoor climate, heat protection in winter and summer, passive solar energy use, energy-efficient and climate-conscious design as well as moisture protection are addressed. Additionally, methods and calculation routines/tools for heat and moisture protection and energy performance evaluation are introduced. For qualification targets see module handbook.

Appointment: Mon 11:30 AM - 13:00 PM HS37 Fritz Haller

First meeting: Mo. 17.04.2023, 09:45 AM

Submission/Exam: 31.07.2023

Literature
Literaturhinweise werden in der Veranstaltung bekanntgegeben.

T 4.23 Course: Building Services [T-ARCH-107296]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture

Part of: M-ARCH-103559 - Building Services

Type	Credits	Grading scale	Recurrence	Version
Oral examination	4	Grade to a third	Each winter term	3

Events					
WT 23/24	1720951	Building Services (Lecture)	2 SWS	Lecture / 🗣	Wagner
WT 23/24	1720952	Building Services (Exercise)	2 SWS	Practice / 🗣	Mann, Rissetto, Kleber, Wagner

Legend: 💻 Online, 🔀 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Oral exam of approx. 20 minutes on the contents of the lectures and exercises.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Building Services (Lecture)

1720951, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
In this lecture module, the topics media supply, heating and ventilation, fresh water supply, waste water systems, cooling/ air-conditioning, lighting technology, electrical systems as well as installation planning are addressed. Besides the explanation of the functionality of the regarded systems and their components as well as their relevant key indicators, the practical execution and the architectural design context is a main concern. For qualification targets see module handbook.

Appointment: Mon, 11:30 AM - 13:00 PM 20.40 Fritz-Haller-Hörsaal

First meeting: Mon, 24.10.2022, 09:45 AM

Submission/Exam: 19./20.02.2024

V Building Services (Exercise)

1720952, WS 23/24, 2 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
In the exercise module the sizing of different systems and components of a building's technical services is practiced as well as the conceptional design of different systems in the context of the architectural building design. In this regard, methods and calculation routines/tools are introduced for sizing the systems and for calculating the total energy consumption of buildings.

Appointment: Mon, 09:45 AM - 11:15 AM, Fritz-Haller-Hörsaal

First meeting: Mon, 30.10.2023, 09:45 AM

Submission/Exam: 07.03.2023

T 4.24 Course: Building Survey [T-ARCH-111666]

Responsible: Dr. Anette Busse
Organisation: KIT Department of Architecture
Part of: M-ARCH-105811 - History of Architecture and Urban Planning and Building Survey

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	1	pass/fail	Each summer term	1

Events					
ST 2023	1741356	Building Survey and Survey	2 SWS	/	Medina Warmburg, Juretzko, Busse

Legend: Online, Blended (On-Site/Online), On-Site, × Cancelled

Competence Certificate
Completed Coursework consisting of the results of the tutorial Structural Recording (group work) in form of plans and texts that portray the inspected object.

Below you will find excerpts from events related to this course:

V Building Survey and Survey

1741356, SS 2023, 2 SWS, Language: German, Open in study portal **Blended (On-Site/Online)**

Content
In the course "Building Surveying", lectures and exercises provide an introduction to the analytical and methodical approach of surveying and measurement methods as well as the forms of documentation and focus on individual areas that form the basis for accurate and well-founded planning with existing building fabric and its essential characteristics.

The exact and true-to-scale measurement is the basis for the future planning, which can be created with different methods. With the recording on site and the documentation of the existing, the building is measured and documented in drawings and thus made ascertainable and evaluable in its complexity. Procedure:

Building Survey 2023 will take place in a mixed format of face-to-face and online events. All information, assignments and lectures are provided on ILIAS. The work is done and handed in in groups of two, which in turn are placed in groups of four, in which they organize themselves.

Several groups of two are assigned to a tutor, with whom they can arrange supervision appointments on designated days. At least once each assignment must be submitted to the tutor for correction.

Date: Fr 11:30-1 pm

1. Meeting: 21.04.2023

T 4.25 Course: Building Survey [T-ARCH-107337]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture

Part of: M-ARCH-103596 - Building Survey

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
WT 23/24	1741374	Selected Areas of Building Documentation: Designing from History _ Grünwedelhaus in Jöhlingen	2 SWS	Practice / 🗣	Busse

Legend: 📱 Online, 🎛 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of the measurements of a building plus the creation of a planning set, its drawn, graphical drafting and preparation as well as the oral and written/drawn presentation of the recorded observations on the history of its construction and usage during a final colloquium/presentation.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Selected Areas of Building Documentation: Designing from History _ Grünwedelhaus in Jöhlingen

Practice (Ü) On-Site

1741374, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
Recording and analysis of an as yet unexplored inventory object in archival records and the evaluation of a point cloud generated by scanning into 2D plans and a 3D model.

In a feasibility study, concrete architectural challenges of preservation, addition and renewal are also investigated and constructively planned for this object. The study is based on detailed research into the building's construction and transformation history, as well as the documentation and evaluation of its current structural condition. Qualities, new requirements and structural deficiencies are analysed and lead to constructive solutions by comparing variants.

The task includes intensive research in literature, plan and document archives, as well as the documentation of the current condition of the object.

Mandatory day excursion on 31.10.2023 to Jöhlingen.

Submission/ Presentation: Paper

Number of participants: 15

T 4.26 Course: Communication of Architecture and Scientific Methodology [T-ARCH-107302]

Responsible: Prof. Dr. Riklef Rambow
Organisation: KIT Department of Architecture

Part of: M-ARCH-103565 - Communication of Architecture and Scientific Methodology

Type	Credits	Grading scale	Recurrence	Version
Written examination	4	Grade to a third	Each summer term	1

Events					
ST 2023	1710450	Introduction to the Communication of Architecture	2 SWS	Lecture / 🗣	Rambow
ST 2023	1710451	Scientific Methods for Architecture	2 SWS	Lecture / 🗣	Rambow

Legend: 💻 Online, 🌸 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Written exam taking 90 minutes on the contents of the lecture.

Below you will find excerpts from events related to this course:

V Introduction to the Communication of Architecture

1710450, SS 2023, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
This lecture series serves as an introduction to the theory and practice of Architectural Communication. The central problems are formulated, important fields of application are presented, useful strategies and tools for communication are introduced and discussed in terms of strengths and weaknesses. The lecture takes place entirely in presence. For each lecture a detailed annotated set of slides including test questions and exercises is provided, which enables independent study of the content.

The concluding written test is referring to the whole module, which also includes the lecture series "Scientific Methods for Architecture".

Exam: 03.08.2023

V Scientific Methods for Architecture

1710451, SS 2023, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The lecture series explores meaning and importance of scientific methods for the discipline of architecture. Following a short introduction to epistomology as well as to philosophy and sociology of science, different strategies of knowledge production are presented and tested for relevance by analysis of classical as well as contemporary studies in the fields of architectural and urbanistic research. A detailed annotated set of slides including test questions and exercises is provided for each lecture, which enables independent study of the content.

The final written test is referring to the whole module, including the lecture series "Introduction to the Communication of Architecture".

Exam: 03.08.2023

T 4.27 Course: Construction Economics and Project Management [T-ARCH-111670]

Responsible: Hon.-Prof. Kai Fischer
Organisation: KIT Department of Architecture
Part of: M-ARCH-105813 - Construction Economics and Project Management

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each winter term	1

Events					
WT 23/24	1720616	Building Economics and Project Management	2 SWS	Lecture / 🗣	Fischer

Legend: 🖥 Online, 🌸 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of a written exam taking all-in-all 60 minutes on the lecture contents as well as the construction-economical composition of the draft project in the module "Studio Order", which is to be worked on and produced during the semester. Working on the design project takes place in the same groups as in the module "Studio Order". The result of the worked out design is a property profile.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Building Economics and Project Management

1720616, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
This lecture imparts competences required for profitable planning and execution of building projects. The topics include demand planning at the beginning of a project, various methods concerning the contracting and the building construction as well as tools of budgeting and project management evaluation applied in real practice. The acquired knowledge will be applied in a project work. For qualification targets see module handbook.

First meeting: Mo, 23.10.2023

Submission/Exam: 04.03.2024

T 4.28 Course: Design in Studio Context [T-ARCH-109961]

Responsible: Prof. Henri Bava
Prof. Dr.-Ing. Barbara Engel
Prof. Markus Neppl

Organisation: KIT Department of Architecture

Part of: M-ARCH-103550 - Studio Context

Type	Credits	Grading scale	Recurrence	Expansion	Version
Examination of another type	10	Grade to a third	Each summer term	1 terms	2

Events					
ST 2023	1731067	Design in Studio Context: Transforming Lahr. Amongst Pines and Highrises (Neppl)	5 SWS	Project / 🗣	Neppl, Haug, Weber, Mirkes
ST 2023	1731152	Design in Studio Context. Transforming Lahr. Amongst Pines and Highrises. (Engel)	5 SWS	Project / 🗣	Engel, Staab, Kannen, Böcherer
ST 2023	1731201	Design in Studio Context: Transforming Lahr. Amongst Pines and Highrises. (Bava)	5 SWS	Project / 🗣	Bava, Gerstberger, Romero Carnicero

Legend: 📱 Online, 🔀 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of design work produced during the semester. Working on the design task takes place in groups of four, there are regular supervisory meetings respectively corrective inputs that take place. The progress monitoring takes place during one's studies within the frame of up to two intermediate and one final presentation. There the worked out results are presented and evaluated in the form of drawings, models, texts and presentations. The time frame for the presentation is approx. 20 minutes per group.

Prerequisites
Successful completion of the module "Studio Material".

Modeled Conditions
The following conditions have to be fulfilled:

1. The module M-ARCH-103549 - Studio Material must have been passed.

Below you will find excerpts from events related to this course:

V Design in Studio Context: Transforming Lahr. Amongst Pines and Highrises (Neppl)

Project (PRO)
On-Site

1731067, SS 2023, 5 SWS, Language: German, Open in study portal

Content
Urban development in the 21st century has to deal with a new framework of conditions. In Germany in particular, space and housing are in short supply, and climate change is forcing us to rethink mobility and resource consumption. In order to meet the simultaneously increasing demand for affordable residential and commercial space, existing neighborhoods must be spatially and functionally supplemented and further developed.
Against this background, urban development concepts are to be developed at selected neighborhoods in the city of Lahr, located at the foot of the Black Forest in the Rhine valley. Mixed neighborhoods are to be created that fit spatially, functionally and socially into the context, as well as creating diversity of use and urban density. With the integrated urban development concept adopted in 2022, the city has formulated goals for using its existing inner-city land resources. Based on this, sustainable and innovative design approaches are to be developed that recognize existing qualities and use them as a starting point and inspiration for further development. How can responsible conversion, reuse and redensification be carried out? What possibilities for overlapping and mixing uses are conceivable and appropriate? Proposals are wanted with new programmatic and typological perspectives that are suitable for supporting the sustainable transformation of the city of Lahr.

Appointment: Wed 2:00 pm–5:15 pm, Bldg. 11.40, R014

First Meeting: Tue 18.04.2023, 2:00 pm, Bldg. 11.40, R015

Excursion: Fri 28.04.2023

Pin-up: 16.05. and 20.06.2023, 2:00 pm

Submission/Presentation: Wed 26.07.2023

V **Design in Studio Context. Transforming Lahr. Amongst Pines and Highrises. (Engel)** **Project (PRO)**
1731152, SS 2023, 5 SWS, Language: German/English, Open in study portal **On-Site**

Content
Urban development in the 21st century has to deal with a new framework of conditions. In Germany in particular, space and housing are in short supply, and climate change is forcing us to rethink mobility and resource consumption. In order to meet the simultaneously increasing demand for affordable residential and commercial space, existing neighborhoods must be spatially and functionally supplemented and further developed.

Against this background, urban development concepts are to be developed at selected neighborhoods in the city of Lahr, located at the foot of the Black Forest in the Rhine valley. Mixed neighborhoods are to be created that fit spatially, functionally and socially into the context, as well as creating diversity of use and urban density. With the integrated urban development concept adopted in 2022, the city has formulated goals for using its existing inner-city land resources. Based on this, sustainable and innovative design approaches are to be developed that recognize existing qualities and use them as a starting point and inspiration for further development. How can responsible conversion, reuse and redensification be carried out? What possibilities for overlapping and mixing uses are conceivable and appropriate? Proposals are wanted with new programmatic and typological perspectives that are suitable for supporting the sustainable transformation of the city of Lahr.

Appointment: Mon – Fri, 02:00 – 05:15 pm

First Meeting: Tue 18.04.2023, 02:00 pm, 11.40 R013

Pin-Up: Tue 16.05.2023, Tue 22.06.2023

Excursion: Fri 28.04.2023

Submission/Presentation: Wed 26.07.2023, 09:00 am, 11.40 Tullahalle

form: group of 4 students

V **Design in Studio Context: Transforming Lahr. Amongst Pines and Highrises. (Bava)** **Project (PRO)**
1731201, SS 2023, 5 SWS, Language: German/English, Open in study portal **On-Site**

Content
Urban development in the 21st century has to deal with a new framework of conditions. In Germany in particular, space and housing are in short supply, and climate change is forcing us to rethink mobility and resource consumption. In order to meet the simultaneously increasing demand for affordable residential and commercial space, existing neighborhoods must be spatially and functionally supplemented and further developed.

Against this background, urban development concepts are to be developed at selected neighborhoods in the city of Lahr, located at the foot of the Black Forest in the Rhine valley. Mixed neighborhoods are to be created that fit spatially, functionally and socially into the context, as well as creating diversity of use and urban density. With the integrated urban development concept adopted in 2022, the city has formulated goals for using its existing inner-city land resources. Based on this, sustainable and innovative design approaches are to be developed that recognize existing qualities and use them as a starting point and inspiration for further development. How can responsible conversion, reuse and redensification be carried out? What possibilities for overlapping and mixing uses are conceivable and appropriate? Proposals are wanted with new programmatic and typological perspectives that are suitable for supporting the sustainable transformation of the city of Lahr.

Appointment: Mon - Fri 2:00 pm – 5:00 pm, 11.40, R127

First Meeting: 18.04.2023, 2:00 pm

Excursion: 28.04.2023

Pin-Up: 16.05.2023 / 20.06.2023

Submission/Presentation: 26.07.2023, 9:00 am

Groups of 4

T 4.29 Course: Design in Studio Material [T-ARCH-109960]

Responsible: Prof. Ludwig Wappner
Organisation: KIT Department of Architecture
Part of: M-ARCH-103549 - Studio Material

Type	Credits	Grading scale	Recurrence	Expansion	Version
Examination of another type	10	Grade to a third	Each winter term	1 terms	1

Events					
WT 23/24	1720520	Design in Studio Material Schneemann: WerkRaum Karlsruhe	8 SWS	Project / 🗣	Schneemann, Hörmann, Wang, Tusinean
WT 23/24	1720521	Design in Studio Material Klinge: WerkRaum Karlsruhe	8 SWS	Project / 🗣	Klinge, Michalski, Weber
WT 23/24	1720522	Design in Studio Material Wappner: WerkRaum Karlsruhe	8 SWS	Project / 🗣	Wappner, Kochhan, Häberle, Hoffmann

Legend: 📱 Online, 🔀 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of architectural design work produced during the semester. Working on the design task takes place in groups of two, there are regular supervisory meetings respectively corrective inputs that take place. The progress monitoring takes place during one's studies within the frame of up to two intermediate and one final presentation. There the worked out results are presented and evaluated in the form of drawings, models, texts and presentations. The time frame for the presentation is approx. 15 minutes per group.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Design in Studio Material Schneemann: WerkRaum Karlsruhe

Project (PRO) On-Site

1720520, WS 23/24, 8 SWS, Language: German/English, Open in study portal

Content
An important urban building block in the form of a research and workroom is to be added to the KIT Campus in the plot between Ernst-Gaber-Strasse, Engesserstrasse, and Adenauerring. As part of an interdisciplinary production platform, the new building is to offer generous and flexible spatial possibilities for the development and research of sustainable production methods for architecture and construction.

A column-free hall as an open and adaptable work laboratory in which all processes can variably take place at any location will be complemented by smaller specialized workshops, technical laboratory rooms, and offices for researchers, architects, and administrative staff, and will provide a representative signal for the KIT faculties at its prominent urban position.

The new building is to meet the functional and programmatic, as well as the ecological and conceptual requirements of a pioneering and innovative research and workshop in a special location in Karlsruhe.

Large spaces, in which a variety of practical experiments will be carried out, characterize the design: the structural and structural analysis of the "large space" will accompany the studio project, and represent an essential and intrinsic part of the design process.

Thus, a building will be created that offers a beautiful and relevant contribution to the current discourse around architecture and craft.

Presentation: 10/18/2023

Intermediate critique 1: 29.11.2023

Intermediate critique 2: 17.01.2024

Magic Week: 05.02.2024 - 09.02.2024

Plan submission: 12.02.2024

Final critique: 14.02.2024

V

Design in Studio Material Klinge: WerkRaum Karlsruhe

1720521, WS 23/24, 8 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

Content

An important urban building block in the form of a research and workroom is to be added to the KIT Campus in the plot between Ernst-Gaber-Strasse, Engesserstrasse, and Adenauerring. As part of an interdisciplinary production platform, the new building is to offer generous and flexible spatial possibilities for the development and research of sustainable production methods for architecture and construction.

A column-free hall as an open and adaptable work laboratory in which all processes can variably take place at any location will be complemented by smaller specialized workshops, technical laboratory rooms, and offices for researchers, architects, and administrative staff, and will provide a representative signal for the KIT faculties at its prominent urban position.

The new building is to meet the functional and programmatic, as well as the ecological and conceptual requirements of a pioneering and innovative research and workshop in a special location in Karlsruhe.

Large spaces, in which a variety of practical experiments will be carried out, characterize the design: the structural and structural analysis of the "large space" will accompany the studio project, and represent an essential and intrinsic part of the design process.

Thus, a building will be created that offers a beautiful and relevant contribution to the current discourse around architecture and craft.Presentation: 10/18/2023

Intermediate critique 1: 29.11.2023

Intermediate critique 2: 17.01.2024

Magic Week: 05.02.2024 - 09.02.2024

Plan submission: 12.02.2024

Final critique: 14.02.2024

V

Design in Studio Material Wappner: WerkRaum Karlsruhe

1720522, WS 23/24, 8 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

Content

An important urban building block in the form of a research and workroom is to be added to the KIT Campus in the plot between Ernst-Gaber-Strasse, Engesserstrasse, and Adenauerring. As part of an interdisciplinary production platform, the new building is to offer generous and flexible spatial possibilities for the development and research of sustainable production methods for architecture and construction.

A column-free hall as an open and adaptable work laboratory in which all processes can variably take place at any location will be complemented by smaller specialized workshops, technical laboratory rooms, and offices for researchers, architects, and administrative staff, and will provide a representative signal for the KIT faculties at its prominent urban position.

The new building is to meet the functional and programmatic, as well as the ecological and conceptual requirements of a pioneering and innovative research and workshop in a special location in Karlsruhe.

Large spaces, in which a variety of practical experiments will be carried out, characterize the design: the structural and structural analysis of the "large space" will accompany the studio project, and represent an essential and intrinsic part of the design process.

Thus, a building will be created that offers a beautiful and relevant contribution to the current discourse around architecture and craft.

Presentation: 10/18/2023

Intermediate critique 1: 29.11.2023

Intermediate critique 2: 17.01.2024

Magic Week: 05.02.2024 - 09.02.2024

Plan submission: 12.02.2024

Final critique: 14.02.2024

T 4.30 Course: Design in Studio Space [T-ARCH-109958]

Responsible: Prof. Marc Frohn
Prof. Simon Hartmann
Prof. Meinrad Morger

Organisation: KIT Department of Architecture

Part of: M-ARCH-103547 - Studio Space

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	10	Grade to a third	Each winter term	1

Events					
WT 23/24	1710101	Design in Studio Space Frohn	8 SWS	Project / 🗣	Frohn, Gazzillo, Gernay, Mori
WT 23/24	1710201	Design in Studio Space Morger	8 SWS	Project	Morger, Kunkel, Schneider, Zaparta
WT 23/24	1710301	Design in Studio Space Hartmann: SOFT SPACE - Climatic Pavilions in Karlsruhe	8 SWS	Project / 🗣	Hartmann, Pereira da Cruz Rodrigues Santana, Garriga Tarres, Coricelli, Kadid

Legend: 📱 Online, 🔀 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of architectural design work produced during the semester. Working on the design task takes place in groups of two, there are regular supervisory meetings respectively corrective inputs that take place. The progress monitoring takes place during one's studies within the frame of up to two intermediate and one final presentation. There the worked out results are presented and evaluated in the form of drawings, models, texts and presentations. The time frame for the presentation is approx. 15 minutes per group.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Design in Studio Space Frohn

1710101, WS 23/24, 8 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

Content
The studio Raum begins by inviting students to rediscover their everyday routines and their everyday environment as interlocking actions and experiences of making space and appropriating space. The seemingly familiar disappears in favor of again-to-be-discovered and redesigned spaces of possibility. Routiniers become discoverers and designers of the surprising in everyday life.

Appointment: Mo-Fr, 02:00 PM–05:30 PM, R127 (Building 11.40)

First meeting: Wed, 18.10.23, 02:00 PM, R127 (Building 11.40)

Excursion: 03. – 06.11.23

Submission/Exam: Wed, 14.02.24

V Design in Studio Space Morger

1710201, WS 23/24, 8 SWS, Language: German, Open in study portal

Project (PRO)

Content
The design course "Studio Raum" serves as an introduction to the phenomena of "architectural space" and to the "architectural elements" that form it. The semester is divided into three parts in which the participants are presented with a first approach to architecture from design to construction.

In Exercise 1 (The architectural elements), the elements foundation, wall, ceiling, opening and staircase are to coalesce in a concrete location to form a building in successive steps. An excursion will allow us to observe the interplay of these elements in built reality.

In Exercise 2 (The architectural space), this experience gained through the previous two exercises is used to design pavilions in the courtyard of the Faculty of Architecture. These are to be developed on the basis of a given use and the material of the existing pavilion (re-use). Finally, the design will be erected in Exercise 3 in the courtyard as part of the «Bauwoche».

First meeting: 25.10.2023 02:00 pm, 20.40 R113, FG GBL

Excursion: 15.12. - 17.12.2023

Submission/Exam: 14.02.2024

Building Days: 20/21.03. & 25. – 28.03.24

V **Design in Studio Space Hartmann: SOFT SPACE - Climatic Pavilions in Karlsruhe** **Project (PRO) On-Site**
1710301, WS 23/24, 8 SWS, Language: German/English, Open in study portal

Content
In your first design as an architecture student, you will explore ways to transform space and its conditions beyond mere functionality. With more than 2000 hours of sunshine a year, Karlsruhe is one of the sunniest cities in Germany and calls for relief on the warmest days. What structural measures can support the use of public and communal spaces?

The bachelor studio "Soft Space: Climate Pavilions in Karlsruhe" aims to awaken students' interest in our cities' built environment and address the interface between public and private space. Following the Karlsruhe Passagehof tradition, we propose to create new pavilions for community living that can actively deal with the meteorological challenges of the city.

The semester consists of group and individual work facilitated by the instructors through weekly table discussions. Collaborative activities and sub-tasks accompany the project work:

- Excursion to the cloister La Tourette document and experience remarkable architectural spaces
- 'Toolbox': students learn and practice various architectural representations.
- Moderated group discussions
- Intermediate critiques
- Final critique: students present and discuss their projects before a panel of external guests.

Regular dates: Monday to Friday 02:00 PM - 05:30 PM , Geb. 11.40 Studio 027

First meeting: Wed 25.10.2023, 2:00 PM, Geb. 20.40 R204

Excursion: 3.11.- 6.11.2023

Final presentation: 14.02. / 15.02.2024

Form of work: Individual & group work

Language: German/English

T 4.31 Course: Design in Studio Structure [T-ARCH-109959]

Responsible: Prof. Ludwig Wappner
Organisation: KIT Department of Architecture
Part of: M-ARCH-103548 - Studio Structure

Type	Credits	Grading scale	Recurrence	Expansion	Version
Examination of another type	10	Grade to a third	Each summer term	1 terms	2

Events					
ST 2023	1720510	Design in Studio Structure: A Home to the Dead (Schneemann)	8 SWS	Project / 🗣	Schneemann, Hörmann, Tusinean
ST 2023	1720511	Design in Studio Structure: A Home to the Dead (Klinge)	8 SWS	Project / 🗣	Klinge, Michalski, Häberle, Weber
ST 2023	1720512	Design in Studio Structure: A Home to the Dead (Wappner)	8 SWS	Project / 🗣	Wappner, Hoffmann, Kochhan

Legend: 💻 Online, 🧩 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of architectural design work produced during the semester. Working on the design task takes place in groups of two, there are regular supervisory meetings respectively corrective inputs that take place. The progress monitoring takes place during one's studies within the frame of up to two intermediate and one final presentation. There the worked out results are presented and evaluated in the form of drawings, models, texts and presentations. The time frame for the presentation is approx. 15 minutes per group.

Prerequisites
Successful completion of the module "Studio Space".

Modeled Conditions
The following conditions have to be fulfilled:

1. The module M-ARCH-103547 - Studio Space must have been passed.

Below you will find excerpts from events related to this course:

V Design in Studio Structure: A Home to the Dead (Schneemann)

1720510, SS 2023, 8 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

Content
The aim of the "Basics of construction technology Studio" is to transport fundamental knowledge on the approach to materials and construction details within the architectural project. The crucial factor defining the character as well as the embodiment of a building, lies within the synthesis of functional and technological necessity, and the creative intention of its design. For this reason, the main focus of the course falls on the grasp of primary constructive, building conditions, as well as the understanding of construction technology within a broader architectural concept. As such, the studio will comprise of two design exercises exploring the specific characteristics of solid and light-frame structures.

Appointment: Mon-Fri 2.00 – 5.15 pm
First Meeting: Wed, April 12 2023, 11.00 am
PinUp: E1: Wed, May 03 2023, 9.00 am
Submission/Exam 1: Wed, May 24 2023, 9.00 am
PinUp: E2: Wed, June 28 2023, 9.00 am
Submission/Exam 2: Wed, July 26 2023, 9.00 am

Organizational issues
Regeltermin: Mo-Fr, 14:00 Uhr – 17:15 Uhr
1.Treffen: Mi, 12.04.23, 11:00 Uhr
Zwischenkritik E1: Mi., 03.05.23, ab 09:00 Uhr
Endpräsentation E1: Mi., 24.05.23, ab 09:00 Uhr
Zwischenkritik E2: Mi., 28.06.23, ab 09:00 Uhr
Endpräsentation E2: Mi., 26.07.23, ab 09:00 Uhr

V **Design in Studio Structure: A Home to the Dead (Klinge)** **Project (PRO) On-Site**
1720511, SS 2023, 8 SWS, Language: German/English, Open in study portal

Content
The aim of the “Basics of construction technology Studio” is to transport fundamental knowledge on the approach to materials, construction details, joints and related circularity aspects within the architectural project. The crucial factor defining the character as well as the embodiment of a building, lies within the synthesis of functional and technological necessity, and the creative and spatial intention of its design. For this reason, the main focus of the course falls on the grasp of primary constructive, building conditions, as well as the understanding of construction technology within a broader architectural concept. As such, the studio will comprise of two smaller design exercises exploring the specific characteristics of heavier solid and light-frame structures.

Appointment:
Mon-Fri 2.00 – 5.15 pm
First Meeting:
Wed, April 12 2023, 11.00 am
PinUp: E1:
Wed, May 03 2023, 9.00 am
Submission/Exam 1:
Wed, May 24 2023, 9.00 am
PinUp: E2:
Wed, June 28 2023, 9.00 am
Submission/Exam 2:
Wed, July 26 2023, 9.00 am

Organizational issues
Regeltermin:
Mo-Fr, 14:00 Uhr – 17:15 Uhr
1.Treffen:
Mi, 12.04.23, 11:00 Uhr
Zwischenkritik E1:
Mi., 03.05.23, ab 09:00 Uhr
Endpräsentation E1:
Mi., 24.05.23, ab 09:00 Uhr
Zwischenkritik E2:
Mi., 28.06.23, ab 09:00 Uhr
Endpräsentation E2:
Mi., 26.07.23, ab 09:00 Uhr

V **Design in Studio Structure: A Home to the Dead (Wappner)** **Project (PRO) On-Site**
1720512, SS 2023, 8 SWS, Language: German/English, Open in study portal

Content
The aim of the “Basics of construction technology Studio” is to transport fundamental knowledge on the approach to materials and construction details within the architectural project. The crucial factor defining the character as well as the embodiment of a building, lies within the synthesis of functional and technological necessity, and the creative intention of its design. For this reason, the main focus of the course falls on the grasp of primary constructive, building conditions, as well as the understanding of construction technology within a broader architectural concept. As such, the studio will comprise of two design exercises exploring the specific characteristics of solid and light-frame structures.

Appointment: Mon-Fri 2.00 – 5.15 pm
First Meeting: Wed, April 12 2023, 11.00 am
PinUp: E1: Wed, May 03 2023, 9.00 am
Submission/Exam 1: Wed, May 24 2023, 9.00 am
PinUp: E2: Wed, June 28 2023, 9.00 am
Submission/Exam 2: Wed, July 26 2023, 9.00 am

Organizational issues
Regeltermin: Mo-Fr, 14:00 Uhr – 17:15 Uhr
1.Treffen: Mi, 12.04.23, 11:00 Uhr
Zwischenkritik E1: Mi., 03.05.23, ab 09:00 Uhr
Endpräsentation E1: Mi., 24.05.23, ab 09:00 Uhr
Zwischenkritik E2: Mi., 28.06.23, ab 09:00 Uhr
Endpräsentation E2: Mi., 26.07.23, ab 09:00 Uhr

T 4.32 Course: Design in Studio System [T-ARCH-109962]

Responsible: Prof.Dipl.-Ing. Dirk Hebel
Prof. Christian Inderbitzin

Organisation: KIT Department of Architecture

Part of: M-ARCH-103551 - Studio System

Type	Credits	Grading scale	Recurrence	Expansion	Version
Examination of another type	10	Grade to a third	Each winter term	1 terms	1

Competence Certificate
Other examination requirements consisting of architectural design work produced during the semester. Working on the design task takes place individually or in groups; regular supervision respectively corrective sessions take place. The progress monitoring takes place during one's studies within the frame of up to two intermediate and one final presentation. There the worked out results are presented and evaluated in the form of drawings, models, texts and presentations.

Prerequisites
none

T 4.33 Course: Fundamentals of Town Planning [T-ARCH-106581]

Responsible: Prof. Henri Bava
Prof. Dr.-Ing. Barbara Engel
Organisation: KIT Department of Architecture
Part of: M-ARCH-103571 - Basics of Urban Planning

Type	Credits	Grading scale	Recurrence	Version
Oral examination	4	Grade to a third	Each summer term	4

Events					
ST 2023	1731151	Basics of Urban Planning: Understanding and Designing the City. (Engel)	2 SWS	Lecture / 🗣	Engel
ST 2023	1731203	Basics of Urban Planning: Landscapearchitecture (Bava)	2 SWS	Lecture / 🗣	Bava, Gerstberger, Romero Carnicero

Legend: 💻 Online, 🖧 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Oral exam lasting 15 minutes on the contents of the lecture.

Below you will find excerpts from events related to this course:

V Basics of Urban Planning: Understanding and Designing the City. (Engel)

1731151, SS 2023, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
Cities are confronted with urgent social, ecological and economic challenges. The lecture provides basic information on current tasks and gives an overview of the repertoire of urban planning and design. It presents methods of critical analysis of urban phenomena as planning principles. Using historical and current urban development projects as examples, morphologies and typologies of the city, development networks and new forms of mobility, strategic planning approaches and forms of participation, and much more are explained. The course provides the necessary content-related and theoretical foundations for design work in the "studio context".

Appointments: Wed, 09:45 – 11:15 am, 20.40 Fritz Haller Hörsaal (HS37)

First Meeting: Wed 19.04.2023

Exam: Mon-Wed 14.-16.08.2023

V Basics of Urban Planning: Landscapearchitecture (Bava)

1731203, SS 2023, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The lectures introduce and deepen the basic understanding of urban design and urban planning in relationship with the most relevant landscape elements. From geography and geology to rivers green public spaces of the city, they all influence on urban decisions, and their effect is alayzed critically. The lectures provide the necessary content and theoretical foundations for the design work in the "Studio context". Design-relevant topics are discussed analyzing concrete examples.

Appointments: Wed 11:30 am - 1:00 pm, 20.40, Neuer Hörsaal (NH)

First Meeting: 19.04.2023

Exam: 14.08.2023 - 16.08.2023

T 4.34 Course: History of Architecture and Urban Planning 2 [T-ARCH-111656]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: M-ARCH-105810 - History of Architecture and Urban Planning and Urban Development

Type	Credits	Grading scale	Recurrence	Version
Written examination	2	Grade to a third	Each winter term	1

Events					
WT 23/24	1741351	History of Architecture and Urban Planning 2	2 SWS	Lecture / 🗣	Medina Warmburg

Legend: 💻 Online, 🎲 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Written exam taking 60 minutes on the contents of the lecture.

Prerequisites
none

Below you will find excerpts from events related to this course:

V History of Architecture and Urban Planning 2

1741351, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
This lecture series, the first of two consecutive modules, examines in chronological order the development of architecture and urban planning across the ages. We will tackle the task of analyzing the driving forces and factors that have determined the cultural change in both the production and the interpretation of architecture and the city. The goal is to describe these changes and to understand their historical logic. Buildings will be addressed as components of the broader city system and the latter will be interpreted in its intertwining with the territorial structure.The lectures in Architecture and Urban History 1 are devoted to the beginnings of architecture and city planning with particular focus to their development from Antiquity to the Early Modern Period.The lecture is accompanied by exercises in which the students dedicate themselves to historical building analysis of selected examples in their particular urban and territorial context.

Exam: 22.02.2024

T 4.35 Course: History of Architecture and Urban Planning 3 [T-ARCH-111665]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: M-ARCH-105811 - History of Architecture and Urban Planning and Building Survey

Type	Credits	Grading scale	Recurrence	Version
Written examination	2	Grade to a third	Each summer term	1

Events					
ST 2023	1741355	History of Architecture and Urban Planning 3	2 SWS	Lecture / 🗣	Medina Warmburg

Legend: 💻 Online, Blended (On-Site/Online), 🗣 On-Site, × Cancelled

Competence Certificate
Written exam taking 60 minutes on the contents of the lecture.

Prerequisites
none

Below you will find excerpts from events related to this course:

V History of Architecture and Urban Planning 3

1741355, SS 2023, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
This lecture series on the history of urban planning examines in chronological order the development of architecture and urban planning across the ages. We will tackle the task of analyzing the driving forces and factors that have determined the cultural change in both the production and the interpretation of the relationship between architecture and the city. The goal is to describe these transformations and to understand their historical logic. Buildings will be addressed as components of the broader city system and the latter will be interpreted in its intertwining with the territorial structure.This module addresses the fundamental changes in architecture and the city in the 20th Century.The focus is on the deep socio-cultural, economic and ecological consequences of industrialization and capitalist production on the modern conceptions of the disciplines of architecture and urban planning. The lecture is accompanied by an exercise in which the students get to know and apply the methods of building surveying(see separate description of this part of the module).

Appointment: Fri 09:45-11:15 pm, Bldg. 20.40, Fritz-Haller-Hörsaal

1. Meeting: 21.04.2023 online with Ilias
Exam: 10.08.2023

T 4.36 Course: In-depth Surveying for Architects [T-BGU-107443]

Responsible: Dr.-Ing. Manfred Juretzko
Organisation: KIT Department of Civil Engineering, Geo and Environmental Sciences
Part of: M-BGU-104002 - In-depth Surveying for Architects

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each winter term	1

Competence Certificate
Other examination requirements that are made up of the following parts: 3 prepared calculation exercises, participating in 3 practical tutorials, the (drawn) worked out paper on one of the practical exercises as well as producing a (fictional) layout plan for the building planning application.

Prerequisites
none

T 4.37 Course: Internship [T-ARCH-107703]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-103602 - Key Qualifications

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	4	pass/fail	Each term	1

Events					
ST 2023	1700047	Construction Internship		Practical course	
WT 23/24	1700041	Construction Internship		Practical course	

Competence Certificate
Internship report having at least 3 pages is to be produced. This should be handed in to the Internship Office of the faculty and needs to include a certification by the company worked at, specifying the contents and the time period of the internship.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Construction Internship

1700047, SS 2023, SWS, Language: German/English, Open in study portal

Practical course (P)

Content
In the Key Qualifications module, a construction internship in the main construction trade amounting to 120 hours working time (SPO 2016: 3 weeks full-time/4 LP, SPO 2021: 2 weeks full-time/ 3 LP) can also be credited. For the recognition an internship report of at least 3 pages has to be prepared and has to be submitted to the Dean's Office of Studies of the KIT-Department of Architecture with a certificate of the company about content and working hours of the internship.

V Construction Internship

1700041, WS 23/24, SWS, Language: German/English, Open in study portal

Practical course (P)

Content
In the Key Qualifications module, a construction internship in the main construction trade amounting to

120 hours working time (3 weeks full-time/4 CP) SPO2016

90 hours working time (12 days full-time/3 CP) SPO2021

can also be credited. For the recognition an internship report of at least 3 pages has to be prepared and has to be submitted to the Dean's Office of Studies of the KIT-Department of Architecture with a certificate of the company about content and working hours of the internship.

T 4.38 Course: Key Qualifications at the HoC, ZAK or Sprachenzentrum [T-ARCH-110592]

Organisation: KIT Department of Architecture
Part of: M-ARCH-103602 - Key Qualifications

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	1	pass/fail	Each term	1

Competence Certificate
The progress monitoring takes place in the form of completed coursework that varies type-wise and scope-wise, depending upon the course taken.

Prerequisites
none

Self service assignment of supplementary stdues
This course can be used for self service assignment of grade aquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Zentrum für Angewandte Kulturwissenschaft und Studium Generale

T 4.39 Course: Law for Architects and Construction Planning Law [T-ARCH-111669]

Responsible: Helmut Ebersbach
Hon.-Prof. Dr. Jörg Menzel
Organisation: KIT Department of Architecture
Part of: M-ARCH-105814 - Law for Architects and Construction Planning Law

Type	Credits	Grading scale	Recurrence	Version
Written examination	4	Grade to a third	Each summer term	1

Events					
ST 2023	1731154	Law for Architects	2 SWS	Lecture / Practice /	Ebersbach
ST 2023	1731156	Construction Planning Law	2 SWS	Lecture / Practice /	Menzel, Finger

Legend: Online, Blended (On-Site/Online), On-Site, Cancelled

Competence Certificate
Written exam lasting 120 minutes.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Law for Architects

1731154, SS 2023, 2 SWS, Language: German, Open in study portal

Lecture / Practice (VÜ)
On-Site

Content
The practice-oriented treatment of the building and architect contract with VOB and HOAI as well as entrepreneurial activity forms of the practice of the architect profession, copyright architect right, professional liability insurance, architect competition, etc. are thematized.

Appointment: Mon, 11:30 am - 01:00 pm, 20.40 Egon-Eiermann-Hörsaal (HS16)

First meeting: Mon 17.04.2023

Submission/Exam: Mon 07.08.2023

V Construction Planning Law

1731156, SS 2023, 2 SWS, Language: German, Open in study portal

Lecture / Practice (VÜ)
On-Site

Content
The lecture deals with building law in Germany.

Appointment: Mon, 05:30 - 07:00 pm, 20.40 Egon-Eiermann-Hörsaal (HS16)

First Meeting: Mo 17.04.2023

Exam: Mo 07.08.2023

T 4.40 Course: Methodicial and Technical Planning Tools [T-ARCH-107329]

Responsible: Prof. Dr.-Ing. Petra von Both
Organisation: KIT Department of Architecture

Part of: M-ARCH-103589 - Methodicial and Technical Planning Tools

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each winter term	1

Competence Certificate
Other examination requirements consisting of a written/planned composition and a 15-minute presentation with a discussion of the results.

Prerequisites
none

T 4.41 Course: Principles of Building Studies and Design [T-ARCH-107309]

Responsible: Prof. Meinrad Morger
Organisation: KIT Department of Architecture

Part of: M-ARCH-103572 - Principles of Building Studies and Design

Type	Credits	Grading scale	Recurrence	Version
Written examination	4	Grade to a third	Each summer term	2

Events					
ST 2023	1710202	Principles of Building Studies and Design	2 SWS	Lecture / 🗣	Morger, Schneider

Legend: 📱 Online, 🌸 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Written exam lasting approx. 60 minutes on the contents of the lecture.

Prerequisites
Requirement for the exam application is having passed the completed coursework "Basics of Building Theory – Practical Course".

Modeled Conditions
The following conditions have to be fulfilled:

1. The course T-ARCH-109233 - Principles of Building Studies and Design - Practical Course must have been passed.

Below you will find excerpts from events related to this course:

V Principles of Building Studies and Design

1710202, SS 2023, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
Building typology is the study of how architecture comes together. It is the study of collected information on buildings, but also of seeing and understanding interrelationships and principles of order. In the natural sciences classification – or taxonomy – was a first step toward understanding how natural processes take place. In architecture, building types are conventionally classified according to their uses in order to be subject to exemplary study. The lectures´ chronologies trace the continuous evolution of important types from their origins until the present. The lectures are supplemented by a series of exercises.

Appointment: Tue.

First meeting: Tue. 18.04.2023, 11:30 HS Egon Eiermann

Exam: Tue. 01.08.2023

T 4.42 Course: Principles of Building Studies and Design - Practical Course [T-ARCH-109233]

Responsible: Prof. Meinrad Morger
Organisation: KIT Department of Architecture

Part of: M-ARCH-103572 - Principles of Building Studies and Design

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	0	pass/fail	Each summer term	1

Events					
ST 2023	1710203	Principles of Building Studies and Design	2 SWS	Practice / 🗣	Morger, Schneider

Legend: 💻 Online, 🧩 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
The completed coursework consists of several tutorials connected to the lecture contents which need to be taken during the semester.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Principles of Building Studies and Design

1710203, SS 2023, 2 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
The lectures 'Principles of Building Studies and Design' are supplemented by a series of exercises.

Appointment: Tue. 08:00 - 11:15 am

First meeting: Tue. 25.04.2023

T 4.43 Course: Selected Topics of Accessibility [T-ARCH-113245]

Responsible: Prof. Dr. Caroline Karmann
Organisation: KIT Department of Architecture
Part of: M-ARCH-106573 - Selected Topics of Accessibility

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
WT 23/24	1720561	Selected Topics of Accessibility: Dis/ability and Built Spaces	4 SWS	Seminar /	Karmann, Riemann, Song
WT 23/24	1720570	Selected Topics of Accessibility: Designing a space for someone unlike you	4 SWS	Seminar /	Karmann, Riemann

Legend: Online, Blended (On-Site/Online), On-Site, × Cancelled

Competence Certificate
Examination of another type in the form of project presentations.

Below you will find excerpts from events related to this course:

V Selected Topics of Accessibility: Dis/ability and Built Spaces

1720561, WS 23/24, 4 SWS, Language: English, Open in study portal

Seminar (S)
Blended (On-Site/Online)

Content
This course provides undergraduate and graduate students with an exploration of (in)accessibility through the analyses of spaces including rich input from various guests. Supplemented by normative guidance, precedents on universal design, and readings on inclusion, provide a comprehensive introduction to accessibility and a critical examination of the design of spaces that often remain exclusive. This course is structured around analyses and design projects. Site visits are planned as part of this course.

Regular times: Friday, 14:00-17:15
First Meeting: Friday 27.10.2023
Exam date: Friday 08.03.2024
Excursion: Mandatory. The date will be arranged in the seminar.

V Selected Topics of Accessibility: Designing a space for someone unlike you

1720570, WS 23/24, 4 SWS, Language: English, Open in study portal

Seminar (S)
Blended (On-Site/Online)

Content
Inspired by an architecture studio taught at Berkeley, this course includes people with disabilities who will co-instruct the seminars and act as clients and experts in the design of spaces. Course materials (theoretical approaches and design guidelines) will complement the themes addressed by these clients experts. The task for architecture students will be not only to learn how to design accessible spaces, but also to listen to people's needs and communicate about space and design intentions in an inclusive way.

Regular times: Friday, 9:45-13:00
First Meeting: Friday, 27.10.2023
Exam date: Friday, 08.03.2024
Excursion: Mandatory. The date will be arranged in the seminar.

T 4.44 Course: Selected Topics of Architectural Theory [T-ARCH-107324]

Responsible: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture

Part of: M-ARCH-103584 - Selected Topics of Architectural Theory

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
ST 2023	1710405	Selected Topics of Architectural Theory:Radical Pedagogies: An investigation	2 SWS	Seminar / 🗣	Meister
WT 23/24	1710404	Selected Topics of Architectural Theory: Modernity's Waste Spaces	4 SWS	Seminar / 🧩	Meister

Legend: 💻 Online, 🧩 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of actively participating in the seminar sessions (oral and written discussion contributions as well as presentations) as well as a study work project whose scope and form is dependent on the respective task assigned.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Selected Topics of Architectural Theory:Radical Pedagogies: An investigation

1710405, SS 2023, 2 SWS, Language: English, Open in study portal

Seminar (S)
On-Site

Content
In this seminar we will discuss the transformation of architectural education after World War II and its impact on today's challenges alongside the recently published book "Radical Pedagogies" (MIT Press 2022). The historical case studies and efforts to defy architecture's status quo will serve as testing ground against pedagogical strategies we might employ today. These radical experiments sought to upend disciplinary foundations and conventional assumptions about the nature of architecture as much as they challenged modernist and colonial norms, decentered building, imagined new roles for the architect, and envisioned participatory forms of practice. Although many of the experimental programs were subsequently abandoned, terminated, or assimilated, they nevertheless helped shape and, in some sense, define architectural discourse and practice. Viewed through their dissolution and afterlife as well as through their founding stories, these projects from the last century raise provocative questions about architecture's role in the new century. The language of reading and discussion is English.

Appointment: Tue. 11:30 -1:00 pm

Number of Participants: 7

V Selected Topics of Architectural Theory: Modernity's Waste Spaces

1710404, WS 23/24, 4 SWS, Language: English, Open in study portal

Seminar (S)
Blended (On-Site/Online)

Content
n view of the problem of modernity's waste, this seminar will focus on modernity's waste spaces: dumps, sewers, camps, abandoned malls, etc.
These are by-products of modernisation and production sites/repositories of modernity's refuse, including its 'human waste', to use Zygmunt Bauman's (problematic) phrase.
Though excluded from the canon and from modernist spaces themselves, these are in fact co-constitutive: modernist space and modernity's waste spaces produce each other.

We will analyze sources in various media and examples from around the world. In view of the fact that modernisation is a dialectical process, we will also look at designers' attempts to reform and reuse waste spaces.

Introduction: Fri., 27.10.2023, 9:45am - 1:00pm

Last date: Fri., 31.01.2024

Number of Participants: 7

T 4.45 Course: Selected Topics of Art History [T-ARCH-107335]

Responsible: Prof. Dr. Oliver Jehle
Organisation: KIT Department of Architecture

Part of: M-ARCH-103594 - Selected Topics of Art History

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
ST 2023	1741312	Selected Topics of Art History: Altarpieces of the Late Middle Ages	2 SWS	Seminar / 🗣	Papenbrock
ST 2023	1741314	Selected Topics of Art History: Uranographia: Cosmic Images as Culture	2 SWS	Seminar / 🗣	Muñoz Morcillo
ST 2023	1741316	Selected Topics of Art History: Towers, Prisons and Palaces - William Beckford's Architecture Parlante	2 SWS	Seminar / 🗣	Jehle
WT 23/24	1741320	Selected Topic of Art History: Travel Explorers, Scholars and artists in America	2 SWS	Seminar / 🗣	Báez Rubi
WT 23/24	1741324	Selected Topics of Art History: Greek Artifices and their Legacy. Ancient Sources and Reception Cases from the Early Modern Period Onward	2 SWS	Seminar / 🗣	Muñoz Morcillo
WT 23/24	1741325	Selected Topic of Art History: The Avantgarde in America	2 SWS	Seminar / 🗣	Báez Rubi
WT 23/24	1741326	Selected Topic of Art History: The "Discovery" of America: Imaginary Projections	2 SWS	Seminar / 🗣	Báez Rubi
WT 23/24	1741327	Selected Topics of Art History: Colour Rush. Johann Liss, Venice and the Age of Travelling	2 SWS	Seminar / 🗣	Jehle
WT 23/24	1741328	Selected Topic of Art History: Reality / Experience / Practice. Gerhard Richter between Painting and Photography	2 SWS	Seminar / 🗣	Fiorentini Elsen

Legend: 💻 Online, 🌐 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of an oral test (qualified discussion contributions, oral presentation or an oral exam lasting for about 15 minutes) and a written paper of about 15 pages.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Selected Topics of Art History: Altarpieces of the Late Middle Ages — **Seminar (S) On-Site**
1741312, SS 2023, 2 SWS, Language: German, Open in study portal

Content
While painting in Italy since Giotto was dominated by murals, in the countries north of the Alps the standards in painting were set by altarpieces. From the Ghent Altarpiece by Jan van Eyck to the Isenheim Altarpiece by Matthias Grünewald, the seminar will present major works of European panel painting of the 15th and early 16th centuries and discuss them from an iconological perspective.

Submission/Exam: written elaboration, 30.09.2023
Number of Participants: 3

V **Selected Topics of Art History: Uranographia: Cosmic Images as Culture** **Seminar (S) On-Site**
1741314, SS 2023, 2 SWS, Language: German, Open in study portal

Content
Fascination and thirst for knowledge have always sparked the production of images of the night sky: from constellations and celestial atlases to moonlit landscapes, moralizing emblems, and complex mythological scenes taking place in cosmic expanses. In the seminar, we trace the textual and image-cultural basis of images of the night sky - with a particular focus on the reception of antiquity and iconographic transformations from the early modern period to our days. In addition to the question of the cultural technique that underpins the creation of cosmic images since antiquity, we discuss the origins of early modern and modern images of the night sky and address cultural and political projections that accompany their purpose-bound "invention."

Submission/Exam: written elaboration, 30.09.2023
Number of Participants: 3

V **Selected Topics of Art History: Towers, Prisons and Palaces - William Beckford's Architecture Parlante** **Seminar (S) On-Site**
1741316, SS 2023, 2 SWS, Language: German, Open in study portal

Content
William Beckford (1760-1844), infant prodigy and heir to a vast fortune, comprehensively educated, was entitled to hope for a brilliant career in England at the end of the 18th century. Things turned out differently. As sensitive as he was eccentric, Beckford took refuge in artificial paradises and eventually became the builder of one of the most enigmatic dwellings in the history of English architecture: Inspired by Piranesi Carceri and modern prison architecture, Fonthill Abbey once towered 90 metres into the sky. James Wyatt, star architect of his time, was responsible for this folly architecture, which we will analyse in the field of tension between the history of literature, art and architecture.

Submission/Exam: written elaboration, 30.09.2023
Number of Participants: 3

V **Selected Topic of Art History: Travel Explorers, Scholars and artists in America** **Seminar (S) On-Site**
1741320, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
The seminar examines the views of explorers, scholars an artists who have traveled and explored America from the sixteenth to the nineteenth century. We will analyze how processes of representation and imagination played an important role in the task of visualizing unknown landscapes and spaces.

Appointment: Tue 9:45-11:15 am, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2024
Number of Participants: 3

V **Selected Topics of Art History: Greek Artifices and their Legacy. Ancient Sources and Reception Cases from the Early Modern Period Onward** **Seminar (S) On-Site**
1741324, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
The lives of ancient Greek painters and sculptors, such as Apelles, Phidias, or Lysipp, as well as female painters, such as Timarete, Eirene, or Calypso, have been preserved only in fragments. Through source-critical work, legends are gradually distinguished from deeds: Greek artifices regain their voice. But these already enjoyed great attention in the Renaissance. The seminar will focus on an earlier appreciation of the artifice figure than previously thought. The transmission of the lives and legends of Greek artifices fueled the antiquarian interest of the Renaissance, provided a decisive contribution to the emergence of humanism, and stimulated a self-conscious production of art, the analysis of which we will address to in the seminar.

Appointment: Fri 2-3:30 pm, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2024
Number of Participants: 3

V **Selected Topic of Art History: The Avantgarde in America** **Seminar (S) On-Site**
1741325, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
The seminar focuses on essential aspects of art production in the Avant-garde movements that took place in Latin America at the end of the nineteenth century and the beginning of the twentieth century. The formal and iconographic characteristics of the art production will be examined from a historical and iconic perspective.

Appointment: Tue 2-3:30 pm, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2024
Number of Participants: 5

V **Selected Topic of Art History: The "Discovery" of America: Imaginary Projections** **Seminar (S) On-Site**
1741326, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
The seminar reflects on how the image of America was produced historiographically and what role played imaginary and cultural spaces forged by means of iconic media in cultural memory. The students will gain insight into the ideas and images that influenced the so-called "invention" of America.

Appointment: Wed 11:30-1 pm, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2024
Number of Participants: 5

V **Selected Topics of Art History: Colour Rush. Johann Liss, Venice and the Age of Travelling** **Seminar (S) On-Site**
1741327, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
As Sandrart reports, Johann Liss (1597-1631) was well acquainted with nightlife, and "stayed out for quite a few days and nights [...] until the bag was empty". Partying and working, but also long journeys determined the life of an exceptional artist who traded the Oldenburg countryside for Italy - in order to translate Caravaggio's influences into his artistic language: Naturalism and dramatic lighting determined his paintings and his sculptural ability to depict emotions and gestures, even desires, qua brushstrokes. We will virtually retrace Liss's busy travels, shed light on the networks he created for himself and ask questions about highly significant patrons.

Appointment: Mon 11:30-1 pm, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2024
Number of Participants: 5

V **Selected Topic of Art History: Reality / Experience / Practice. Gerhard Richter between Painting and Photography** **Seminar (S) On-Site**
1741328, WS 23/24, 2 SWS, Language: German/English, Open in study portal

Content
Considering various groups of his works, we learn about the career of the painter Gerhard Richter, his motivations and intentions, and the principles that guide his pictorial production. Richter's peculiar use of photographic techniques in his paintings raises questions about the meaning of reality, objectivity, and history in Richter's images and pictorial processes, as well as about his understanding of abstraction and his conception of perception and sensation, both in relation to natural space and in the picture.

Appointment: Tue 17:30 - 7 pm, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2024
Number of Participants: 5

Organizational issues
Teilnahme an der ersten und letzten Sitzung sind Plicht!

T 4.46 Course: Selected Topics of Building History [T-ARCH-107336]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture

Part of: M-ARCH-103595 - Selected Topics of Building History

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
ST 2023	1741357	Selected Topics of the History of Architecture and Urban Planning: Hyle: Torfoleum, Heimalol, Metroclo & Co. Environmental History of Architecture (Part 10)	4 SWS	Seminar / 🗣	Medina Warmburg
ST 2023	1741362	Selected Topics of the History of Architecture and Urban Planning: Historic Preservation_ History, Tasks, Goals	4 SWS	Seminar / 🗣	Hücklekemkes
ST 2023	1741363	Selected Topics of the History of Architecture and Urban Planning: Environmental History of Architecture: Case Study: First Market Hall	2 SWS	Seminar / 🗣	Medina Warmburg, Garrido
ST 2023	1741364	Selected Topics of the History of Architecture and Urban Planning: The „Freiburger Hüttenbuch“ and its Relevance for the History of Architecture	2 SWS	Seminar / 🧩	Brehm
ST 2023	1741365	Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 🧩	Hanschke
ST 2023	1741366	Selected Topics of the History of Architecture and Urban Planning: Young Heritage 1960+ _ Postmodernism	2 SWS	Seminar / 🗣	Kurz
WT 23/24	1741361	Selected Topics of the History of Architecture and Urban Planning: Elements of Karlsruhe. Experimental Catalog-Making and Speculative Redesign of Historical Elements	2 SWS	Seminar / 🗣	Garrido
WT 23/24	1741362	Selected Topics of the History of Architecture and Urban Planning: Environmental Biographies. The Evolution of Urban Ecosytems in Karlsruhe.	2 SWS	Seminar / 🗣	Garrido
WT 23/24	1741363	Selected Topics of the History of Architecture and Urban Planning: Sustainable and Robust: The Gothic Architecture of Freiburg Cathedral	2 SWS	Seminar / 🧩	Brehm
WT 23/24	1741364	Selected Topics of the History of Architecture and Urban Planning: Environmental History of Architecture: Logos	2 SWS	Seminar / 🗣	Medina Warmburg

WT 23/24	1741365	Selected Topics of the History of Architecture and Urban Planning: Utopia and Ideology: On the History of the Garden City	2 SWS	Seminar / 🗣	Medina Warmburg
WT 23/24	1741366	Selected Topics of the History of Architecture and Urban Planning: Screening and Mapping the Collection	2 SWS	Seminar / 🗣	Rind
WT 23/24	1741367	Selected Topics of the History of Architecture and Urban Planning: Cities Between Two Rivers	2 SWS	Seminar / 🗣	Rind
WT 23/24	1741370	Selected Topics of the History of Architecture and Urban Planning: Future Needs Provenance – About Dealing With Monuments	2 SWS	Seminar / 🗣	Kurz
WT 23/24	1741371	Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 🗣	Hanschke
WT 23/24	1741373	Selected Topics of the History of Architecture and Urban Planning: Best of 80s _ Local Heros	2 SWS	Seminar / 🗣	Busse

Legend: 💻 Online, 🗣 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of an oral presentation of about 30 minutes as well as the written worked-out paper on this topic. There are certain courses where the examination requirement is project work consisting of a drawing of the given task.

Prerequisites
none

Below you will find excerpts from events related to this course:

V **Selected Topics of the History of Architecture and Urban Planning: Hyle: Torfoleum, Heimalol, Metroclo & Co. Environmental History of Architecture (Part 10)** **Seminar (S) On-Site**
1741357, SS 2023, 4 SWS, Language: German, Open in study portal

Content
For the attempt of linking environmental and architectural history, the consideration of house and city as metabolisms is of central importance. With it, the household of building and operating materials as form-giving agents and principles moves into the focus of historical analysis. Often overlooked is the fact that, at least since industrialization, the energetic and material basis of the built environment has been laid not only by elemental raw materials, but also significantly by and dependent on commodities and markets. The seminar is dedicated to the latter. The subject of investigation will be the relationship between disruptive modernist architectures of the 1920s-30s and innovative products of those years. As primary sources we will make use of product advertisements in leading modernist journals as well as the reports contained therein on modern buildings that were created using the advertised products. The seminar is the tenth part of a series devoted to the environmental history of architecture.

1. Meeting: 27.04.2023 5:30-7:00 pm, Seminar room history of building and architecture; Bldg. 20.40, R 015

Submission/Exam: presentation and paper due 31.08.2023

Number of Paticipants: 5

V **Selected Topics of the History of Architecture and Urban Planning: Historic Preservation_ History, Tasks, Goals** **Seminar (S) On-Site**
1741362, SS 2023, 4 SWS, Language: German, Open in study portal

Content
The seminar provides basic knowledge about the fundamentals of modern monument preservation: What is monument preservation today and how has it developed into this? What should be protected and preserved? Why do we carry out monument preservation, who benefits from it, what goal does it pursue and what categories of cultural monuments are there? What are the methods of historic preservation and what are the challenges in dealing with cultural monuments? Questions like these will be worked on in study groups and discussed during the seminar using examples from practice. The insights will be deepened during an excursion to the UNESCO World Heritage Site Baden-Baden.

Form of event: Attendance with mandatory excursion

1. Meeting: Mo, 24.04.2023 5:30-7 pm

Submission/Exam: presentation and paper due 30.09.2023

Number of Paticipants: 5

V **Selected Topics of the History of Architecture and Urban Planning: Environmental History of Architecture: Case Study: First Market Hall**
1741363, SS 2023, 2 SWS, Language: English, Open in study portal
Seminar (S)
On-Site

Content
The 19th century market is a widespread typology and as such, it was defined like any modern industry; its material supply and product output were only possible thanks to the overlay of multiple infrastructure networks defined by and for its specific location.

As one of the many crossroads between rural and urban areas, the study of its characteristics and its material and energy flows throughout history could serve as a starting point for a more comprehensive study of Karlsruhe's environmental history.

The goal of the seminar is to explore various tools of architectural research such as archival information, images, diagrams, and models to examine, uncover, and communicate the traces of Karlsruhe's overlapping infrastructural layers in order to create an "urban biography" of the city.

Appointment: Tue, 11:30-13:00 pm, Seminar room history of building and architecture; Bldg.

20.40, R 015

Excursion: after arrangement

Submission/Exam: presentation and paper due 31.06.2023

Number of Paticipants: 5

V **Selected Topics of the History of Architecture and Urban Planning: The „Freiburger Hüttenbuch“ and its Relevance for the History of Architecture**
1741364, SS 2023, 2 SWS, Language: German, Open in study portal
Seminar (S)
Blended (On-Site/Online)

Content
The „Freiburger Hüttenbuch“ and its relevance for the history of architecture In this workshop on history of architecture, a historical written source from the 16th century is used to understand what information on building and the building process can be obtained from archives. The participants will gain an insight into the different types of sources and learn to read, understand and interpret historical writings using a practical example. Each participant works with an excerpt from the Bauhüttenbuch, which he or she first transcribes, then compares with other written sources and finally compares with the building as a source. The seminar requires three days of attendance in Freiburg im Breisgau, which can be arranged at the first meeting..

First Meeting: 21.04.2023, 2-3:30 pm online

Submission/Exam: presentation and paper due 31.09.2023

Number of Paticipants:3

V **Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice**
1741365, SS 2023, 2 SWS, Language: German, Open in study portal
Block (B)
Blended (On-Site/Online)

Content
The preservation and maintenance of historical monuments or monument ensembles is a task that is performed by specialized architectural firms, restorers and monument protection authorities. The seminar gives an insight into selected topics and questions. The focus is on the history and theory of monument preservation, the history of central European town houses, inventory, practical examples of monument preservation and old building

The seminar is offered as an online compact course

1. Meeting: Thu 20.04.2023 5:30 pm, online

Submission/Exam: presentation and paper due 30.09.2023

Number of Paticipants:5

V **Selected Topics of the History of Architecture and Urban Planning: Young Heritage 1960+ _ Postmodernism** **Seminar (S) On-Site**
1741366, SS 2023, 2 SWS, Language: German, Open in study portal

Content
In this seminar, the heritage of postmodern architecture, which emerged between 1970 and 1990, will be negotiated. This phase of architectural history has been little researched so far and represents a challenge in preservation and renewal. Using a self-selected object, the respective histories of origin and change as well as the monument values and criteria and the historical significance will be examined. In addition, the identity-creating potentials of the object for a local appropriation are examined and put in relation to traditional monument expectations. It is about the future of these monuments, about developing them further with respect and perspective.

The results can serve as a basis for the submission to the student competition 1960+ / Pleas for the Preservation of Postmodern Buildings of ICOMOS.

Appointment: Mo 3.45 – 5.15 pm, Seminar room history of building and architecture; Bldg. 20.40, R 015

1. Meeting: Mo 24.04.2023

Submission/Exam: presentation and paper due 10.07.2023

Number of Paticipants:8

V **Selected Topics of the History of Architecture and Urban Planning: Elements of Karlsruhe. Experimental Catalog-Making and Speculative Redesign of Historical Elements** **Seminar (S) On-Site**
1741361, WS 23/24, 2 SWS, Language: English, Open in study portal

Content
The seminar will focus on the utilization of architecture research and modeling tools to discover, catalogue, and re-envision a sequence of architectural elements present in the city of Karlsruhe. Focusing on multiple aspects including geometry, materials, manufacturing techniques and their meanings and ethics, the seminar's primary goal resides in the reevaluation of their roles within a highly speculative environment.

Taking advantage of tools for reality capture and 3d design such as parametric tools and high-frequency sculpting, the seminar will explore the potentialities in registering architectural components and embracing catalog-making tools, defining a series of ‘architectural ingredients’ for future speculative design scenarios.

Excursion after arrangement

Submission/Exam: Presentation and written essay till 10.03.2024

Number of Participants: 8

V **Selected Topics of the History of Architecture and Urban Planning: Environmental Biographies. The Evolution of Urban Ecosytems in Karlsruhe.** **Seminar (S) On-Site**
1741362, WS 23/24, 2 SWS, Language: English, Open in study portal

Content
The Schlossgarten in Karlsruhe has been a critical piece of the city's infrastructure since its foundation, serving not only as an illustration of the state's power but also as an integral component within the built environment.

The objective of the seminar is to explore various architectural research and representation tools, including archival material, diagrams and 3d models and through them, the aim is to uncover, analyze and communicate the intricate layers of overlapping infrastructure in the Schlossgarten, crafting an "urban biography" portraying the city's evolution.

The participants will be required to participate in the Stegreif exercise by A. Romero Carnicero “Mapping Zirkel's ecological occurrences” (Prof. Landschaftsarchitektur).

Excursion after arrangement

Submission/Exam: presentation and submission due 11.03.2024

Number of Paticipants 8

V **Selected Topics of the History of Architecture and Urban Planning: Sustainable and Robust: The Gothic Architecture of Freiburg Cathedral** **Seminar (S) Blended (On-Site/Online)**
1741363, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
For over 700 years, the architecture of Freiburg Cathedral has defied wind and weather. How did the medieval master builders manage to give the building such a long service life? What means and methods were needed over the centuries to ensure its durability? In the seminar, we will explore five different topics and examine how sustainable Freiburg Cathedral is and which methods are still applicable today.

First Meeting: 27.10.2023, 2 pm, Bldg. 20.40 Seminarraum Bau- und Architekturgeschichte R 015

Submission/Exam: presentation and paper due 31.03.2023

Number of Participants: 4

V **Selected Topics of the History of Architecture and Urban Planning: Environmental History of Architecture: Logos** **Seminar (S) On-Site**
1741364, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
The environmental history of architecture addresses an expanded field of observation that builds bridges to historical human geography and urban environmental history, revealing operational, syntactic, and semantic relations within the environmental system. This raises the question of whether or how these relationships constitute a specific language of architecture, with its own arguments and metaphors, its own poetics and rhetoric. We will explore these questions through selected buildings. The focus will be on the overarching question of what language(s) architecture speaks after, with, and for nature.

Supervisor: Prof. Dr. Joaquín Medina Warmburg

Meetings: Tuesdays 17:30-19:00 Uhr

Place: Bibliothek der Professur Bau- und Architekturgeschichte

Submission/Exam: presentation and paper due 31.03.2024

Number of Participants:5

V **Selected Topics of the History of Architecture and Urban Planning: Utopia and Ideology: On the History of the Garden City** **Seminar (S) On-Site**
1741365, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
With the emergence of urban planning as a scientific and artistic discipline, new and, above all, more livable urban models also emerged, such as that of the garden city, which originated in England in the late 19th century and from there was discussed and implemented worldwide. This was also the case in Germany, where Karlsruhe took a leading role in spreading the ideal of an urban and rural life at the same time. Starting from the garden city of Rüppurr, we will deal in the seminar with the architectural, urbanistic and landscape features, but also with the ideological, social, economic contents of the garden city model and ask about its current pertinence.

Supervisor: Prof. Dr. Joaquín Medina Warmburg

Meetings: Donnerstags 17:30-19:00 Uhr

Place: Bibliothek der Professur Bau- und Architekturgeschichte

Submission/Exam: presentation and paper due 31.03.2024

Number of Paticipants:5

V

Selected Topics of the History of Architecture and Urban Planning: Screening and Mapping the Collection

Seminar (S)
On-Site

1741366, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
Since architectural history has been taught, a wide variety of visual media has been used, especially photographs. The KIT Collection of Architectural History contains a large collection of slides as well as reproductions on paper. This collection will be examined in the context of the seminar using the example of Karlsruhe: Which images are representative for an architectural history of Karlsruhe? What focus is placed on the buildings by the selection of images? Where are these buildings located on the city map, which focal points, but also gaps become visible? In addition to these content-related questions, we also deal with digitization as well as information for a long-term archiving of the collection.

Submission/Exam: Creation of several short texts on selected images

Number of Paticipants: 6

V

Selected Topics of the History of Architecture and Urban Planning: Cities Between Two Rivers

Seminar (S)
On-Site

1741367, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
Many cities were founded along rivers. Some even between two rivers. What does this mean for the layout of the cities and their architectures? How were the rivers integrated into the city, used as natural space, resource, infrastructure, etc.? How was the threat of flooding dealt with? How were the other banks of the rivers integrated? In the seminar we will examine the architectural and urban planning history of Mannheim and Koblenz in relation to their dis-/connections to the respective rivers.

Excursion: One day excursion each to Mannheim and Koblenz is mandatory. The dates will be arranged in the seminar.

Submission /Presentation: presentation and paper

Number of Paticipants: 6

V

Selected Topics of the History of Architecture and Urban Planning: Future Needs Provenance – About Dealing With Monuments

Seminar (S)
On-Site

1741370, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
The seminar is about the skills and the desire to bring monuments and other valuable buildings appropriately into the future. To this end, we look at the planning and constructional handling of various monuments and deal with topics such as: cultural significance, inventory investigations, as well as the choice of methods and measures. On the basis of concrete projects, we drill into the depths of theory at the crucial points and sound out exemplary aspects of the discursive character of the discipline of "monument preservation". The focus is on monuments of the 20th century.

Submission/Exam: Development of various contributions / presentations as well as guiding questions for the discussion in the seminar. A written summary is to be handed in together with the contribution / presentation due 31.03.2023

Number of Paticipants: 6

V

Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice

1741371, WS 23/24, 2 SWS, Language: German, Open in study portal

Block (B)
Blended (On-Site/Online)

Content

The preservation and maintenance of historical monuments or monument ensembles is a task that is performed by specialized architectural firms, restorers and monument protection authorities. The seminar gives an insight into selected topics and questions. The focus is on the history and theory of monument preservation, the history of central European town houses, inventory, practical examples of monument preservation and old building renovation as well as legal considerations.

Appointment: The seminar is offered as a compact course, 20.40 R015 Seminarraum Bau- und Architekturgeschichte

First Meeting online: Mi 25.10.2023, 6 p.m.

Submission/Exam: presentation and paper due 31.03.2024

Number of Participants: 6

V

Selected Topics of the History of Architecture and Urban Planning: Best of 80s _ Local Heros

1741373, WS 23/24, 2 SWS, Language: German, Open in study portal

Seminar (S)
On-Site

Content

As part of a research series on existing buildings in Karlsruhe, the legacy of post-modern architecture created between 1970 and 1990 is negotiated.

The focus is on urban buildings and squares of this period, which were created with a great willingness to experiment in the vicinity of the faculty. The study explores the historical narratives as well as the conservation and monument values. It is about the analysis of existing building fabric and the development and application of appropriate criteria.

Questions are asked about architectural expression, construction methods, patterns and decorative elements. What forms of appropriation of the past can be demonstrated and how was this implemented in the design? How are the qualities distinguished and how can the buildings be evaluated?

Number of Paticipants: 5

Submission/Exam: presentation and paper

T 4.47 Course: Selected Topics of Building History 2 [T-ARCH-111168]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: M-ARCH-105564 - Selected Topics of Building History 2

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
ST 2023	1741357	Selected Topics of the History of Architecture and Urban Planning: Hyle: Torfoleum, Heimalol, Metroclo & Co. Environmental History of Architecture (Part 10)	4 SWS	Seminar / 🗣	Medina Warmburg
ST 2023	1741362	Selected Topics of the History of Architecture and Urban Planning: Historic Preservation_ History, Tasks, Goals	4 SWS	Seminar / 🗣	Hücklekemkes
ST 2023	1741363	Selected Topics of the History of Architecture and Urban Planning: Environmental History of Architecture: Case Study: First Market Hall	2 SWS	Seminar / 🗣	Medina Warmburg, Garrido
ST 2023	1741364	Selected Topics of the History of Architecture and Urban Planning: The „Freiburger Hüttenbuch“ and its Relevance for the History of Architecture	2 SWS	Seminar / 🧩	Brehm
ST 2023	1741365	Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 🧩	Hanschke
ST 2023	1741366	Selected Topics of the History of Architecture and Urban Planning: Young Heritage 1960+ _ Postmodernism	2 SWS	Seminar / 🗣	Kurz
WT 23/24	1741361	Selected Topics of the History of Architecture and Urban Planning: Elements of Karlsruhe. Experimental Catalog-Making and Speculative Redesign of Historical Elements	2 SWS	Seminar / 🗣	Garrido
WT 23/24	1741362	Selected Topics of the History of Architecture and Urban Planning: Environmental Biographies. The Evolution of Urban Ecosytems in Karlsruhe.	2 SWS	Seminar / 🗣	Garrido
WT 23/24	1741363	Selected Topics of the History of Architecture and Urban Planning: Sustainable and Robust: The Gothic Architecture of Freiburg Cathedral	2 SWS	Seminar / 🧩	Brehm
WT 23/24	1741364	Selected Topics of the History of Architecture and Urban Planning: Environmental History of Architecture: Logos	2 SWS	Seminar / 🗣	Medina Warmburg

WT 23/24	1741365	Selected Topics of the History of Architecture and Urban Planning: Utopia and Ideology: On the History of the Garden City	2 SWS	Seminar / 🗣	Medina Warmburg
WT 23/24	1741366	Selected Topics of the History of Architecture and Urban Planning: Screening and Mapping the Collection	2 SWS	Seminar / 🗣	Rind
WT 23/24	1741367	Selected Topics of the History of Architecture and Urban Planning: Cities Between Two Rivers	2 SWS	Seminar / 🗣	Rind
WT 23/24	1741370	Selected Topics of the History of Architecture and Urban Planning: Future Needs Provenance – About Dealing With Monuments	2 SWS	Seminar / 🗣	Kurz
WT 23/24	1741371	Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 🗣	Hanschke
WT 23/24	1741373	Selected Topics of the History of Architecture and Urban Planning: Best of 80s _ Local Heros	2 SWS	Seminar / 🗣	Busse

Legend: 💻 Online, 🗣 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of an oral presentation of about 30 minutes as well as the written worked-out paper on this topic. There are certain courses where the examination requirement is project work consisting of a drawing of the given task.

Prerequisites
none

Below you will find excerpts from events related to this course:

V **Selected Topics of the History of Architecture and Urban Planning: Hyle: Torfoleum, Heimalol, Metroclo & Co. Environmental History of Architecture (Part 10)** **Seminar (S) On-Site**
1741357, SS 2023, 4 SWS, Language: German, Open in study portal

Content
For the attempt of linking environmental and architectural history, the consideration of house and city as metabolisms is of central importance. With it, the household of building and operating materials as form-giving agents and principles moves into the focus of historical analysis. Often overlooked is the fact that, at least since industrialization, the energetic and material basis of the built environment has been laid not only by elemental raw materials, but also significantly by and dependent on commodities and markets. The seminar is dedicated to the latter. The subject of investigation will be the relationship between disruptive modernist architectures of the 1920s-30s and innovative products of those years. As primary sources we will make use of product advertisements in leading modernist journals as well as the reports contained therein on modern buildings that were created using the advertised products. The seminar is the tenth part of a series devoted to the environmental history of architecture.

1. Meeting: 27.04.2023 5:30-7:00 pm, Seminar room history of building and architecture; Bldg. 20.40, R 015

Submission/Exam: presentation and paper due 31.08.2023

Number of Paticipants: 5

V **Selected Topics of the History of Architecture and Urban Planning: Historic Preservation_ History, Tasks, Goals** **Seminar (S) On-Site**
1741362, SS 2023, 4 SWS, Language: German, Open in study portal

Content
The seminar provides basic knowledge about the fundamentals of modern monument preservation: What is monument preservation today and how has it developed into this? What should be protected and preserved? Why do we carry out monument preservation, who benefits from it, what goal does it pursue and what categories of cultural monuments are there? What are the methods of historic preservation and what are the challenges in dealing with cultural monuments? Questions like these will be worked on in study groups and discussed during the seminar using examples from practice. The insights will be deepened during an excursion to the UNESCO World Heritage Site Baden-Baden.

Form of event: Attendance with mandatory excursion

1. Meeting: Mo, 24.04.2023 5:30-7 pm

Submission/Exam: presentation and paper due 30.09.2023

Number of Paticipants: 5

V **Selected Topics of the History of Architecture and Urban Planning: Environmental History of Architecture: Case Study: First Market Hall**
1741363, SS 2023, 2 SWS, Language: English, Open in study portal
Seminar (S)
On-Site

Content
The 19th century market is a widespread typology and as such, it was defined like any modern industry; its material supply and product output were only possible thanks to the overlay of multiple infrastructure networks defined by and for its specific location.

As one of the many crossroads between rural and urban areas, the study of its characteristics and its material and energy flows throughout history could serve as a starting point for a more comprehensive study of Karlsruhe's environmental history.

The goal of the seminar is to explore various tools of architectural research such as archival information, images, diagrams, and models to examine, uncover, and communicate the traces of Karlsruhe's overlapping infrastructural layers in order to create an "urban biography" of the city.

Appointment: Tue, 11:30-13:00 pm, Seminar room history of building and architecture; Bldg.

20.40, R 015

Excursion: after arrangement

Submission/Exam: presentation and paper due 31.06.2023

Number of Paticipants: 5

V **Selected Topics of the History of Architecture and Urban Planning: The „Freiburger Hüttenbuch“ and its Relevance for the History of Architecture**
1741364, SS 2023, 2 SWS, Language: German, Open in study portal
Seminar (S)
Blended (On-Site/Online)

Content
The „Freiburger Hüttenbuch“ and its relevance for the history of architecture In this workshop on history of architecture, a historical written source from the 16th century is used to understand what information on building and the building process can be obtained from archives. The participants will gain an insight into the different types of sources and learn to read, understand and interpret historical writings using a practical example. Each participant works with an excerpt from the Bauhüttenbuch, which he or she first transcribes, then compares with other written sources and finally compares with the building as a source. The seminar requires three days of attendance in Freiburg im Breisgau, which can be arranged at the first meeting..

First Meeting: 21.04.2023, 2-3:30 pm online

Submission/Exam: presentation and paper due 31.09.2023

Number of Paticipants:3

V **Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice**
1741365, SS 2023, 2 SWS, Language: German, Open in study portal
Block (B)
Blended (On-Site/Online)

Content
The preservation and maintenance of historical monuments or monument ensembles is a task that is performed by specialized architectural firms, restorers and monument protection authorities. The seminar gives an insight into selected topics and questions. The focus is on the history and theory of monument preservation, the history of central European town houses, inventory, practical examples of monument preservation and old building

The seminar is offered as an online compact course

1. Meeting: Thu 20.04.2023 5:30 pm, online

Submission/Exam: presentation and paper due 30.09.2023

Number of Paticipants:5

V **Selected Topics of the History of Architecture and Urban Planning: Young Heritage 1960+ _ Postmodernism** **Seminar (S) On-Site**
1741366, SS 2023, 2 SWS, Language: German, Open in study portal

Content
In this seminar, the heritage of postmodern architecture, which emerged between 1970 and 1990, will be negotiated. This phase of architectural history has been little researched so far and represents a challenge in preservation and renewal. Using a self-selected object, the respective histories of origin and change as well as the monument values and criteria and the historical significance will be examined. In addition, the identity-creating potentials of the object for a local appropriation are examined and put in relation to traditional monument expectations. It is about the future of these monuments, about developing them further with respect and perspective.

The results can serve as a basis for the submission to the student competition 1960+ / Pleas for the Preservation of Postmodern Buildings of ICOMOS.

Appointment: Mo 3.45 – 5.15 pm, Seminar room history of building and architecture; Bldg. 20.40, R 015

1. Meeting: Mo 24.04.2023

Submission/Exam: presentation and paper due 10.07.2023

Number of Paticipants:8

V **Selected Topics of the History of Architecture and Urban Planning: Elements of Karlsruhe. Experimental Catalog-Making and Speculative Redesign of Historical Elements** **Seminar (S) On-Site**
1741361, WS 23/24, 2 SWS, Language: English, Open in study portal

Content
The seminar will focus on the utilization of architecture research and modeling tools to discover, catalogue, and re-envision a sequence of architectural elements present in the city of Karlsruhe. Focusing on multiple aspects including geometry, materials, manufacturing techniques and their meanings and ethics, the seminar's primary goal resides in the reevaluation of their roles within a highly speculative environment.

Taking advantage of tools for reality capture and 3d design such as parametric tools and high-frequency sculpting, the seminar will explore the potentialities in registering architectural components and embracing catalog-making tools, defining a series of ‘architectural ingredients’ for future speculative design scenarios.

Excursion after arrangement

Submission/Exam: Presentation and written essay till 10.03.2024

Number of Participants: 8

V **Selected Topics of the History of Architecture and Urban Planning: Environmental Biographies. The Evolution of Urban Ecosytems in Karlsruhe.** **Seminar (S) On-Site**
1741362, WS 23/24, 2 SWS, Language: English, Open in study portal

Content
The Schlossgarten in Karlsruhe has been a critical piece of the city's infrastructure since its foundation, serving not only as an illustration of the state's power but also as an integral component within the built environment.

The objective of the seminar is to explore various architectural research and representation tools, including archival material, diagrams and 3d models and through them, the aim is to uncover, analyze and communicate the intricate layers of overlapping infrastructure in the Schlossgarten, crafting an "urban biography" portraying the city's evolution.

The participants will be required to participate in the Stegreif exercise by A. Romero Carnicero “Mapping Zirkel's ecological occurrences” (Prof. Landschaftsarchitektur).

Excursion after arrangement

Submission/Exam: presentation and submission due 11.03.2024

Number of Paticipants 8

V **Selected Topics of the History of Architecture and Urban Planning: Sustainable and Robust: The Gothic Architecture of Freiburg Cathedral** **Seminar (S) Blended (On-Site/Online)**
1741363, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
For over 700 years, the architecture of Freiburg Cathedral has defied wind and weather. How did the medieval master builders manage to give the building such a long service life? What means and methods were needed over the centuries to ensure its durability? In the seminar, we will explore five different topics and examine how sustainable Freiburg Cathedral is and which methods are still applicable today.

First Meeting: 27.10.2023, 2 pm, Bldg. 20.40 Seminarraum Bau- und Architekturgeschichte R 015

Submission/Exam: presentation and paper due 31.03.2023

Number of Participants: 4

V **Selected Topics of the History of Architecture and Urban Planning: Environmental History of Architecture: Logos** **Seminar (S) On-Site**
1741364, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
The environmental history of architecture addresses an expanded field of observation that builds bridges to historical human geography and urban environmental history, revealing operational, syntactic, and semantic relations within the environmental system. This raises the question of whether or how these relationships constitute a specific language of architecture, with its own arguments and metaphors, its own poetics and rhetoric. We will explore these questions through selected buildings. The focus will be on the overarching question of what language(s) architecture speaks after, with, and for nature.

Supervisor: Prof. Dr. Joaquín Medina Warmburg

Meetings: Tuesdays 17:30-19:00 Uhr

Place: Bibliothek der Professur Bau- und Architekturgeschichte

Submission/Exam: presentation and paper due 31.03.2024

Number of Participants:5

V **Selected Topics of the History of Architecture and Urban Planning: Utopia and Ideology: On the History of the Garden City** **Seminar (S) On-Site**
1741365, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
With the emergence of urban planning as a scientific and artistic discipline, new and, above all, more livable urban models also emerged, such as that of the garden city, which originated in England in the late 19th century and from there was discussed and implemented worldwide. This was also the case in Germany, where Karlsruhe took a leading role in spreading the ideal of an urban and rural life at the same time. Starting from the garden city of Rüppurr, we will deal in the seminar with the architectural, urbanistic and landscape features, but also with the ideological, social, economic contents of the garden city model and ask about its current pertinence.

Supervisor: Prof. Dr. Joaquín Medina Warmburg

Meetings: Donnerstags 17:30-19:00 Uhr

Place: Bibliothek der Professur Bau- und Architekturgeschichte

Submission/Exam: presentation and paper due 31.03.2024

Number of Paticipants:5

V

Selected Topics of the History of Architecture and Urban Planning: Screening and Mapping the Collection

Seminar (S)
On-Site

1741366, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
Since architectural history has been taught, a wide variety of visual media has been used, especially photographs. The KIT Collection of Architectural History contains a large collection of slides as well as reproductions on paper. This collection will be examined in the context of the seminar using the example of Karlsruhe: Which images are representative for an architectural history of Karlsruhe? What focus is placed on the buildings by the selection of images? Where are these buildings located on the city map, which focal points, but also gaps become visible? In addition to these content-related questions, we also deal with digitization as well as information for a long-term archiving of the collection.

Submission/Exam: Creation of several short texts on selected images

Number of Paticipants: 6

V

Selected Topics of the History of Architecture and Urban Planning: Cities Between Two Rivers

Seminar (S)
On-Site

1741367, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
Many cities were founded along rivers. Some even between two rivers. What does this mean for the layout of the cities and their architectures? How were the rivers integrated into the city, used as natural space, resource, infrastructure, etc.? How was the threat of flooding dealt with? How were the other banks of the rivers integrated? In the seminar we will examine the architectural and urban planning history of Mannheim and Koblenz in relation to their dis-/connections to the respective rivers.

Excursion: One day excursion each to Mannheim and Koblenz is mandatory. The dates will be arranged in the seminar.

Submission /Presentation: presentation and paper

Number of Paticipants: 6

V

Selected Topics of the History of Architecture and Urban Planning: Future Needs Provenance – About Dealing With Monuments

Seminar (S)
On-Site

1741370, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
The seminar is about the skills and the desire to bring monuments and other valuable buildings appropriately into the future. To this end, we look at the planning and constructional handling of various monuments and deal with topics such as: cultural significance, inventory investigations, as well as the choice of methods and measures. On the basis of concrete projects, we drill into the depths of theory at the crucial points and sound out exemplary aspects of the discursive character of the discipline of "monument preservation". The focus is on monuments of the 20th century.

Submission/Exam: Development of various contributions / presentations as well as guiding questions for the discussion in the seminar. A written summary is to be handed in together with the contribution / presentation due 31.03.2023

Number of Paticipants: 6

V

Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice

1741371, WS 23/24, 2 SWS, Language: German, Open in study portal

Block (B)
Blended (On-Site/Online)

Content

The preservation and maintenance of historical monuments or monument ensembles is a task that is performed by specialized architectural firms, restorers and monument protection authorities. The seminar gives an insight into selected topics and questions. The focus is on the history and theory of monument preservation, the history of central European town houses, inventory, practical examples of monument preservation and old building renovation as well as legal considerations.

Appointment: The seminar is offered as a compact course, 20.40 R015 Seminarraum Bau- und Architekturgeschichte

First Meeting online: Mi 25.10.2023, 6 p.m.

Submission/Exam: presentation and paper due 31.03.2024

Number of Participants: 6

V

Selected Topics of the History of Architecture and Urban Planning: Best of 80s _ Local Heros

1741373, WS 23/24, 2 SWS, Language: German, Open in study portal

Seminar (S)
On-Site

Content

As part of a research series on existing buildings in Karlsruhe, the legacy of post-modern architecture created between 1970 and 1990 is negotiated.

The focus is on urban buildings and squares of this period, which were created with a great willingness to experiment in the vicinity of the faculty. The study explores the historical narratives as well as the conservation and monument values. It is about the analysis of existing building fabric and the development and application of appropriate criteria.

Questions are asked about architectural expression, construction methods, patterns and decorative elements. What forms of appropriation of the past can be demonstrated and how was this implemented in the design? How are the qualities distinguished and how can the buildings be evaluated?

Number of Paticipants: 5

Submission/Exam: presentation and paper

T 4.48 Course: Selected Topics of Building Technology [T-ARCH-107332]

Responsible: Prof. Dr.-Ing. Rosemarie Wagner
Organisation: KIT Department of Architecture

Part of: M-ARCH-103591 - Selected Topics of Building Technology

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
ST 2023	1720912	Selected Topics of Building Technology: Building Summer - Lime, Clay, Hemp	4 SWS	Seminar / 🗣	Wagner, Dorbach
WT 23/24	1720903	Selected Topics of Building Technology: SOLID. Designing with Mineral Building Materials	4 SWS	Lecture / Practice / 🗣	Wagner, Mildenberger, Dorbach

Legend: 🖥 Online, 🖥🗣 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of a presentation of the design in plans, building a model to a large scale and a written worked-out paper on the practical tutorials; in this a relationship to the design task must be presented.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Selected Topics of Building Technology: Building Summer - Lime, Clay, Hemp

1720912, SS 2023, 4 SWS, Language: German/English, Open in study portal

Seminar (S)
On-Site

Content
BA/MA students are encouraged to explore hemp-clay and hemp-lime as resource-efficient building materials with positive insulating and moisture properties within the seminar "building in summer - lime - clay - hemp". The knowledge about production, processing and use was lost for these very old building materials . The content of the seminar is to gain access to these building materials by testing mixtures, processing them into stones or as filling between wooden constructions. This goes beyond conveying technical data and application possibilities by means of practical implementation, in which experiencing and experiencing the building process are added as sensory impressions. The event will be held in two blocks. The first block will be held at the Campus West KIT and for the second block we are historical park Bärnau-Tachov. The work will be co-supervised by Marlene Dorbach, who is a site manager in Bärnau.

First meeting: Fri. April 28th 2023, 2.00 p.m., building 06.34 R 006 West University Hertzstr. 16.

Block dates by arrangement with interested students.

Mandatory excursions and block date: Week 33 or Week 34 (after consultation with students)

Submission/Examination: 30.09.2023

Number of participants: 20

Translated with www.DeepL.com/Translator (free version)

V Selected Topics of Building Technology: SOLID. Designing with Mineral Building Materials

1720903, WS 23/24, 4 SWS, Language: German/English, Open in study portal

Lecture / Practice (VÜ)
On-Site

Content
Beginning with the raw materials we systematically explore the materials and constructions of solid building. The focus is both on historical origins and technical manufacturing processes, as well as on the fundamental principles of solid load carrying structures and their functional und technical properties.

Lectures and practical exercises alternate to understand the different manufacturing and building concepts. This is where your hands get dirty because we want you to physically understand various clay building techniques and processing techniques for all applications of clay in buildings. You will mix yourself sand, clay, chalk, and create limestone, adobe and bricks,... Excursions complete the program. At the end of the seminar you will work out a structural design.

Appointment: Tue 2:00 pm – 05:15 pm

Place: 06.34 R 112 Westhochschule, Hertzstr. 16

excursions to attend: Regularly as part of the seminar dates

Submission / examination: 05.03.2023

Number of participants: 24

T 4.49 Course: Selected Topics of Building Technology [T-ARCH-107327]

Responsible: TT-Prof. Moritz Dörstelmann
Prof.Dipl.-Ing. Dirk Hebel
Prof. Dr. Caroline Karmann
Prof. Andrea Klinge
Prof. Dr.-Ing. Riccardo La Magna
Prof. Dr.-Ing. Petra von Both
Prof. Andreas Wagner
Prof. Dr.-Ing. Rosemarie Wagner
Prof. Ludwig Wappner

Organisation: KIT Department of Architecture

Part of: M-ARCH-103587 - Selected Topics of Building Technology

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Irregular	1

Competence Certificate
Other examination requirements consisting of a seminar paper in written and/or drawn form of maximum 20 pages and a presentation or an oral talk taking maximum 20 minutes.

Prerequisites
none

T 4.50 Course: Selected Topics of Comfort and Resilience [T-ARCH-113246]

Responsible: Prof. Dr. Caroline Karmann
Organisation: KIT Department of Architecture
Part of: M-ARCH-106574 - Selected Topics of Comfort and Resilience

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
WT 23/24	1720568	Selected Topics of Comfort and Resilience: Daylight and visual comfort	4 SWS	Seminar /	Karmann

Legend: Online, Blended (On-Site/Online), On-Site, × Cancelled

Competence Certificate
Examination of another type in the form of project presentations.

Below you will find excerpts from events related to this course:

V Selected Topics of Comfort and Resilience: Daylight and visual comfort

Seminar (S)
Blended (On-Site/Online)

1720568, WS 23/24, 4 SWS, Language: English, Open in study portal

Content
This course provides students with an in-depth introduction to solar geometry, daylight in buildings, visual comfort and view out. The non-image forming effect of light on our health and the challenges of visual impairment and will also be addressed. While rooted in architectural design, this course will draw on fundamentals of physics, ophthalmology, chronobiology and environmental psychology in order to better understand what is meant by visual well-being in spaces. This course is based on various analysis and design methods, such as scale models, real-world measurements and computer simulation. It is structured around analysis and design projects.

Regular times: Tuesday, 9:45-13:00
First Meeting: Tuesday, 24.10.2023
Exam date: Tuesday, 05.03.2024

T 4.51 Course: Selected Topics of Communication in Architecture [T-ARCH-107326]

Responsible: Prof. Dr. Riklef Rambow
Organisation: KIT Department of Architecture

Part of: M-ARCH-103586 - Selected Topics of Communication in Architecture

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each winter term	1

Events					
WT 23/24	1710451	Selected Topics of Communication in Architecture: Show Them What You Got. Convincing Design Presentation	2 SWS	Seminar / 🗣	Alkadi, Rambow

Legend: 💻 Online, 🎲 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of a presentation/oral report taking 30 minutes and a written paper of max. 20 pages.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Selected Topics of Communication in Architecture: Show Them What You Got. Convincing Design Presentation

Seminar (S) On-Site

1710451, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
Design presentation is one of the most important skills for architects. It is a highly complex task that is closely related to the design process itself. Directly following the contents of the lecture "Introduction to Architectural Communication", in this seminar we will theoretically develop and practically practise the basics of a convincing presentation: The development of a narrative structure, stringent visual and verbal argumentation, optimisation of visual presentation formats, formulation of messages and audience design.

Regular date: Wed. 11:30 am–01:00 pm, Bldg. 20.40 R104 Grüne Grotte
First meeting: 25 October 2023, 11:30 am
Deadline/Test: 20.03.2024
Number of Participants: max. 35

T 4.52 Course: Selected Topics of Digital Design and Fabrication [T-ARCH-111674]

Responsible: TT-Prof. Moritz Dörstelmann
Organisation: KIT Department of Architecture
Part of: M-ARCH-105818 - Selected Topics of Digital Design and Fabrication

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Competence Certificate
Other examination requirements based on a final presentation.

Prerequisites
none

T 4.53 Course: Selected Topics of Environmental Quality and Accessibility [T-ARCH-112500]

Responsible: Prof. Dr. Caroline Karmann
Organisation: KIT Department of Architecture
Part of: M-ARCH-106129 - Selected Topics of Environmental Quality and Accessibility

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
ST 2023	1720561	Selected Topics of Environmental Quality and Accessibility: Dis/ability and Built Spaces	4 SWS	Seminar /	Karmann, Riemann
ST 2023	1720568	Selected Topics of Environmental Quality and Accessibility: Visual Comfort and Daylighting in Spaces	4 SWS	Seminar /	Karmann

Legend: Online, Blended (On-Site/Online), On-Site, × Cancelled

Competence Certificate
Examination of another type in the form of project presentations.

Below you will find excerpts from events related to this course:

V Selected Topics of Environmental Quality and Accessibility: Dis/ability and Built Spaces

Seminar (S)
On-Site

1720561, SS 2023, 4 SWS, Language: German/English, Open in study portal

Content
This course provides undergraduate and graduate students with an exploration of (in)accessibility through the usage of spaces through special equipment aimed at reducing one's freedom of movement. Supplemented by normative guidance, precedents on universal design, and readings on inclusion, this course aims to provide a comprehensive introduction to accessibility and a critical examination of the design of spaces that often remain exclusive. This course is structured around analyses and design projects. A site visits are planned as part of this course.

First Meeting: 21.04.2023
Fri. 9:45-11:15am – 11:30am-1pm
Submission/Exam: 28.07.2023
Number of Participants: 8

V Selected Topics of Environmental Quality and Accessibility: Visual Comfort and Daylighting in Spaces

Seminar (S)
Blended (On-Site/Online)

1720568, SS 2023, 4 SWS, Language: English, Open in study portal

Content
This course provides students with an in-depth introduction to solar geometry, daylight in buildings, visual comfort and view out. The non-image forming effect of light on our health and the challenges of visual impairment and will also be addressed. While rooted in architectural design, this course will draw on fundamentals of physics, ophthalmology, chronobiology and environmental psychology in order to better understand what is meant by visual well-being in spaces. This course is based on various analysis and design methods, such as scale models, real-world measurements and computer simulation. It is structured around analysis and design projects.

First Meeting: 18.04.2023
Regular Meeting:Tuesday, 9:45-11:15 Uhr – 11:30-13:00 Uhr
Submission/Exam: 25.07.2023

T 4.54 Course: Selected Topics of Fine Art 1 [T-ARCH-107322]

Responsible: Prof. Stephen Craig
Organisation: KIT Department of Architecture

Part of: M-ARCH-103582 - Selected Topics of Fine Art 1

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
ST 2023	1710163	Selected Topics of Drawing: Drawing Excursion Summer	4 SWS	Excursion / 🗣	Beyer
ST 2023	1710361	Selected Topics of Drawing: Nude Drawing	4 SWS	Practice / 🗣	Globas
ST 2023	1710362	Selected Topics of Drawing: Light Surfaces	4 SWS	Practice / 🗣	Craig, Kranz
ST 2023	1710364	Selected Topics of Fine Art: Line and time, figure skating on paper	4 SWS	Practice / 🗣	Goetzmann
WT 23/24	1710361	Selected Topcis of Fine Art: Life Drawing	4 SWS	Practice / 🗣	Globas
WT 23/24	1710362	Selected Topcis of Fine Art: How to make a book	4 SWS	Practice / 🗣	Craig, Engel
WT 23/24	1710364	Selected Topics of Fine Arts: Line and time, figure skating on paper.	4 SWS	Practice / 🗣	Goetzmann
WT 23/24	1710365	Selected Topcis of Fine Art: Hochsitzcafé auf der Katzenwedelwiese - Approaches to an Aesthetics of Sustainability	4 SWS	Practice / 🗣	Craig, Schelble
WT 23/24	1710372	Selected Topics of Fine Arts: The Togetherness is the Form	4 SWS	Practice / 🗣	Pawelzyk, Craig
WT 23/24	1710373	Selected Topics of Fine Arts: COM_BREW_CHA Community Brewing LAB	4 SWS	Practice / 🗣	Craig, Kranz

Legend: 💻 Online, 🎲 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of handing in and presenting the semester works produced during the semester (scope, number and type vary according to the topic). Mandatory and a prerequisite is the regular participation in class.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Selected Topics of Drawing: Drawing Excursion Summer

1710163, SS 2023, 4 SWS, Language: German, Open in study portal

Excursion (EXK)
On-Site

Content
Drawing as a method of exploring reality/-ies in an individual approach and perception shall be used for a free evolvement of personality. Preliminary meetings introduce general questions which are basis for an intense work with graphic means of expression during the excursion days. The destination of the drawing excursion is the South of France (Les Grande Causses). The travel has to be organised with private cars.

V **Selected Topics of Drawing: Nude Drawing** **Practice (Ü) On-Site**
1710361, SS 2023, 4 SWS, Language: German, Open in study portal

Content
Illustration of the human body - Possibilities of drawing

Proportion studies and material experiments in different techniques and formats

Appointment: Monday & Thursday ; 6:00 PM - 9:00 PM

First meeting: 20.04.2023; 6:15 PM

Submission/Exam:

Number of participants: 15 + 2 Erasmus

V **Selected Topics of Drawing: Light Surfaces** **Practice (Ü) On-Site**
1710362, SS 2023, 4 SWS, Language: German/English, Open in study portal

Content
Light surfaces

with Nyta / jjoo design

Things, rooms, walls become visible when their surfaces throw more or less light into our eyes. Which colors, which surfaces, which light, which geometry work and interact with each other will be examined together. After a general introduction to light properties and light perception and a joint examination of examples, we will experiment with materials, shapes and light sources. Based on the experiences and knowledge gained, "light surfaces" will be developed and staged - whether this leads to luminaires, models of a room or independent stagings of a chosen phenomenon remains open. At the end of the seminar we will plan together an exhibition of the created objects in the rooms of Nyta, which will be shown on an evening with an apero.

www.nyta.eu, www.jjoo.cc

Appointment: Friday 9:45 AM - 1:00 PM

First meeting: 21.04.2023

Submission/ Exam:

Number of participants: 15

V **Selected Topics of Fine Art: Line and time, figure skating on paper** **Practice (Ü) On-Site**
1710364, SS 2023, 4 SWS, Language: German, Open in study portal

Content
Drawing search movements can imply a vague thought and open up a spontaneous conversation with lines. The quality of this conversation lies in being pen and omitted, which can bring a lightness to the design process.

In "Line and Time, Figure Skating on Paper" we will explore different drawing techniques and approaches. Through various exercises we will playfully learn to connect eye and hand. The development of the power of observation is at the centre of the exercises. Free drawing is a concrete tool to find access to seeing, to train the process of perception, to recognise forms and proportions. The seminar is structured as a process, the drawing skills are developed gradually and playfully and transferred into experimental, open formats during the course of the semester.

Appointment: Tue 6:15 PM - 9:00 PM ;

First meeting: 18.04.2023 , 6:15 PM

Submission/Exam:

Number of participants: 10 + 2 Erasmus

V **Selected Topcis of Fine Art: Life Drawing** **Practice (Ü) On-Site**
1710361, WS 23/24, 4 SWS, Language: German, Open in study portal

Content
Illustration of the human bogy - Possibilities of drawing

Proportion studies and material experiments in different techniques and formats

Appointment: Mo / Th. 06:15 PM - 09:15 PM, 20.40 R204 Zeichensaal

First meeting: 23.10.2023 ; 6:15 PM ; 20.40 R204 Zeichensaal

Number of participants: 13 + 2 Erasmus

Submission/Exam:

V

Selected Topcis of Fine Art: How to make a book

1710362, WS 23/24, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
The seminar deals with the conceptual and designed relationships between image and text in the form of book design as well as with the diverse characteristics of fonts and their specific use.
The results are to visualise personal design approaches and demonstrate a content-oriented treatment of typeface and image.

Appointment: Mo. 2:00 PM - 5:00 PM, 20.40 R221 BPL

First meeting: 30.10.2023 ; 2:00 PM ; 20.40 R221

Number of participants: 6 BA

Submission/ Exam: 22.04.2024

V

Selected Topics of Fine Arts: Line and time, figure skating on paper.

1710364, WS 23/24, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
Drawing search movements can imply a vague thought and open up a spontaneous conversation with lines. The quality of this conversation lies in being pen and omitted, which can bring a lightness to the design process.

In "Line and Time, Figure Skating on Paper" we will explore different drawing techniques and approaches. Through various exercises we will playfully learn to connect eye and hand. The development of the power of observation is at the centre of the exercises. Free drawing is a concrete tool to find access to seeing, to train the process of perception, to recognise forms and proportions. The seminar is structured as a process, the drawing skills are developed gradually and playfully and transferred into experimental, open formats during the course of the semester.

Appointment: Tue 2:00 PM - 5:00 PM, 20.40 R204 BK Zeichensaal

First meeting : 24.10.2023 ; 2:00 PM ; 20.40 R204

Submission/Exam:

Number of participants: 13 + 2 Erasmus

V

Selected Topcis of Fine Art: Hochsitzcafé auf der Katzenwedelwiese - Approaches to an Aesthetics of Sustainability

1710365, WS 23/24, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
As part of the project Hochsitzcafé on the Katzenwedelwiese, an group of high seats is to be artistically designed and built. The temporary art installation, consisting of three high seats, is intended to serve as a platform for communication and a change of perspective on the ZKM's meadow orchard (Katzenwedelwiese). The original meaning of the high seats as a hunting facility is metaphorically shifted to a communal and sociable setting by moving them together in the form of a seating group. In the design and implementation, the aim is to achieve a coherent combination of sustainability and aesthetics. The design possibilities and challenges of planning and building broadly without primary raw materials and with a limited budget are to be investigated. Individual dates can deviate from the regular dates by arrangement.

Locations: Drawing room, KIT wood workshop, Katzenwedelwiese

https://zkm.de/de/magazin/2021/05/die-zkm-streuobstwiese-als-unesco-kulturerbe, St.-Florian- Strasse 14. 76135 Karlsruhe

construction week from 27.11.-01.12.2023 plus 04.12. and 05.12.2023 if required

In cooperation with Olaf Quantius (artist, doctoral student Kunstuni Linz)
Prof'in. Andrea Klinge, Chair of Construction and Design (IEB)
Manuel Michalski, academic assistant, Chair of Construction and Design (IEB)

Prof. Dr.-Ing. Riccardo La Magna, Chair of Structural Engineering and Design (IEB) Tamara Haußer, academic assistant, Chair of Structural Planning and Design (IEB) Anita Knipper, Wood Workshop (ARCH)
Cooperation partners:

Hanna Jurisch, curator (ZKM)
Possibly citizens' association Bulach/Beiertheim

Appointment: Fri, 10 AM - 1 PM, 20.40 R204 Zeichensaal

First meeting: 26.10.2023, 10 AM,

Number of participants: 8 BA

V **Selected Topics of Fine Arts: The Togetherness is the Form** **Practice (Ü) On-Site**
1710372, WS 23/24, 4 SWS, Language: German, Open in study portal

Content
In this seminar we will deal with the topic: body, language and collectivity.

The body, its posture and movement, that non-linguistic space that provides information about inner states, will be our starting point. We go in search of spaces that lie between inside and outside, between the collective and the individual.

These interstices hold space for fluidity, ambiguity and offer chances to fathom relations anew. With the help of the fields of performance, gestures and non-verbal communication, we start the attempt to jointly develop a system of understanding in the form of a variable canon of movement

In open experiments we devote our attention to the body. Different methods such as Feldenkrais practices, Contact Improvisation, as well as QIJ ("nonsense in joggingpants") will provide an experimental space to play.

The seminar takes place in cooperation with the student conference on art education: "Between spaces - stimulate, excite, excite" of the Institute for Art of the PH Karlsruhe

Appointment: Mo. 2:00 PM - 5:00 PM, 20.40 R204 BK

First meeting : Monday 30.10.2023, 2:00 PM, 20.40 R204 BK

Submission/Exam: 12.02.2024

Number of participants: 6 BA

V **Selected Topics of Fine Arts: COM_BREW_CHA Community Brewing LAB** **Practice (Ü) On-Site**
1710373, WS 23/24, 4 SWS, Language: German/English, Open in study portal

Content
Kombucha, Kefir, Kvass
Laboratory, Kitchen, Bar
fermenting, eating and drinking together
sharing knowledge
becoming grounded.
Making natural, non-alcoholic fermented drinks together
and talking about fermentation, circularities, collectivity, symbiosis and care.
Open for all students, WAMs and VTs.
Appointment: Tue, 5:30 PM - 8:30 PM, 20.40 R204 Zeichensaal
First meeting : Tue 24.10.2023, 5:30 PM - 8:30 PM, 20.40 R204 Zeichensaal
Submission/Exam:
Number of participants: 6 BA

T 4.55 Course: Selected Topics of Fine Art 2 [T-ARCH-107323]

Responsible: Prof. Stephen Craig
Organisation: KIT Department of Architecture

Part of: M-ARCH-103583 - Selected Topics of Fine Art 2

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
ST 2023	1710163	Selected Topics of Drawing: Drawing Excursion Summer	4 SWS	Excursion / 🗣	Beyer
ST 2023	1710361	Selected Topics of Drawing: Nude Drawing	4 SWS	Practice / 🗣	Globas
ST 2023	1710362	Selected Topics of Drawing: Light Surfaces	4 SWS	Practice / 🗣	Craig, Kranz
ST 2023	1710364	Selected Topics of Fine Art: Line and time, figure skating on paper	4 SWS	Practice / 🗣	Goetzmann
WT 23/24	1710361	Selected Topcis of Fine Art: Life Drawing	4 SWS	Practice / 🗣	Globas
WT 23/24	1710362	Selected Topcis of Fine Art: How to make a book	4 SWS	Practice / 🗣	Craig, Engel
WT 23/24	1710364	Selected Topics of Fine Arts: Line and time, figure skating on paper.	4 SWS	Practice / 🗣	Goetzmann
WT 23/24	1710365	Selected Topcis of Fine Art: Hochsitzcafé auf der Katzenwedelwiese - Approaches to an Aesthetics of Sustainability	4 SWS	Practice / 🗣	Craig, Schelble
WT 23/24	1710372	Selected Topics of Fine Arts: The Togetherness is the Form	4 SWS	Practice / 🗣	Pawelzyk, Craig
WT 23/24	1710373	Selected Topics of Fine Arts: COM_BREW_CHA Community Brewing LAB	4 SWS	Practice / 🗣	Craig, Kranz

Legend: 💻 Online, 🎲 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of handing in and presenting the semester works produced during the semester (scope, number and type vary according to the topic). Mandatory and a prerequisite is the regular participation in class.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Selected Topics of Drawing: Drawing Excursion Summer

1710163, SS 2023, 4 SWS, Language: German, Open in study portal

Excursion (EXK)
On-Site

Content
Drawing as a method of exploring reality/-ies in an individual approach and perception shall be used for a free evolvement of personality. Preliminary meetings introduce general questions which are basis for an intense work with graphic means of expression during the excursion days. The destination of the drawing excursion is the South of France (Les Grande Causses). The travel has to be organised with private cars.

V **Selected Topics of Drawing: Nude Drawing** **Practice (Ü) On-Site**
1710361, SS 2023, 4 SWS, Language: German, Open in study portal

Content
Illustration of the human body - Possibilities of drawing

Proportion studies and material experiments in different techniques and formats

Appointment: Monday & Thursday ; 6:00 PM - 9:00 PM

First meeting: 20.04.2023; 6:15 PM

Submission/Exam:

Number of participants: 15 + 2 Erasmus

V **Selected Topics of Drawing: Light Surfaces** **Practice (Ü) On-Site**
1710362, SS 2023, 4 SWS, Language: German/English, Open in study portal

Content
Light surfaces

with Nyta / jjoo design

Things, rooms, walls become visible when their surfaces throw more or less light into our eyes. Which colors, which surfaces, which light, which geometry work and interact with each other will be examined together. After a general introduction to light properties and light perception and a joint examination of examples, we will experiment with materials, shapes and light sources. Based on the experiences and knowledge gained, "light surfaces" will be developed and staged - whether this leads to luminaires, models of a room or independent stagings of a chosen phenomenon remains open. At the end of the seminar we will plan together an exhibition of the created objects in the rooms of Nyta, which will be shown on an evening with an apero.

www.nyta.eu, www.jjoo.cc

Appointment: Friday 9:45 AM - 1:00 PM

First meeting: 21.04.2023

Submission/ Exam:

Number of participants: 15

V **Selected Topics of Fine Art: Line and time, figure skating on paper** **Practice (Ü) On-Site**
1710364, SS 2023, 4 SWS, Language: German, Open in study portal

Content
Drawing search movements can imply a vague thought and open up a spontaneous conversation with lines. The quality of this conversation lies in being pen and omitted, which can bring a lightness to the design process.

In "Line and Time, Figure Skating on Paper" we will explore different drawing techniques and approaches. Through various exercises we will playfully learn to connect eye and hand. The development of the power of observation is at the centre of the exercises. Free drawing is a concrete tool to find access to seeing, to train the process of perception, to recognise forms and proportions. The seminar is structured as a process, the drawing skills are developed gradually and playfully and transferred into experimental, open formats during the course of the semester.

Appointment: Tue 6:15 PM - 9:00 PM ;

First meeting: 18.04.2023 , 6:15 PM

Submission/Exam:

Number of participants: 10 + 2 Erasmus

V **Selected Topcis of Fine Art: Life Drawing** **Practice (Ü) On-Site**
1710361, WS 23/24, 4 SWS, Language: German, Open in study portal

Content
Illustration of the human bogy - Possibilities of drawing

Proportion studies and material experiments in different techniques and formats

Appointment: Mo / Th. 06:15 PM - 09:15 PM, 20.40 R204 Zeichensaal

First meeting: 23.10.2023 ; 6:15 PM ; 20.40 R204 Zeichensaal

Number of participants: 13 + 2 Erasmus

Submission/Exam:

V

Selected Topcis of Fine Art: How to make a book

1710362, WS 23/24, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
The seminar deals with the conceptual and designed relationships between image and text in the form of book design as well as with the diverse characteristics of fonts and their specific use.
The results are to visualise personal design approaches and demonstrate a content-oriented treatment of typeface and image.

Appointment: Mo. 2:00 PM - 5:00 PM, 20.40 R221 BPL

First meeting: 30.10.2023 ; 2:00 PM ; 20.40 R221

Number of participants: 6 BA

Submission/ Exam: 22.04.2024

V

Selected Topics of Fine Arts: Line and time, figure skating on paper.

1710364, WS 23/24, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
Drawing search movements can imply a vague thought and open up a spontaneous conversation with lines. The quality of this conversation lies in being pen and omitted, which can bring a lightness to the design process.

In "Line and Time, Figure Skating on Paper" we will explore different drawing techniques and approaches. Through various exercises we will playfully learn to connect eye and hand. The development of the power of observation is at the centre of the exercises. Free drawing is a concrete tool to find access to seeing, to train the process of perception, to recognise forms and proportions. The seminar is structured as a process, the drawing skills are developed gradually and playfully and transferred into experimental, open formats during the course of the semester.

Appointment: Tue 2:00 PM - 5:00 PM, 20.40 R204 BK Zeichensaal

First meeting : 24.10.2023 ; 2:00 PM ; 20.40 R204

Submission/Exam:

Number of participants: 13 + 2 Erasmus

V

Selected Topcis of Fine Art: Hochsitzcafé auf der Katzenwedelwiese - Approaches to an Aesthetics of Sustainability

1710365, WS 23/24, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
As part of the project Hochsitzcafé on the Katzenwedelwiese, an group of high seats is to be artistically designed and built. The temporary art installation, consisting of three high seats, is intended to serve as a platform for communication and a change of perspective on the ZKM's meadow orchard (Katzenwedelwiese). The original meaning of the high seats as a hunting facility is metaphorically shifted to a communal and sociable setting by moving them together in the form of a seating group. In the design and implementation, the aim is to achieve a coherent combination of sustainability and aesthetics. The design possibilities and challenges of planning and building broadly without primary raw materials and with a limited budget are to be investigated. Individual dates can deviate from the regular dates by arrangement.

Locations: Drawing room, KIT wood workshop, Katzenwedelwiese

https://zkm.de/de/magazin/2021/05/die-zkm-streuobstwiese-als-unesco-kulturerbe, St.-Florian- Strasse 14. 76135 Karlsruhe

construction week from 27.11.-01.12.2023 plus 04.12. and 05.12.2023 if required

In cooperation with Olaf Quantius (artist, doctoral student Kunstuni Linz)
Prof'in. Andrea Klinge, Chair of Construction and Design (IEB)
Manuel Michalski, academic assistant, Chair of Construction and Design (IEB)

Prof. Dr.-Ing. Riccardo La Magna, Chair of Structural Engineering and Design (IEB) Tamara Haußer, academic assistant, Chair of Structural Planning and Design (IEB) Anita Knipper, Wood Workshop (ARCH)
Cooperation partners:

Hanna Jurisch, curator (ZKM)
Possibly citizens' association Bulach/Beiertheim

Appointment: Fri, 10 AM - 1 PM, 20.40 R204 Zeichensaal

First meeting: 26.10.2023, 10 AM,

Number of participants: 8 BA

V **Selected Topics of Fine Arts: The Togetherness is the Form** **Practice (Ü) On-Site**
1710372, WS 23/24, 4 SWS, Language: German, Open in study portal

Content
In this seminar we will deal with the topic: body, language and collectivity.

The body, its posture and movement, that non-linguistic space that provides information about inner states, will be our starting point. We go in search of spaces that lie between inside and outside, between the collective and the individual.

These interstices hold space for fluidity, ambiguity and offer chances to fathom relations anew. With the help of the fields of performance, gestures and non-verbal communication, we start the attempt to jointly develop a system of understanding in the form of a variable canon of movement

In open experiments we devote our attention to the body. Different methods such as Feldenkrais practices, Contact Improvisation, as well as QIJ ("nonsense in joggingpants") will provide an experimental space to play.

The seminar takes place in cooperation with the student conference on art education: "Between spaces - stimulate, excite, excite" of the Institute for Art of the PH Karlsruhe

Appointment: Mo. 2:00 PM - 5:00 PM, 20.40 R204 BK

First meeting : Monday 30.10.2023, 2:00 PM, 20.40 R204 BK

Submission/Exam: 12.02.2024

Number of participants: 6 BA

V **Selected Topics of Fine Arts: COM_BREW_CHA Community Brewing LAB** **Practice (Ü) On-Site**
1710373, WS 23/24, 4 SWS, Language: German/English, Open in study portal

Content
Kombucha, Kefir, Kvass
Laboratory, Kitchen, Bar
fermenting, eating and drinking together
sharing knowledge
becoming grounded.
Making natural, non-alcoholic fermented drinks together
and talking about fermentation, circularities, collectivity, symbiosis and care.
Open for all students, WAMs and VTs.
Appointment: Tue, 5:30 PM - 8:30 PM, 20.40 R204 Zeichensaal
First meeting : Tue 24.10.2023, 5:30 PM - 8:30 PM, 20.40 R204 Zeichensaal
Submission/Exam:
Number of participants: 6 BA

T 4.56 Course: Selected Topics of Structural Analysis [T-ARCH-112498]

Responsible: Dr. Anette Busse
Organisation: KIT Department of Architecture

Part of: M-ARCH-106127 - Selected Topics of Structural Analysis

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Competence Certificate
Other examination requirements consisting of a term paper with a written and a drawing part in accordance with the layout requirements, 6-10 pages DIN B 4.

Prerequisites
none

T 4.57 Course: Selected Topics of Structural Design [T-ARCH-109243]

Responsible: Prof. Dr.-Ing. Riccardo La Magna
Prof. Dr.-Ing. Rosemarie Wagner

Organisation: KIT Department of Architecture

Part of: M-ARCH-104513 - Selected Topics of Structural Design

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Irregular	1

Events					
ST 2023	1720754	Selected Topics of Structural Design: Form and Structure - Structural Skins	2 SWS	Seminar / 🗣	La Magna, Andersson Largueche, Ehrhardt
WT 23/24	1720761	Selected Topics of Structural Design: DomeCrafters		Seminar / 🗣	La Magna, Andersson Largueche

Legend: 💻 Online, 🌐 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of seminar papers in written and/or drawn form encompassing a maximum of 20 pages and a presentation or an oral talk lasting a maximum of 20 minutes.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Selected Topics of Structural Design: Form and Structure - Structural Skins

1720754, SS 2023, 2 SWS, Language: German/English, Open in study portal

Seminar (S)
On-Site

Content
In the seminar "Form and Structure – Structural Skins", special topics within structural design, such as form finding, optimization, geometry processing and facades will be treated.

The students will be introduced to the various topics through lectures, however the focus will lie on the digital tools used to handle these topics. Throughout the course of the seminar the students will develop their own projects. They are asked to choose a structural skin that they should analyse geometrically and structurally but also performatively, i.e. how the skin performs in terms of wind climate, sun shading, temperature climate, etc.

Knowledge in Rhino3D and Grasshopper is asked of the students.

Appointment: Tuesdays, 11:30 a.m. - 13:00 p.m.
First Meeting: Tuesday, 18.04.2023, 11:30 am -13:00 pm Building 20.40 Room 221

Submission/Exam: Will be announced
Number of Participants: 20

V Selected Topics of Structural Design: DomeCrafters

1720761, WS 23/24, SWS, Language: German/English, Open in study portal

Seminar (S)
On-Site

Content
The seminar DomeCrafters will focus on bending-active timber structures, from planning to realization. In the first part of the seminar, the students will be introduced to the underlying geometrical and structural principles of elastic bending, as well as typical digital workflows from form-finding to production. The main goal of the seminar is to realize a full-scale geodesic timber dome. Through this design & build exercise, the students will gain knowledge and experience in CNC fabrication and in the construction of geometrically complex structures. Knowledge in Rhino3D and Grasshopper is welcome, but is not a prerequisite.

1st meeting: 23.10.2023; 11:30 a.m.
Rule date: Monday, 11:30 a.m. – 1:00 p.m.

Delivery/Examination: to be announced

Number of participants: 15

Language: German/English

T 4.58 Course: Selected Topics of Sustainability [T-ARCH-107426]

Responsible: Prof.Dipl.-Ing. Dirk Hebel
Organisation: KIT Department of Architecture

Part of: M-ARCH-103684 - Selected Topics of Sustainability

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each summer term	1

Competence Certificate
Other examination requirements consisting of a worked out, written paper of a self-chosen topic within the framework of the seminar, having coordinated this with the lecturer beforehand.

Prerequisites
none

T 4.59 Course: Selected Topics of Urban Design [T-ARCH-107334]

Responsible: Prof. Henri Bava
Prof. Dr.-Ing. Barbara Engel
Prof. Christian Inderbitzin
Prof. Markus Neppl

Organisation: KIT Department of Architecture

Part of: M-ARCH-103593 - Selected Topics of Urban Design

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
ST 2023	1731096	Selected Topics of Urban Design: Urban Future Hackathon - A Virtual Construction Kit for the Rosenstein Bridge Stuttgart		Seminar / 🗣	Neppl, Zeile
ST 2023	1731216	Selected Topics of Urban Design: Data-Driven Urban Nature. Lab 3.0 Zürich. diverCITY speculative scenarios	2 SWS	Seminar / 🗣	Bava, Romero Carnicero
WT 23/24	1731096	Selected Topics of Urban Design: An Urban Hunt for Stressors in Cycling and Walking	2 SWS	Seminar / 🗣	Neppl, Haug, Zeile
WT 23/24	1731157	Selected Topics of Urban Design: Metropol.X – Tbilisi	2 SWS	Seminar / 🗣	Engel, Staab

Legend: 📱 Online, 🎲 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of a term paper in written and/or drawn form to the scope of maximum 20 pages and a presentation or an oral talk of maximum 20 minutes duration.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Selected Topics of Urban Design: Urban Future Hackathon - A Virtual Construction Kit for the Rosenstein Bridge Stuttgart

Seminar (S)
On-Site

1731096, SS 2023, SWS, Language: German, Open in study portal

Content
Stuttgart's Rosenstein Bridge, one of the main crossings over the Neckar River, must be replaced -a great potential for urban design and accessibility to the Neckar. Requirements for the new structure are high flexibility of use and consideration of the concerns of the environmental network of mass transit, cycling, and walking. As part of a hackathon at the Urban Future Conference 23, experts will discuss possible solutions using a virtual construction kit and test them in a digital twin. In groups, we will develop various scenarios for new bridge construction, which we will examine together with experts "in real life" in the virtual world of the CAVE during the hackathon. Cooperation with Stadtplanungsamt Stuttgart and HLRS.

Mandatory excursion to Stuttgart for inventory and Urban Future conference 6/22-23.

Appointment: Tue 9:45 am – 1:00 pm, Bldg. 11.40, R015

First Meeting: Tue 18.04.2023, 9:45 am, Bldg. 11.40, R015

Excursion: 22.06. and 23.06.2023, Stuttgart

Submission/Exam: 08.08.2023

Form: teamwork

Number of Participants: 8

V

Selected Topics of Urban Design: Data-Driven Urban Nature. Lab 3.0 Zürich. diverCITY speculative scenarios

Seminar (S)
On-Site

1731216, SS 2023, 2 SWS, Language: German/English, Open in study portal

Content
In times of extensive standarisation, diversity and complexity are crucial values for the public space. Can we learn of the methodology of the observation and study of the biodiversity of a city to better understand pervasive urban diversities? Can remote city sensing help us to define the framework of the future of nature in our metropoles? Which features are crucial for the definitive integration of biotopes and natural ecosystems in the diverse urban cityscapes? With the use of GIS and extensive data analysis, we will investigate the complexity of Zürich. A critical inquiry of its ecology, infrastructures and social structure, that will inform the generation of speculative scenarios for “diverCITY Zürich”.

Join the Urban Nature Data-Miners!

Appointment: fortnightly Tue 9:45 AM - 1:00 PM, 11.40, R126

First Meeting: 18.04.2023

Submission/Exam: 08.08.2023

Number of Participants: 8 Bachelor + 18 Master

V

Selected Topics of Urban Design: An Urban Hunt for Stressors in Cycling and Walking

Seminar (S)
On-Site

1731096, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
"Stress and the City" is Mazda Adli’s description of the young research field of neurourbanism. With the help of sensors and methods from the Urban Emotions Initiative, it is possible to detect stress points in the city. But the question is: What triggers this stress? Is it personal noise or the urban environment directly affecting each? Are indices like Bikeability and Walkability reliable in assessing infrastructure? What correlations can be observed? We will provide you with a canon of methods to conduct your own stress measurements and GIS analyses in an urban context, and to try them out in partner communities.
The research seminar is embedded in the ESSEM project.

Appointment: Tue, 9:45 am–1:00 pm, Bldg. 11.40, R015

Excursion: during the event

Submission/exam: 27.02.2024

Number of Participants: 8

Form: teamwork (2)

V

Selected Topics of Urban Design: Metropol.X – Tbilisi

Seminar (S)
On-Site

1731157, WS 23/24, 2 SWS, Language: English, Open in study portal

Content
In its more than 1500 years of history, Georgia's capital Tbilisi was subjected to a variety of political and cultural influences. Whilst being part of the Persian Kingdom when founded, it later became part of Byzantium, Turkey, and later Russia, respectively the Soviet Union. The different phases of the city's development are still clearly visible in its spatial structure. The seminar examines the different facets of the city, be it housing, infrastructure, education, geography, greenery, economy, lifestyle, or public space, which are to be critically evaluated and visualized on maps. As a result, an atlas of the contemporary urban landscape of Tbilisi should be produced.

Appointment: Tue 09:45-11:15, 11.40 R013

First Meeting: Tue 24.10.2023

Pin-up: Tue 28.11.2023

Presentation: Tue 06.02.2024

Submission: Tue 05.03.2024

Number of Participants: 12 (BA)

Groupwork: Teamwork

T 4.60 Course: Selected Topics of Urban Design - Workshop [T-ARCH-107697]

Responsible: Prof. Henri Bava
Prof. Dr.-Ing. Barbara Engel
Prof. Christian Inderbitzin
Prof. Markus Neppl

Organisation: KIT Department of Architecture

Part of: M-ARCH-103811 - Selected Topics of Urban Design - Workshop

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Irregular	1

Events					
ST 2023	1731096	Selected Topics of Urban Design: Urban Future Hackathon - A Virtual Construction Kit for the Rosenstein Bridge Stuttgart		Seminar / 🗣	Neppl, Zeile
WT 23/24	1731157	Selected Topics of Urban Design: Metropol.X – Tbilisi	2 SWS	Seminar / 🗣	Engel, Staab

Legend: 📱 Online, 🎲 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Other examination requirements consisting of a term paper in written and/or drawn form to the scope of maximum 20 pages and a presentation or an oral talk of maximum 20 minutes duration.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Selected Topics of Urban Design: Urban Future Hackathon - A Virtual Construction Kit for the Rosenstein Bridge Stuttgart

Seminar (S) On-Site

1731096, SS 2023, SWS, Language: German, Open in study portal

Content
Stuttgart's Rosenstein Bridge, one of the main crossings over the Neckar River, must be replaced -a great potential for urban design and accessibility to the Neckar. Requirements for the new structure are high flexibility of use and consideration of the concerns of the environmental network of mass transit, cycling, and walking. As part of a hackathon at the Urban Future Conference 23, experts will discuss possible solutions using a virtual construction kit and test them in a digital twin. In groups, we will develop various scenarios for new bridge construction, which we will examine together with experts "in real life" in the virtual world of the CAVE during the hackathon. Cooperation with Stadtplanungsamt Stuttgart and HLRS.

Mandatory excursion to Stuttgart for inventory and Urban Future conference 6/22-23.

Appointment: Tue 9:45 am – 1:00 pm, Bldg. 11.40, R015
First Meeting: Tue 18.04.2023, 9:45 am, Bldg. 11.40, R015
Excursion: 22.06. and 23.06.2023, Stuttgart
Submission/Exam: 08.08.2023
Form: teamwork
Number of Participants: 8

V Selected Topics of Urban Design: Metropol.X – Tbilisi

Seminar (S) On-Site

1731157, WS 23/24, 2 SWS, Language: English, Open in study portal

Content
In its more than 1500 years of history, Georgia's capital Tbilisi was subjected to a variety of political and cultural influences. Whilst being part of the Persian Kingdom when founded, it later became part of Byzantium, Turkey, and later Russia, respectively the Soviet Union. The different phases of the city's development are still clearly visible in its spatial structure. The seminar examines the different facets of the city, be it housing, infrastructure, education, geography, greenery, economy, lifestyle, or public space, which are to be critically evaluated and visualized on maps. As a result, an atlas of the contemporary urban landscape of Tbilisi should be produced.

Appointment: Tue 09:45-11:15, 11.40 R013

First Meeting: Tue 24.10.2023

Pin-up: Tue 28.11.2023

Presentation: Tue 06.02.2024

Submission: Tue 05.03.2024

Number of Participants: 12 (BA)

Groupwork: Teamwork

T 4.61 Course: Selectet Topics of Building Studies and Design [T-ARCH-107317]

Responsible: Prof. Marc Frohn
Prof. Simon Hartmann
Prof. Meinrad Morger

Organisation: KIT Department of Architecture

Part of: M-ARCH-103577 - Selectet Topics of Building Studies and Design

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Irregular	1

Competence Certificate
Other examination requirements consist, as a rule, of seminar papers in written and/or drawn form to the scope of, as a rule, maximum 40 pages and a presentation or an oral presentation taking maximum 20 minutes as a whole.

Prerequisites
none

T 4.62 Course: Self Assignment HoC-ZAK-SpZ 1 not graded [T-ARCH-111746]

Organisation: KIT Department of Architecture
Part of: M-ARCH-103602 - Key Qualifications

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	2	pass/fail	Each term	1

Competence Certificate
Completed coursework that varies type-wise and scope-wise, depending upon the course taken.

Prerequisites
none

Self service assignment of supplementary stdues
This course can be used for self service assignment of grade aquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Zentrum für Angewandte Kulturwissenschaft und Studium Generale

Annotation
'Not assigned grades' can be assigned by the students themselves; titel and CP of the grades are taken over.

T 4.63 Course: Self Assignment HoC-ZAK-SpZ 2 not graded [T-ARCH-111747]

Organisation: KIT Department of Architecture
Part of: M-ARCH-103602 - Key Qualifications

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	2	pass/fail	Each term	1

Competence Certificate
Completed coursework that varies type-wise and scope-wise, depending upon the course taken.

Prerequisites
none

Self service assignment of supplementary stdues
This course can be used for self service assignment of grade aquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Zentrum für Angewandte Kulturwissenschaft und Studium Generale

Annotation
'Not assigned grades' can be assigned by the students themselves; titel and CP of the grades are taken over.

T 4.64 Course: Self Assignment HoC-ZAK-SpZ 3 not graded [T-ARCH-111748]

Organisation: KIT Department of Architecture
Part of: M-ARCH-103602 - Key Qualifications

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	2	pass/fail	Each term	1

Competence Certificate
Completed coursework that varies type-wise and scope-wise, depending upon the course taken.

Prerequisites
none

Self service assignment of supplementary stdues
This course can be used for self service assignment of grade aquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Zentrum für Angewandte Kulturwissenschaft und Studium Generale

Annotation
'Not assigned grades' can be assigned by the students themselves; titel and CP of the grades are taken over.

T 4.65 Course: Self Assignment HoC-ZAK-SpZ 4 graded [T-ARCH-111749]

Organisation: KIT Department of Architecture
Part of: M-ARCH-103602 - Key Qualifications

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	2	Grade to a third	Each term	1

Competence Certificate
according to the assignment to be credited

Prerequisites
none

Self service assignment of supplementary stdues
This course can be used for self service assignment of grade aquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Zentrum für Angewandte Kulturwissenschaft und Studium Generale

Annotation
'Not assigned grades' can be assigned by the students themselves; titel and CP of the grades are taken over.

T 4.66 Course: Self Assignment HoC-ZAK-SpZ 5 graded [T-ARCH-111750]

Organisation: KIT Department of Architecture
Part of: M-ARCH-103602 - Key Qualifications

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	2	Grade to a third	Each term	1

Competence Certificate
according to the assignment to be credited

Prerequisites
none

Self service assignment of supplementary stdues
This course can be used for self service assignment of grade aquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Zentrum für Angewandte Kulturwissenschaft und Studium Generale

Annotation
'Not assigned grades' can be assigned by the students themselves; titel and CP of the grades are taken over.

T 4.67 Course: Self Assignment HoC-ZAK-SpZ 6 graded [T-ARCH-111751]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-103602 - Key Qualifications

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	2	Grade to a third	Each term	1

Competence Certificate
according to the assignment to be credited

Prerequisites
none

Self service assignment of supplementary stdues
This course can be used for self service assignment of grade aquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Zentrum für Angewandte Kulturwissenschaft und Studium Generale

Annotation
'Not assigned grades' can be assigned by the students themselves; titel and CP of the grades are taken over.

T 4.68 Course: Seminar Week [T-ARCH-111342]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-103602 - Key Qualifications

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	2	pass/fail	Each term	1

Events					
ST 2023	1710124	Seminar week: Shape Grammar	1 SWS	Block / 🗣	Frohn, Wasel
ST 2023	1710206	Seminar Week: Making a Book	1 SWS	Block / 🏵	Morger, Kunkel, Schneider, Schilling, Zaparta
ST 2023	1710304	Seminar Week: Go West	1 SWS	Block / 🗣	Hartmann, Garriga Tarres, Pereira da Cruz Rodrigues Santana, Kadid, Coricelli
ST 2023	1710365	Seminar Week: #Neo-nomadic yurt conceptions	1 SWS	Block / 🗣	Craig, Schelble
ST 2023	1710412	Seminar week: Superdutch is dead! Long live Superdutch! (Excursion Netherlands 1999 / 2023)	1 SWS	Excursion / 🗣	Meister
ST 2023	1710455	Seminar week: Concrete Communication: Berlin	1 SWS	Block / 🗣	Rambow, Alkadi
ST 2023	1720509	Seminar Week: Venice Biennale 2023 (Wappner)	1 SWS	Block / 🗣	Wappner, Kochhan, Häberle
ST 2023	1720609	Seminar week: Hand & Material - A round trip among traditional and future building methods	1 SWS	Excursion / 🗣	Hebel, Hoss, Blümke, Boerman, Rausch
ST 2023	1720610	Architectural Production *w-q	1 SWS	Excursion / 🗣	Kalmer
ST 2023	1720656	Seminar Week: Palimpsest Berlin	1 SWS	Block / 🗣	Klinge, Michalski, Weber
ST 2023	1720713	Seminarweek: BIM-Projects and Measurment	1 SWS	Block / 🏵	Fischer, Sartorius, von Both
ST 2023	1720810	Seminarwoche: Nail it!	1 SWS	Block / 🗣	Dörstelmann, Fischer, Haußer, Kranz
ST 2023	1720841	Seminarwoche: Hang it	1 SWS	Block / 🗣	Dörstelmann, La Magna, Wenzel, Casalnuovo, Fuentes Quijano
ST 2023	1720907	Seminar Week: Structures for horticulture	1 SWS	Block / 🗣	Wagner, Ge
ST 2023	1720983	seminarweek: See me, feel me	1 SWS	Block / 🗣	Wagner, Rissetto, Mann, Alanis Oberbeck
ST 2023	1731094	Seminarweek: "The Critical View" - Reflection and Evaluation of a Realized Urban Project	1 SWS	Block / 🗣	Neppl, Mirkes
ST 2023	1731199	Seminar week: We want to change the world – roughly speaking (Engel)	1 SWS	Block / 🗣	Engel, Böcherer
ST 2023	1731219	Seminar Week: Powers of Green	1 SWS	Block / 🗣	Bava, Gerstberger, Romero Carnicero
ST 2023	1731299	Seminarweek: Golfo di Napoli	1 SWS	Block / 🗣	Inderbitzin, Schork, Zickert, Zlokapa

ST 2023	1741383	Seminar week: Digital Stonemasons: New Ways between Geometry, Historical Construction and Digital Media	2 SWS	Block / 🗣	Aranda Alonso
ST 2023	1741386	Seminar week: Protagonists of the Werkbund - Role Models for Today?	2 SWS	Block / 🗣	Scholtz
ST 2023	1741389	Seminar week: Built on Water and Timber. Excursion to Amsterdam and Dordrecht	2 SWS	Block / 🗣	Medina Warmburg, Rind
ST 2023	1800015	Seminar Week:	1 SWS	Block / 🗣	Báez Rubi
ST 2023	1800025	Seminar Week: Graffiti in Karlsruhe	1 SWS	Block / 🗣	Papenbrock
ST 2023	1800026	Seminar Week: Color as a Means of Design for Architecture, Cityscape and Cultural Landscape	1 SWS	Block / 🗣	Scheurmann

Legend: 💻 Online, 🌐 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Prerequisites
none

Below you will find excerpts from events related to this course:

V **Seminar week: Shape Grammar** **Block (B) On-Site**
1710124, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
Shape Grammars are rule-based instructions. On the one hand, they enable the description and analysis of spatial relations and conditions. In addition, they also form the basis for generative spatial processes. In the seminar we will take different existing approaches to Shape Grammars and project them onto selected canonical floor plans. Among other things, we will address the question of whether shape grammar can reveal unifying structural principles behind the apparent heterogeneity of different apartment floor plans, and which shape grammar is best suited to make apartment floor plans structurally descriptive.

29.05.23 – 02.06.23

Number of participants: 20 students

Language: Deutsch/Englisch

V **Seminar Week: Making a Book** **Block (B) Blended (On-Site/Online)**
1710206, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
Books about architecture have as large and rich a history as architecture itself. The way these books are made, structured, designed, and ultimately studied has changed over time.

The Chair of Building Typology is planning to publish a book on the potential of architectural types. As early as the winter semester of 2022/23, students began to analyze and discuss exemplary study projects developed at our department as part of a seminar. Another task was to provide answers to the question of the future role of building typology and its content.

Based on the results, we would like to investigate during the seminar week how the results of teaching in general, as well as of the seminar, can be put into a book form. With the students, questions about the design of a contemporary book on architecture will be answered design-wise and discursively.

First Meeting: Tue, 30.05.2023 at 9:30 a.m., bldg. 20.40, room 113

Maximum Participants: 20

V **Seminar Week: Go West** **Block (B) On-Site**
1710304, SS 2023, 1 SWS, Language: English, Open in study portal

Content
We propose an architectural trip as a moment of highly receptive interaction and encounter with one of the most established contemporary architectural scenes.
This semester, we will travel to Portugal to observe both historical and contemporary buildings, as well as participate in discussions with local architectural practices. We will collect video footage of the visits and interviews in order to produce a final collective reportage composed of short films.

Language: English/German
Event Format: On-site
First Meeting and Presentation of the Program: dbd, Online
Schedule: Full Day Activities from 28.05 – 02.06.2023
Excursion: 28.05.2023–02.06.2023
Presentation: 02.06.2023
Form: Collective work
Deliverables: Short films (interviews+building recordings)

V **Seminar Week: #Neo-nomadic yurt conceptions** **Block (B) On-Site**
1710365, SS 2023, 1 SWS, Language: German, Open in study portal

Content
The seminar week with the title **#Neo-nomadic yurt concepts** is about getting in touch with alternative and ecological living concepts in a practical way. Pirmin Bertle (https://jurte.de/), where we will be guests, will give an insight into his yurt project in Velden near Hersbruck. On the days of the excursion, we will carry out various work steps of modern yurt construction in small groups on the premises of the yurt builders, discuss your questions about the topic and record our impressions and ideas with photos, notes and drawings. The focus of the seminar week is on practice.

Excursion to Velden near Hersbruck, (https://jurte.de/): Tuesday morning to Friday afternoon.

Costs for accommodation in shared accommodation and meals (cooking is done together) a flat rate of 100.- €, arrival and departure must be organized independently.

Period/location: May 30, 2023, 10 a.m. on site in Velden until June 2, 2023, 4 p.m. (end of event)

In order to clarify possible questions, there will be a digital meeting date in advance.

May 19, 2023, 2:00 p.m

in cooperation with Pirmin Bertle https://jurte.de/

First Meeting to prepare the excursion: 19.05.2023

Excursion: 30.05.-02.06.23

Submission/Exam:

Number of Participants: 20

V **Seminar week: Superdutch is dead! Long live Superdutch! (Excursion Netherlands 1999 / 2023)** **Excursion (EXK) On-Site**
1710412, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
In a historical overlay, we will repeat a 1999 KIT excursion to the Netherlands during the seminar week. With original slides, timetable and the original selection of built examples we will compare the aging processes, urban and demographic changes and appropriations with 1999 on site. Changes in media and mediation of architecture (slides vs. Instagram, lecture vs. TikTok) will be discussed as well as the consequences of the Superdutch wave of the 1990s, which continues to reverberate in master plans and aesthetics today.

expenses: ca. 300€ travel expenses + 300€ accommodation costs. self-booking.

block seminar (seminar week): Tue. 30.05.2023- Fri. 02.06.2023

briefing: Wed. 26.04.23 1:00 pm, Geb.20.40 Seminarraum Architekturtheorie R. 258

Number of Participants: 20

V **Seminar week: Concrete Communication: Berlin** **Block (B) On-Site**
1710455, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
Architecture and the city emerge out of communication and conflict. Nowhere can you see and experience this better than in Berlin. We will spend four days walking through the city of Berlin to visit important sites of past and present architectural debates, from the International Building Exhibitions of 1957 and 1984/87 to the Museum Island and the Kulturforum to the city centre with the Humboldt Forum and the planned Bauakademie as well as, in contrast, "alternative" planning sites such as the Old Flower Market or the Spreefeld and Holzmarkt. We will move around by walking on foot as much as possible in order to be able to examine the effects of planning decisions and negotiation processes on the experience and use of the city as concretely as possible.

Travel to and from Berlin must be organised by the participants themselves. We will make suggestions for accommodation. The walks are to be documented photographically. A good mobile phone camera is sufficient for this.

Cost (without travel, incl. Hostel, Tickets, subway etc.): approx. 200 euros

Block date: Tue 30.05.– Fri 02.06.2023, 9:00 a.m. to 5:00 p.m.
1st meeting: Tue, 30.05.2023, 9:00 a.m., meeting point will be announced via ILIAS
Number of participants: max. 20

V

Seminar Week: Venice Biennale 2023 (Wappner)

1720509, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
We plan on visiting the lagoon city of Venice and, in addition to exploring its unique architectural and urban marvels, we will also be visiting the 18th International Biennale, which will take place from May 20th to November 26th, 2023 in the Giardini, in the Arsenale and at various locations in Venice and bears the title: " The laboratory of the future" and use that as a starting point for reflection and discussion.

This year's curator of the exhibition, Lesley Lokko from Ghana and Scotland, set this theme and announced that with this title and the theme of this biennial, the focus should fall on the African continent in particular as one of the most important protagonists of the future. "There is a place on this planet where all these issues of justice, race, hope, and fear converge and merge. This is Africa. On an anthropological level, we are all Africans. And what happens in Africa happens to all of us," explains Lokko.

The Venice Architecture Biennale 2023 envisions the exhibition as a workshop and laboratory and invites architects and practitioners from a broader field of creative disciplines to bring up for discussion examples from their contemporary practice that offer a path for the public to discover and imagine what the future might bring.

Inspired by Lokko's work to see "Africa as a laboratory of the future", the theme of this biennial attempts to redefine and rethink the terms themselves. For one thing, Africa is quite specifically a laboratory for the future: not only because the pressing global problems are already much more tangible here than elsewhere, but also because it is the youngest continent in terms of population. People and societies there are also characterized by a high degree of resilience, which is important, given persistently strong, often chaotic urbanization. The topic of global justice as well as anti-colonial and anti-racist perspectives play other important roles, which we want to devote ourselves to intensively on this excursion with a visit to the Biennale.

30.05.2023 - 02.06.2023

Venice / Italy

ca. 350 - 400 Euro

V

Seminar week: Hand & Material - A round trip among traditional and future building methods

1720609, SS 2023, 1 SWS, Language: German/English, Open in study portal

Excursion (EXK)
On-Site

Content
In the seminar week we want to take a round trip between traditional and future building methods and explore the connections of hand and material.

We want to look at new manufacturing techniques in craftsmanship and technology, their interdependencies and dare a look into the future of construction towards digital fabrication. The journey will take us from Karlsruhe, via Stuttgart to the alpine foothills and then via Zurich and Laufen back to Baden.

Some of the costs will have to be covered by the students themselves. We are striving to keep this part as low as possible.

Time: 30.05.2023 – 02.06.2023 ganztägig

Site: Karlsruhe, Kernen, Reutlingen, Bregenz, Reuthe, Andelsbuch, Schlins, Lustenau, Winterthur, Dübendorf, Zürich, Laufen, Karlsruhe.

Number of Participants: 20 Plätze Bachelor / Master

Organizational issues
1. Treffen: Mi, 03.05.2023, 11:00 Uhr

V

Architectural Production *w-q

1720610, SS 2023, 1 SWS, Open in study portal

Excursion (EXK)
On-Site

Content

The course will explore moments of female/queer spatial practices. How do female/queer architects shape their living conditions? What do they understand by architectural production? What do they care about? In which role do they see themselves in the current situation of environmental change and climate catastrophe? How do they take a position? How have they established successful offices? Who aret heir clients? How do they produce architecture? How do they negotiate content? How do they see themselves as
authors? What are their favorite spaces? What is important to them in their buildings? Which buildings do they consider extraordinary? Which architects were they inspired by? What are their inspirations? What is important to you in teaching?

Excursion to Zurich 30.05.-02.06.

V

Seminar Week: Palimpsest Berlin

1720656, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content

The (architectural) identity of Berlin is historically complex: through politically conditioned ruptures and connections, processes of annexation and expropriation, the emergence and disappearance of borders, as well as the overlaying of these processes by social, cultural and subcultural movements and fashions, the city can be understood as a kind of palimpsest, which has been and continues to be rewritten.

During the excursion, we would like to move along these fault lines of the seemingly invisible context within the framework of city walks, thus tracing the fabric of the city and its constant transformation.

In addition, we want to get to know the "new old" building material clay better by visiting clay building workshops and testing laboratories, and to deal with its potential for the future of building.

Time: Tue. 30.05.23 - Fri. 02.06.23 full day

Location: Meeting point in Berlin to be announced

Form of event: Presence

Number of participants: max. 20 participants

V

Seminarweek: BIM-Projects and Measurment

1720713, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
Blended (On-Site/Online)

Content

How much m³ of concrete are used in the building? How many and which windows were used? How much m² of plaster is needed inside the building? These and other, similar questions about measurment must be answered in the course of planning. The software producers promise these answers "just at the push of a button".
By creating the projects according to BIM methodology, the necessary data, theoretically, is available. The students will learn how to determine the right quantities from the data using the CAD software Archicad on the basis of an existing project. Previous knowledge is not necessary, this seminar concentrates on the creation of lists.

9:45 am-01:00 pm, Bldg. 20.40, R 118, 02:00-05:15 pm online

1st meeting: 30.05.2023
Submission: 02.06.2023

Number of participants: 20

Organizational issues

Seminarwoche, vier Tage Seminar in Form eines Workshops 30.05.2023-02.06.2023, 09:45-13:00 Uhr.

Nachmittags, 14:00-17:15 Uhr Betreuungen online per MSTeams.

V

Seminarwoche: Nail it!

1720810, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
NAIL IT! offers the opportunity to gain first-hand insights and experience on digital design and manufacturing systems that enable circular, material-appropriate and -efficient architecture. In synergy with the Master Studio, the course focuses on the reuse of wood scraps in combination with wood nailing machines and augmented reality. We categorise wood scraps, design a parametric concept for the arrangement of the wood and build in small teams a summer outdoor furniture for the festival "DAS FEST" in July 2023 to chill and enjoy the summer together. Let's nail with us!

30.05.2023 - 03.06.2023

Place: DDF_Lab, Fabrikationshalle im Karlspark Technologiepark

V **Seminarwoche: Hang it** **Block (B)**
1720841, SS 2023, 1 SWS, Language: German/English, Open in study portal **On-Site**

Content
This course offers an introduction to computational design through the structural analysis & simulation of tensile structures. Students will develop a computational exploration of the architectural design repertoire of tensile systems understanding their inherent properties and capacities. They will expand their computational skills through modelling and simulating reusable and reconfigurable tensile structures that will be fabricated using standardized modular components. Finally, and taking advantage of digital fabrication techniques, we will develop a 1:1 scale prototype as a proof of concept for the seminar.

30.05.2023 - 02.06.2023

Place: KIT Faculty of Architecture. Room 221. 2.0G (Bauplanung)

V **Seminar Week: Structures for horticulture** **Block (B)**
1720907, SS 2023, 1 SWS, Language: German/English, Open in study portal **On-Site**

Content
The social garden is a facility of the association initially on the outskirts of Karlsruhe, which supports people with breaks in their CVs. They grow a large variety of vegetables there, awarded by Unesco. Students and teachers of the department of construction technology have been working for 2 years on the realization of the idea of a propagation greenhouse in the greenhouse for the social garden. As part of the seminar week, the various elements and construction elements made of sandstone, concrete, steel, wood, plastic and textile material are to be assembled and the greenhouse erected. The construction requires a committed group effort, with the opportunity to work in all the materials mentioned.

We are looking for students who want to become part of the construction team during the seminar week.

Duration: Tue. May 30th - Fri. June 2nd 2023

Location: Der soziale Garten in Wolfartsweier | Karlsruhe

Exam. another type

Participants: 13 BA-Students and 6 MA-Students

V **seminarweek: See me, feel me** **Block (B)**
1720983, SS 2023, 1 SWS, Language: German/English, Open in study portal **On-Site**

Content
During the seminar week, important variables influencing the indoor climate or comfort are to be recorded and analyzed subjectively and objectively via measurements. After an introduction to the different domains of comfort - thermal, olfactory, visual, aural - and their evaluation, different indoor spaces and outdoor situations will be examined with the help of measuring devices and a questionnaire. On the basis of the evaluated data, the results will be discussed and reflected with regard to the rooms and their characteristics (spatial, building physics). The final result will be to work out how comfortable spaces can be designed.

seminarweek: 30.05 bis 02.06.23 R.240

first appointment: 30.05.23 10:00 AM

exam: 02.06.23

places: 10 bachelor, 10 master

V **Seminarweek: "The Critical View" - Reflection and Evaluation of a Realized Urban Project** **Block (B)**
1731094, SS 2023, 1 SWS, Language: German, Open in study portal **On-Site**

Content
The HafenCity master plan in Hamburg was approved in 2000 and has since been implemented in various stages. The project is one of Europe's largest and most demanding urban development projects and is now 80% complete. After an introduction on Tuesday to the principles and goals of urban design, a short excursion to Hamburg will follow on Wednesday and Thursday. The results will be presented and discussed again in Karlsruhe on Friday. One focus will be the critical photographic documentation. In addition, various techniques are taught and practiced on-site.

Seminar Week: 30.05.-02.06.2023 (30.05. and 02.06. in Karlsruhe / 31.05. and 01.06. in Hamburg)

First meeting: Tue 30.05.2023, 9:45 am, Bldg. 11.40, R015

Exam performance: documentation

Cost: ca. 250 € for train journey and overnight stay

Number of Participants: 20

V Seminar week: We want to change the world – roughly speaking (Engel)

1731199, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
A time increasingly characterized by threats, e.g., the pandemic, climate change, and ever-widening social inequality can leave one paralyzed and at a loss. However, our work as planners can be part of the solution: not only through developing concepts but also through concrete actions and immediate decisions. In the seminar week we want to reflect together on the instruments of architects and urban planners in the face of crisis and showcase opportunities of active influence, without giving in to the illusion of effortlessly improving the world. Between utopia and pragmatism lie many nuances, whose meaningful use we will discuss together.

Appointment: Tue - Fri

First Meeting: Tue 30.05.2023, 09:30 am, 11.40 R013

Submission/Exam: Fri 02.06.2023

Number of Participants: 20

V Seminar Week: Powers of Green

1731219, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Every city needs a robust network of green infrastructures of different scales, in order to face the climate challenges that escalate for decades now. Paris' commitment to become the greenest city of Europe in 2030 has allowed to plan a new range of nature-based urban infrastructure. A visit to the different green areas is structured through their scale every day, in parallel to the Eames´video "Power of ten". A reflective promenade-discussion is planned: contemporary public green spaces size S, M, L, and XL will be visited and discussed with the architects and landscape designers that conceived them. Which strategies, species and construction systems correspond to each scale? Which different challenges does each one confront? Which designtools are dispayed?

Block date: 30.05.2023 - 02.06.2023

First Meeting: 26.04.2023, 12 am, Building 11.40, Room 126

Field trip: 30.05.2023 - 02.06.2023, Paris

Number of Participants: 14 Bachelor, 6 Master

V Seminarweek: Golfo di Napoli

1731299, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
During the seminar week we sail in the Gulf of Naples between the mainland and the islands of Naples, Ischia, Procida, Sorrento, Capri and Amalfi. During the cruises we will prepare our visits on land. We will focus our attention on the relationship between architecture and territory, that is shaped by the beauty of the topography, the sea and a mediterranean vegetation, but also by the danger and sublimity of volcanism, which equally characterize the architecture and mentality of this cultural area. In the evenings we will dock in ports or ancor at a coast to sleep, cook and eat together on board the ships.

Travel dates: 28.5.-3.6.2023

Introduction meeting: will be announced

Costs: approx. 550 Euro (excl. individual arrival)

Number of Participants: 12

V

Seminar week: Digital Stonemasons: New Ways between Geometry, Historical Construction and Digital Media

1741383, SS 2023, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
The basic knowledge of stonecutting can be found in geometry and its planning and execution has had an enormous influence on the appearance of buildings. Nowadays, these processes can also be developed with the help of digital technologies if historical methodologies are known. Understanding of this discipline is important, both for the preservation of monuments and for the architecture and construction history. Therefore, the main objective of the seminar is to give students an idea of the development of architectural elements and forms in stone through practical exercises and models in order to understand how to translate their design into digital media.

*Some additional materials are needed to develop practical exercises. Ruler, compass and laptop will suffice for the first meeting.

First meeting: Tue 30.05.23 9.00-3.30 pm, Seminar room history of building and architecture; Bldg. 20.40, R 015

Number of participants: 20

Study focus: Architectural and Cultural Heritage

V

Seminar week: Protagonists of the Werkbund - Role Models for Today?

1741386, SS 2023, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
Many Bauhaus women are known. But female protagonists of the Werkbund, the mother of the Bauhaus, are often unexplored. Founded in 1907, the Werkbund is still an important source of inspiration when it comes to future topics in architecture, urban planning and design.

Although male-dominated, numerous women have been formative for the Werkbund. Some iconic designs were created by women, but achieved fame under a man's name. Why?

Using a research plan, we will, among other things, research in archives, identify the individual lives of selected women of the Werkbund, and examine their works as well as their particularities.

What did they achieve? What role did they play in the Werkbund? To what extent they can serve as role models?

1. Meeting: Tue 30.05.2023 10.15 am, Geb. 20.40 Seminarraum Architekturtheorie R 258

Mandatory excursion: to the "FemPalais - Festival of Women", Stadtpalais Stuttgart

The cost of the excursion is approximately €12 plus individual travel to Stuttgart.

Number of Participants: 20

Focus of study: Architectural and Cultural Heritage

V

Seminar week: Built on Water and Timber. Excursion to Amsterdam and Dordrecht

1741389, SS 2023, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
Long before the current discussion about the consequences of rising sea levels, the Netherlands developed strategies to reclaim land and at the same time protect it against the waters of the sea. The newly reclaimed land was fortified using timber piles from the Black Forest, among other places, and dikes and drainage systems were built and operated. Some of these facilities are still in use today, further developed and complemented by technically adapted new buildings. We will explore and document on site how these technical necessities in and around Amsterdam and Dordrecht are represented architecturally, urbanistically and infrastructurally and how this is connected to the timber trade from the Black Forest.

First meeting: Mon, 24.4. 11:30 a.m., building 20.40, room 015

Compulsory excursion: 30.5. – 2.6.23 (seminar week), 4 days/3 nights. Suggestion: Overnight stay at a campsite (https://www.campingzeeburg.de) in Amsterdam. Costs approx. 420,-€ p.p. without meals: Arrival/departure train, tent for 3 nights, Amsterdam Card (local transport + museums)

Number of participants: 20

Study focus: Architectural and Cultural Heritage

V

Seminar Week:

1800015, SS 2023, 1 SWS, Open in study portal

Block (B)
On-Site

Content
During the seminar week, we will delve into the design processes of different cultural spaces in Latin America. Through different historical periods we will follow the impulse of play (to play), which shows up as an integral part of these iconic processes, in its ritual, symbolic, iconographic and political-iconological dimensions in order to work on and critically illuminate its figurative and visual manifestations.

Seminar week: 30.5. to 2.6.2023
Exam: 2.6.2023

V **Seminar Week: Graffiti in Karlsruhe** **Block (B) On-Site**
1800025, SS 2023, 1 SWS, Language: German, Open in study portal

Content
This course, which takes place during the seminar week, is about the documentation of graffiti in Karlsruhe. Participants are to photograph graffiti in Karlsruhe's urban space, upload it via an app (lingscape) and record and analyze it in a structured way in a database (INGRID). The condition for participation is the possession of a smartphone.

Seminar week: 30.5. to 2.6.2023

Exam: 2.6.2023

Places: 20

V **Seminar Week: Color as a Means of Design for Architecture, Cityscape and Cultural Landscape** **Block (B) On-Site**
1800026, SS 2023, 1 SWS, Language: German, Open in study portal

Content
Natural materials like wood, wickerwork, natural stone, brick, in combination with a subdued, uniform color palette are still shaping architecture and people's residential environments today. Vibrant colors on walls, windows (colored glass), and in architectural decorations were reserved for special buildings, for example religious or governmental architecture, later also town and business houses. The democratization of painted buildings began with the invention of synthetic colors and the possibility to paint large areas in color at a relatively low cost. The week-long seminar aims at developing a history of color in architecture but also offers research exercises, using Karlsruhe as our field of enquiry. On June 2, we are going to visit the House of Colour. Professional School for Design in Craft and Architecture in Zurich for a program of lectures and hands-on experience. The seminar closes with taking stock of what we have achieved.

Seminar week: 30.5. to 3.6.2023
Exam: 3.6.2023
Places: 10

T 4.69 Course: Seminar Week 1 [T-ARCH-111677]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-105821 - Seminar Week

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	2	pass/fail	Each summer term	1

Events					
ST 2023	1710124	Seminar week: Shape Grammar	1 SWS	Block / 🗣	Frohn, Wasel
ST 2023	1710206	Seminar Week: Making a Book	1 SWS	Block / 🏵	Morger, Kunkel, Schneider, Schilling, Zaparta
ST 2023	1710304	Seminar Week: Go West	1 SWS	Block / 🗣	Hartmann, Garriga Tarres, Pereira da Cruz Rodrigues Santana, Kadid, Coricelli
ST 2023	1710365	Seminar Week: #Neo-nomadic yurt conceptions	1 SWS	Block / 🗣	Craig, Schelble
ST 2023	1710412	Seminar week: Superdutch is dead! Long live Superdutch! (Excursion Netherlands 1999 / 2023)	1 SWS	Excursion / 🗣	Meister
ST 2023	1710455	Seminar week: Concrete Communication: Berlin	1 SWS	Block / 🗣	Rambow, Alkadi
ST 2023	1720509	Seminar Week: Venice Biennale 2023 (Wappner)	1 SWS	Block / 🗣	Wappner, Kochhan, Häberle
ST 2023	1720609	Seminar week: Hand & Material - A round trip among traditional and future building methods	1 SWS	Excursion / 🗣	Hebel, Hoss, Blümke, Boerman, Rausch
ST 2023	1720610	Architectural Production *w-q	1 SWS	Excursion / 🗣	Kalmer
ST 2023	1720656	Seminar Week: Palimpsest Berlin	1 SWS	Block / 🗣	Klinge, Michalski, Weber
ST 2023	1720713	Seminarweek: BIM-Projects and Measurment	1 SWS	Block / 🏵	Fischer, Sartorius, von Both
ST 2023	1720810	Seminarwoche: Nail it!	1 SWS	Block / 🗣	Dörstelmann, Fischer, Haußer, Kranz
ST 2023	1720841	Seminarwoche: Hang it	1 SWS	Block / 🗣	Dörstelmann, La Magna, Wenzel, Casalnuovo, Fuentes Quijano
ST 2023	1720907	Seminar Week: Structures for horticulture	1 SWS	Block / 🗣	Wagner, Ge
ST 2023	1720983	seminarweek: See me, feel me	1 SWS	Block / 🗣	Wagner, Rissetto, Mann, Alanis Oberbeck
ST 2023	1731094	Seminarweek: "The Critical View" - Reflection and Evaluation of a Realized Urban Project	1 SWS	Block / 🗣	Neppl, Mirkes
ST 2023	1731199	Seminar week: We want to change the world – roughly speaking (Engel)	1 SWS	Block / 🗣	Engel, Böcherer
ST 2023	1731219	Seminar Week: Powers of Green	1 SWS	Block / 🗣	Bava, Gerstberger, Romero Carnicero
ST 2023	1731299	Seminarweek: Golfo di Napoli	1 SWS	Block / 🗣	Inderbitzin, Schork, Zickert, Zlokapa

ST 2023	1741383	Seminar week: Digital Stonemasons: New Ways between Geometry, Historical Construction and Digital Media	2 SWS	Block / 🗣	Aranda Alonso
ST 2023	1741386	Seminar week: Protagonists of the Werkbund - Role Models for Today?	2 SWS	Block / 🗣	Scholtz
ST 2023	1741389	Seminar week: Built on Water and Timber. Excursion to Amsterdam and Dordrecht	2 SWS	Block / 🗣	Medina Warmburg, Rind
ST 2023	1800015	Seminar Week:	1 SWS	Block / 🗣	Báez Rubi
ST 2023	1800025	Seminar Week: Graffiti in Karlsruhe	1 SWS	Block / 🗣	Papenbrock
ST 2023	1800026	Seminar Week: Color as a Means of Design for Architecture, Cityscape and Cultural Landscape	1 SWS	Block / 🗣	Scheurmann

Legend: 🖥 Online, ❂ Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Completed courseworks consisting of attendance at one seminar week and completion of the tasks set there.

Prerequisites
none

Below you will find excerpts from events related to this course:

V **Seminar week: Shape Grammar**
1710124, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Shape Grammars are rule-based instructions. On the one hand, they enable the description and analysis of spatial relations and conditions. In addition, they also form the basis for generative spatial processes. In the seminar we will take different existing approaches to Shape Grammars and project them onto selected canonical floor plans. Among other things, we will address the question of whether shape grammar can reveal unifying structural principles behind the apparent heterogeneity of different apartment floor plans, and which shape grammar is best suited to make apartment floor plans structurally descriptive.

29.05.23 – 02.06.23

Number of participants: 20 students

Language: Deutsch/Englisch

V **Seminar Week: Making a Book**
1710206, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
Blended (On-Site/Online)

Content
Books about architecture have as large and rich a history as architecture itself. The way these books are made, structured, designed, and ultimately studied has changed over time.

The Chair of Building Typology is planning to publish a book on the potential of architectural types. As early as the winter semester of 2022/23, students began to analyze and discuss exemplary study projects developed at our department as part of a seminar. Another task was to provide answers to the question of the future role of building typology and its content.

Based on the results, we would like to investigate during the seminar week how the results of teaching in general, as well as of the seminar, can be put into a book form. With the students, questions about the design of a contemporary book on architecture will be answered design-wise and discursively.

First Meeting: Tue, 30.05.2023 at 9:30 a.m., bldg. 20.40, room 113

Maximum Participants: 20

V **Seminar Week: Go West**
1710304, SS 2023, 1 SWS, Language: English, Open in study portal

Block (B)
On-Site

Content
We propose an architectural trip as a moment of highly receptive interaction and encounter with one of the most established contemporary architectural scenes.
This semester, we will travel to Portugal to observe both historical and contemporary buildings, as well as participate in discussions with local architectural practices. We will collect video footage of the visits and interviews in order to produce a final collective reportage composed of short films.

Language: English/German
Event Format: On-site
First Meeting and Presentation of the Program: dbd, Online
Schedule: Full Day Activities from 28.05 – 02.06.2023
Excursion: 28.05.2023–02.06.2023
Presentation: 02.06.2023
Form: Collective work
Deliverables: Short films (interviews+building recordings)

V **Seminar Week: #Neo-nomadic yurt conceptions** **Block (B) On-Site**
1710365, SS 2023, 1 SWS, Language: German, Open in study portal

Content
The seminar week with the title **#Neo-nomadic yurt concepts** is about getting in touch with alternative and ecological living concepts in a practical way. Pirmin Bertle (https://jurte.de/), where we will be guests, will give an insight into his yurt project in Velden near Hersbruck. On the days of the excursion, we will carry out various work steps of modern yurt construction in small groups on the premises of the yurt builders, discuss your questions about the topic and record our impressions and ideas with photos, notes and drawings. The focus of the seminar week is on practice.

Excursion to Velden near Hersbruck, (https://jurte.de/): Tuesday morning to Friday afternoon.

Costs for accommodation in shared accommodation and meals (cooking is done together) a flat rate of 100.- €, arrival and departure must be organized independently.

Period/location: May 30, 2023, 10 a.m. on site in Velden until June 2, 2023, 4 p.m. (end of event)

In order to clarify possible questions, there will be a digital meeting date in advance.

May 19, 2023, 2:00 p.m

in cooperation with Pirmin Bertle https://jurte.de/

First Meeting to prepare the excursion: 19.05.2023

Excursion: 30.05.-02.06.23

Submission/Exam:

Number of Participants: 20

V **Seminar week: Superdutch is dead! Long live Superdutch! (Excursion Netherlands 1999 / 2023)** **Excursion (EXK) On-Site**
1710412, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
In a historical overlay, we will repeat a 1999 KIT excursion to the Netherlands during the seminar week. With original slides, timetable and the original selection of built examples we will compare the aging processes, urban and demographic changes and appropriations with 1999 on site. Changes in media and mediation of architecture (slides vs. Instagram, lecture vs. TikTok) will be discussed as well as the consequences of the Superdutch wave of the 1990s, which continues to reverberate in master plans and aesthetics today.

expenses: ca. 300€ travel expenses + 300€ accommodation costs. self-booking.

block seminar (seminar week): Tue. 30.05.2023- Fri. 02.06.2023

briefing: Wed. 26.04.23 1:00 pm, Geb.20.40 Seminarraum Architekturtheorie R. 258

Number of Participants: 20

V **Seminar week: Concrete Communication: Berlin** **Block (B) On-Site**
1710455, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
Architecture and the city emerge out of communication and conflict. Nowhere can you see and experience this better than in Berlin. We will spend four days walking through the city of Berlin to visit important sites of past and present architectural debates, from the International Building Exhibitions of 1957 and 1984/87 to the Museum Island and the Kulturforum to the city centre with the Humboldt Forum and the planned Bauakademie as well as, in contrast, "alternative" planning sites such as the Old Flower Market or the Spreefeld and Holzmarkt. We will move around by walking on foot as much as possible in order to be able to examine the effects of planning decisions and negotiation processes on the experience and use of the city as concretely as possible.

Travel to and from Berlin must be organised by the participants themselves. We will make suggestions for accommodation. The walks are to be documented photographically. A good mobile phone camera is sufficient for this.

Cost (without travel, incl. Hostel, Tickets, subway etc.): approx. 200 euros

Block date: Tue 30.05.– Fri 02.06.2023, 9:00 a.m. to 5:00 p.m.
1st meeting: Tue, 30.05.2023, 9:00 a.m., meeting point will be announced via ILIAS
Number of participants: max. 20

V

Seminar Week: Venice Biennale 2023 (Wappner)

1720509, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
We plan on visiting the lagoon city of Venice and, in addition to exploring its unique architectural and urban marvels, we will also be visiting the 18th International Biennale, which will take place from May 20th to November 26th, 2023 in the Giardini, in the Arsenale and at various locations in Venice and bears the title: " The laboratory of the future" and use that as a starting point for reflection and discussion.

This year's curator of the exhibition, Lesley Lokko from Ghana and Scotland, set this theme and announced that with this title and the theme of this biennial, the focus should fall on the African continent in particular as one of the most important protagonists of the future. “There is a place on this planet where all these issues of justice, race, hope, and fear converge and merge. This is Africa. On an anthropological level, we are all Africans. And what happens in Africa happens to all of us,” explains Lokko.

The Venice Architecture Biennale 2023 envisions the exhibition as a workshop and laboratory and invites architects and practitioners from a broader field of creative disciplines to bring up for discussion examples from their contemporary practice that offer a path for the public to discover and imagine what the future might bring.

Inspired by Lokko's work to see "Africa as a laboratory of the future", the theme of this biennial attempts to redefine and rethink the terms themselves. For one thing, Africa is quite specifically a laboratory for the future: not only because the pressing global problems are already much more tangible here than elsewhere, but also because it is the youngest continent in terms of population. People and societies there are also characterized by a high degree of resilience, which is important, given persistently strong, often chaotic urbanization. The topic of global justice as well as anti-colonial and anti-racist perspectives play other important roles, which we want to devote ourselves to intensively on this excursion with a visit to the Biennale.

30.05.2023 - 02.06.2023

Venice / Italy

ca. 350 - 400 Euro

V

Seminar week: Hand & Material - A round trip among traditional and future building methods

1720609, SS 2023, 1 SWS, Language: German/English, Open in study portal

Excursion (EXK)
On-Site

Content
In the seminar week we want to take a round trip between traditional and future building methods and explore the connections of hand and material.

We want to look at new manufacturing techniques in craftsmanship and technology, their interdependencies and dare a look into the future of construction towards digital fabrication. The journey will take us from Karlsruhe, via Stuttgart to the alpine foothills and then via Zurich and Laufen back to Baden.

Some of the costs will have to be covered by the students themselves. We are striving to keep this part as low as possible.

Time: 30.05.2023 – 02.06.2023 ganztägig

Site: Karlsruhe, Kernen, Reutlingen, Bregenz, Reuthe, Andelsbuch, Schlins, Lustenau, Winterthur, Dübendorf, Zürich, Laufen, Karlsruhe.

Number of Participants: 20 Plätze Bachelor / Master

Organizational issues
1. Treffen: Mi, 03.05.2023, 11:00 Uhr

V

Architectural Production *w-q

1720610, SS 2023, 1 SWS, Open in study portal

Excursion (EXK)
On-Site

Content

The course will explore moments of female/queer spatial practices. How do female/queer architects shape their living conditions? What do they understand by architectural production? What do they care about? In which role do they see themselves in the current situation of environmental change and climate catastrophe? How do they take a position? How have they established successful offices? Who aret heir clients? How do they produce architecture? How do they negotiate content? How do they see themselves as
authors? What are their favorite spaces? What is important to them in their buildings? Which buildings do they consider extraordinary? Which architects were they inspired by? What are their inspirations? What is important to you in teaching?

Excursion to Zurich 30.05.-02.06.

V

Seminar Week: Palimpsest Berlin

1720656, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content

The (architectural) identity of Berlin is historically complex: through politically conditioned ruptures and connections, processes of annexation and expropriation, the emergence and disappearance of borders, as well as the overlaying of these processes by social, cultural and subcultural movements and fashions, the city can be understood as a kind of palimpsest, which has been and continues to be rewritten.

During the excursion, we would like to move along these fault lines of the seemingly invisible context within the framework of city walks, thus tracing the fabric of the city and its constant transformation.

In addition, we want to get to know the "new old" building material clay better by visiting clay building workshops and testing laboratories, and to deal with its potential for the future of building.

Time: Tue. 30.05.23 - Fri. 02.06.23 full day

Location: Meeting point in Berlin to be announced

Form of event: Presence

Number of participants: max. 20 participants

V

Seminarweek: BIM-Projects and Measurment

1720713, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
Blended (On-Site/Online)

Content

How much m³ of concrete are used in the building? How many and which windows were used? How much m² of plaster is needed inside the building? These and other, similar questions about measurment must be answered in the course of planning. The software producers promise these answers "just at the push of a button".
By creating the projects according to BIM methodology, the necessary data, theoretically, is available. The students will learn how to determine the right quantities from the data using the CAD software Archicad on the basis of an existing project. Previous knowledge is not necessary, this seminar concentrates on the creation of lists.

9:45 am-01:00 pm, Bldg. 20.40, R 118, 02:00-05:15 pm online

1st meeting: 30.05.2023
Submission: 02.06.2023

Number of participants: 20

Organizational issues

Seminarwoche, vier Tage Seminar in Form eines Workshops 30.05.2023-02.06.2023, 09:45-13:00 Uhr.

Nachmittags, 14:00-17:15 Uhr Betreuungen online per MSTeams.

V

Seminarwoche: Nail it!

1720810, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
NAIL IT! offers the opportunity to gain first-hand insights and experience on digital design and manufacturing systems that enable circular, material-appropriate and -efficient architecture. In synergy with the Master Studio, the course focuses on the reuse of wood scraps in combination with wood nailing machines and augmented reality. We categorise wood scraps, design a parametric concept for the arrangement of the wood and build in small teams a summer outdoor furniture for the festival "DAS FEST" in July 2023 to chill and enjoy the summer together. Let's nail with us!

30.05.2023 - 03.06.2023

Place: DDF_Lab, Fabrikationshalle im Karlspark Technologiepark

V **Seminarwoche: Hang it** **Block (B) On-Site**
1720841, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
This course offers an introduction to computational design through the structural analysis & simulation of tensile structures. Students will develop a computational exploration of the architectural design repertoire of tensile systems understanding their inherent properties and capacities. They will expand their computational skills through modelling and simulating reusable and reconfigurable tensile structures that will be fabricated using standardized modular components. Finally, and taking advantage of digital fabrication techniques, we will develop a 1:1 scale prototype as a proof of concept for the seminar.

30.05.2023 - 02.06.2023

Place: KIT Faculty of Architecture. Room 221. 2.0G (Bauplanung)

V **Seminar Week: Structures for horticulture** **Block (B) On-Site**
1720907, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
The social garden is a facility of the association initially on the outskirts of Karlsruhe, which supports people with breaks in their CVs. They grow a large variety of vegetables there, awarded by Unesco. Students and teachers of the department of construction technology have been working for 2 years on the realization of the idea of a propagation greenhouse in the greenhouse for the social garden. As part of the seminar week, the various elements and construction elements made of sandstone, concrete, steel, wood, plastic and textile material are to be assembled and the greenhouse erected. The construction requires a committed group effort, with the opportunity to work in all the materials mentioned.

We are looking for students who want to become part of the construction team during the seminar week.

Duration: Tue. May 30th - Fri. June 2nd 2023

Location: Der soziale Garten in Wolfartsweier | Karlsruhe

Exam. another type

Participants: 13 BA-Students and 6 MA-Students

V **seminarweek: See me, feel me** **Block (B) On-Site**
1720983, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
During the seminar week, important variables influencing the indoor climate or comfort are to be recorded and analyzed subjectively and objectively via measurements. After an introduction to the different domains of comfort - thermal, olfactory, visual, aural - and their evaluation, different indoor spaces and outdoor situations will be examined with the help of measuring devices and a questionnaire. On the basis of the evaluated data, the results will be discussed and reflected with regard to the rooms and their characteristics (spatial, building physics). The final result will be to work out how comfortable spaces can be designed.

seminarweek: 30.05 bis 02.06.23 R.240

first appointment: 30.05.23 10:00 AM

exam: 02.06.23

places: 10 bachelor, 10 master

V **Seminarweek: "The Critical View" - Reflection and Evaluation of a Realized Urban Project** **Block (B) On-Site**
1731094, SS 2023, 1 SWS, Language: German, Open in study portal

Content
The HafenCity master plan in Hamburg was approved in 2000 and has since been implemented in various stages. The project is one of Europe's largest and most demanding urban development projects and is now 80% complete. After an introduction on Tuesday to the principles and goals of urban design, a short excursion to Hamburg will follow on Wednesday and Thursday. The results will be presented and discussed again in Karlsruhe on Friday. One focus will be the critical photographic documentation. In addition, various techniques are taught and practiced on-site.

Seminar Week: 30.05.-02.06.2023 (30.05. and 02.06. in Karlsruhe / 31.05. and 01.06. in Hamburg)

First meeting: Tue 30.05.2023, 9:45 am, Bldg. 11.40, R015

Exam performance: documentation

Cost: ca. 250 € for train journey and overnight stay

Number of Participants: 20

V Seminar week: We want to change the world – roughly speaking (Engel)

1731199, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
A time increasingly characterized by threats, e.g., the pandemic, climate change, and ever-widening social inequality can leave one paralyzed and at a loss. However, our work as planners can be part of the solution: not only through developing concepts but also through concrete actions and immediate decisions. In the seminar week we want to reflect together on the instruments of architects and urban planners in the face of crisis and showcase opportunities of active influence, without giving in to the illusion of effortlessly improving the world. Between utopia and pragmatism lie many nuances, whose meaningful use we will discuss together.

Appointment: Tue - Fri

First Meeting: Tue 30.05.2023, 09:30 am, 11.40 R013

Submission/Exam: Fri 02.06.2023

Number of Participants: 20

V Seminar Week: Powers of Green

1731219, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Every city needs a robust network of green infrastructures of different scales, in order to face the climate challenges that escalate for decades now. Paris' commitment to become the greenest city of Europe in 2030 has allowed to plan a new range of nature-based urban infrastructure. A visit to the different green areas is structured through their scale every day, in parallel to the Eames´video "Power of ten". A reflective promenade-discussion is planned: contemporary public green spaces size S, M, L, and XL will be visited and discussed with the architects and landscape designers that conceived them. Which strategies, species and construction systems correspond to each scale? Which different challenges does each one confront? Which designtools are dispayed?

Block date: 30.05.2023 - 02.06.2023

First Meeting: 26.04.2023, 12 am, Building 11.40, Room 126

Field trip: 30.05.2023 - 02.06.2023, Paris

Number of Participants: 14 Bachelor, 6 Master

V Seminarweek: Golfo di Napoli

1731299, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
During the seminar week we sail in the Gulf of Naples between the mainland and the islands of Naples, Ischia, Procida, Sorrento, Capri and Amalfi. During the cruises we will prepare our visits on land. We will focus our attention on the relationship between architecture and territory, that is shaped by the beauty of the topography, the sea and a mediterranean vegetation, but also by the danger and sublimity of volcanism, which equally characterize the architecture and mentality of this cultural area. In the evenings we will dock in ports or ancor at a coast to sleep, cook and eat together on board the ships.

Travel dates: 28.5.-3.6.2023

Introduction meeting: will be announced

Costs: approx. 550 Euro (excl. individual arrival)

Number of Participants: 12

V

Seminar week: Digital Stonemasons: New Ways between Geometry, Historical Construction and Digital Media

1741383, SS 2023, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
The basic knowledge of stonecutting can be found in geometry and its planning and execution has had an enormous influence on the appearance of buildings. Nowadays, these processes can also be developed with the help of digital technologies if historical methodologies are known. Understanding of this discipline is important, both for the preservation of monuments and for the architecture and construction history. Therefore, the main objective of the seminar is to give students an idea of the development of architectural elements and forms in stone through practical exercises and models in order to understand how to translate their design into digital media.

*Some additional materials are needed to develop practical exercises. Ruler, compass and laptop will suffice for the first meeting.

First meeting: Tue 30.05.23 9.00-3.30 pm, Seminar room history of building and architecture; Bldg. 20.40, R 015

Number of participants: 20

Study focus: Architectural and Cultural Heritage

V

Seminar week: Protagonists of the Werkbund - Role Models for Today?

1741386, SS 2023, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
Many Bauhaus women are known. But female protagonists of the Werkbund, the mother of the Bauhaus, are often unexplored. Founded in 1907, the Werkbund is still an important source of inspiration when it comes to future topics in architecture, urban planning and design.

Although male-dominated, numerous women have been formative for the Werkbund. Some iconic designs were created by women, but achieved fame under a man's name. Why?

Using a research plan, we will, among other things, research in archives, identify the individual lives of selected women of the Werkbund, and examine their works as well as their particularities.

What did they achieve? What role did they play in the Werkbund? To what extent they can serve as role models?

1. Meeting: Tue 30.05.2023 10.15 am, Geb. 20.40 Seminarraum Architekturtheorie R 258

Mandatory excursion: to the "FemPalais - Festival of Women", Stadtpalais Stuttgart

The cost of the excursion is approximately €12 plus individual travel to Stuttgart.

Number of Participants: 20

Focus of study: Architectural and Cultural Heritage

V

Seminar week: Built on Water and Timber. Excursion to Amsterdam and Dordrecht

1741389, SS 2023, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
Long before the current discussion about the consequences of rising sea levels, the Netherlands developed strategies to reclaim land and at the same time protect it against the waters of the sea. The newly reclaimed land was fortified using timber piles from the Black Forest, among other places, and dikes and drainage systems were built and operated. Some of these facilities are still in use today, further developed and complemented by technically adapted new buildings. We will explore and document on site how these technical necessities in and around Amsterdam and Dordrecht are represented architecturally, urbanistically and infrastructurally and how this is connected to the timber trade from the Black Forest.

First meeting: Mon, 24.4. 11:30 a.m., building 20.40, room 015

Compulsory excursion: 30.5. – 2.6.23 (seminar week), 4 days/3 nights. Suggestion: Overnight stay at a campsite (https://www.campingzeeburg.de) in Amsterdam. Costs approx. 420,-€ p.p. without meals: Arrival/departure train, tent for 3 nights, Amsterdam Card (local transport + museums)

Number of participants: 20

Study focus: Architectural and Cultural Heritage

V

Seminar Week:

1800015, SS 2023, 1 SWS, Open in study portal

Block (B)
On-Site

Content
During the seminar week, we will delve into the design processes of different cultural spaces in Latin America. Through different historical periods we will follow the impulse of play (to play), which shows up as an integral part of these iconic processes, in its ritual, symbolic, iconographic and political-iconological dimensions in order to work on and critically illuminate its figurative and visual manifestations.

Seminar week: 30.5. to 2.6.2023
Exam: 2.6.2023

V **Seminar Week: Graffiti in Karlsruhe** **Block (B) On-Site**
1800025, SS 2023, 1 SWS, Language: German, Open in study portal

Content
This course, which takes place during the seminar week, is about the documentation of graffiti in Karlsruhe. Participants are to photograph graffiti in Karlsruhe's urban space, upload it via an app (lingscape) and record and analyze it in a structured way in a database (INGRID). The condition for participation is the possession of a smartphone.

Seminar week: 30.5. to 2.6.2023

Exam: 2.6.2023

Places: 20

V **Seminar Week: Color as a Means of Design for Architecture, Cityscape and Cultural Landscape** **Block (B) On-Site**
1800026, SS 2023, 1 SWS, Language: German, Open in study portal

Content
Natural materials like wood, wickerwork, natural stone, brick, in combination with a subdued, uniform color palette are still shaping architecture and people's residential environments today. Vibrant colors on walls, windows (colored glass), and in architectural decorations were reserved for special buildings, for example religious or governmental architecture, later also town and business houses. The democratization of painted buildings began with the invention of synthetic colors and the possibility to paint large areas in color at a relatively low cost. The week-long seminar aims at developing a history of color in architecture but also offers research exercises, using Karlsruhe as our field of enquiry. On June 2, we are going to visit the House of Colour. Professional School for Design in Craft and Architecture in Zurich for a program of lectures and hands-on experience. The seminar closes with taking stock of what we have achieved.

Seminar week: 30.5. to 3.6.2023
Exam: 3.6.2023
Places: 10

T 4.70 Course: Seminar Week 2 [T-ARCH-111678]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-105821 - Seminar Week

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	2	pass/fail	Each summer term	1

Events					
ST 2023	1710124	Seminar week: Shape Grammar	1 SWS	Block / 🗣	Frohn, Wasel
ST 2023	1710206	Seminar Week: Making a Book	1 SWS	Block / 🏵	Morger, Kunkel, Schneider, Schilling, Zaparta
ST 2023	1710304	Seminar Week: Go West	1 SWS	Block / 🗣	Hartmann, Garriga Tarres, Pereira da Cruz Rodrigues Santana, Kadid, Coricelli
ST 2023	1710365	Seminar Week: #Neo-nomadic yurt conceptions	1 SWS	Block / 🗣	Craig, Schelble
ST 2023	1710412	Seminar week: Superdutch is dead! Long live Superdutch! (Excursion Netherlands 1999 / 2023)	1 SWS	Excursion / 🗣	Meister
ST 2023	1710455	Seminar week: Concrete Communication: Berlin	1 SWS	Block / 🗣	Rambow, Alkadi
ST 2023	1720509	Seminar Week: Venice Biennale 2023 (Wappner)	1 SWS	Block / 🗣	Wappner, Kochhan, Häberle
ST 2023	1720609	Seminar week: Hand & Material - A round trip among traditional and future building methods	1 SWS	Excursion / 🗣	Hebel, Hoss, Blümke, Boerman, Rausch
ST 2023	1720610	Architectural Production *w-q	1 SWS	Excursion / 🗣	Kalmer
ST 2023	1720656	Seminar Week: Palimpsest Berlin	1 SWS	Block / 🗣	Klinge, Michalski, Weber
ST 2023	1720713	Seminarweek: BIM-Projects and Measurment	1 SWS	Block / 🏵	Fischer, Sartorius, von Both
ST 2023	1720810	Seminarwoche: Nail it!	1 SWS	Block / 🗣	Dörstelmann, Fischer, Haußer, Kranz
ST 2023	1720841	Seminarwoche: Hang it	1 SWS	Block / 🗣	Dörstelmann, La Magna, Wenzel, Casalnuovo, Fuentes Quijano
ST 2023	1720907	Seminar Week: Structures for horticulture	1 SWS	Block / 🗣	Wagner, Ge
ST 2023	1720983	seminarweek: See me, feel me	1 SWS	Block / 🗣	Wagner, Rissetto, Mann, Alanis Oberbeck
ST 2023	1731094	Seminarweek: "The Critical View" - Reflection and Evaluation of a Realized Urban Project	1 SWS	Block / 🗣	Neppl, Mirkes
ST 2023	1731199	Seminar week: We want to change the world – roughly speaking (Engel)	1 SWS	Block / 🗣	Engel, Böcherer
ST 2023	1731219	Seminar Week: Powers of Green	1 SWS	Block / 🗣	Bava, Gerstberger, Romero Carnicero
ST 2023	1731299	Seminarweek: Golfo di Napoli	1 SWS	Block / 🗣	Inderbitzin, Schork, Zickert, Zlokapa

ST 2023	1741383	Seminar week: Digital Stonemasons: New Ways between Geometry, Historical Construction and Digital Media	2 SWS	Block / 🗣	Aranda Alonso
ST 2023	1741386	Seminar week: Protagonists of the Werkbund - Role Models for Today?	2 SWS	Block / 🗣	Scholtz
ST 2023	1741389	Seminar week: Built on Water and Timber. Excursion to Amsterdam and Dordrecht	2 SWS	Block / 🗣	Medina Warmburg, Rind
ST 2023	1800015	Seminar Week:	1 SWS	Block / 🗣	Báez Rubi
ST 2023	1800025	Seminar Week: Graffiti in Karlsruhe	1 SWS	Block / 🗣	Papenbrock
ST 2023	1800026	Seminar Week: Color as a Means of Design for Architecture, Cityscape and Cultural Landscape	1 SWS	Block / 🗣	Scheurmann

Legend: 💻 Online, Blended (On-Site/Online), 🗣 On-Site, × Cancelled

Competence Certificate
Completed courseworks consisting of attendance at one seminar week and completion of the tasks set there.

Prerequisites
none

Below you will find excerpts from events related to this course:

V **Seminar week: Shape Grammar** **Block (B) On-Site**
1710124, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
Shape Grammars are rule-based instructions. On the one hand, they enable the description and analysis of spatial relations and conditions. In addition, they also form the basis for generative spatial processes. In the seminar we will take different existing approaches to Shape Grammars and project them onto selected canonical floor plans. Among other things, we will address the question of whether shape grammar can reveal unifying structural principles behind the apparent heterogeneity of different apartment floor plans, and which shape grammar is best suited to make apartment floor plans structurally descriptive.

29.05.23 – 02.06.23

Number of participants: 20 students

Language: Deutsch/Englisch

V **Seminar Week: Making a Book** **Block (B) Blended (On-Site/Online)**
1710206, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
Books about architecture have as large and rich a history as architecture itself. The way these books are made, structured, designed, and ultimately studied has changed over time.

The Chair of Building Typology is planning to publish a book on the potential of architectural types. As early as the winter semester of 2022/23, students began to analyze and discuss exemplary study projects developed at our department as part of a seminar. Another task was to provide answers to the question of the future role of building typology and its content.

Based on the results, we would like to investigate during the seminar week how the results of teaching in general, as well as of the seminar, can be put into a book form. With the students, questions about the design of a contemporary book on architecture will be answered design-wise and discursively.

First Meeting: Tue, 30.05.2023 at 9:30 a.m., bldg. 20.40, room 113

Maximum Participants: 20

V **Seminar Week: Go West** **Block (B) On-Site**
1710304, SS 2023, 1 SWS, Language: English, Open in study portal

Content
We propose an architectural trip as a moment of highly receptive interaction and encounter with one of the most established contemporary architectural scenes.
This semester, we will travel to Portugal to observe both historical and contemporary buildings, as well as participate in discussions with local architectural practices. We will collect video footage of the visits and interviews in order to produce a final collective reportage composed of short films.

Language: English/German
Event Format: On-site
First Meeting and Presentation of the Program: dbd, Online
Schedule: Full Day Activities from 28.05 – 02.06.2023
Excursion: 28.05.2023–02.06.2023
Presentation: 02.06.2023
Form: Collective work
Deliverables: Short films (interviews+building recordings)

V **Seminar Week: #Neo-nomadic yurt conceptions** **Block (B) On-Site**
1710365, SS 2023, 1 SWS, Language: German, Open in study portal

Content
The seminar week with the title **#Neo-nomadic yurt concepts** is about getting in touch with alternative and ecological living concepts in a practical way. Pirmin Bertle (https://jurte.de/), where we will be guests, will give an insight into his yurt project in Velden near Hersbruck. On the days of the excursion, we will carry out various work steps of modern yurt construction in small groups on the premises of the yurt builders, discuss your questions about the topic and record our impressions and ideas with photos, notes and drawings. The focus of the seminar week is on practice.

Excursion to Velden near Hersbruck, (https://jurte.de/): Tuesday morning to Friday afternoon.

Costs for accommodation in shared accommodation and meals (cooking is done together) a flat rate of 100.- €, arrival and departure must be organized independently.

Period/location: May 30, 2023, 10 a.m. on site in Velden until June 2, 2023, 4 p.m. (end of event)

In order to clarify possible questions, there will be a digital meeting date in advance.

May 19, 2023, 2:00 p.m

in cooperation with Pirmin Bertle https://jurte.de/

First Meeting to prepare the excursion: 19.05.2023

Excursion: 30.05.-02.06.23

Submission/Exam:

Number of Participants: 20

V **Seminar week: Superdutch is dead! Long live Superdutch! (Excursion Netherlands 1999 / 2023)** **Excursion (EXK) On-Site**
1710412, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
In a historical overlay, we will repeat a 1999 KIT excursion to the Netherlands during the seminar week. With original slides, timetable and the original selection of built examples we will compare the aging processes, urban and demographic changes and appropriations with 1999 on site. Changes in media and mediation of architecture (slides vs. Instagram, lecture vs. TikTok) will be discussed as well as the consequences of the Superdutch wave of the 1990s, which continues to reverberate in master plans and aesthetics today.

expenses: ca. 300€ travel expenses + 300€ accommodation costs. self-booking.

block seminar (seminar week): Tue. 30.05.2023- Fri. 02.06.2023

briefing: Wed. 26.04.23 1:00 pm, Geb.20.40 Seminarraum Architekturtheorie R. 258

Number of Participants: 20

V **Seminar week: Concrete Communication: Berlin** **Block (B) On-Site**
1710455, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
Architecture and the city emerge out of communication and conflict. Nowhere can you see and experience this better than in Berlin. We will spend four days walking through the city of Berlin to visit important sites of past and present architectural debates, from the International Building Exhibitions of 1957 and 1984/87 to the Museum Island and the Kulturforum to the city centre with the Humboldt Forum and the planned Bauakademie as well as, in contrast, "alternative" planning sites such as the Old Flower Market or the Spreefeld and Holzmarkt. We will move around by walking on foot as much as possible in order to be able to examine the effects of planning decisions and negotiation processes on the experience and use of the city as concretely as possible.

Travel to and from Berlin must be organised by the participants themselves. We will make suggestions for accommodation. The walks are to be documented photographically. A good mobile phone camera is sufficient for this.

Cost (without travel, incl. Hostel, Tickets, subway etc.): approx. 200 euros

Block date: Tue 30.05.– Fri 02.06.2023, 9:00 a.m. to 5:00 p.m.
1st meeting: Tue, 30.05.2023, 9:00 a.m., meeting point will be announced via ILIAS
Number of participants: max. 20

V

Seminar Week: Venice Biennale 2023 (Wappner)

1720509, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
We plan on visiting the lagoon city of Venice and, in addition to exploring its unique architectural and urban marvels, we will also be visiting the 18th International Biennale, which will take place from May 20th to November 26th, 2023 in the Giardini, in the Arsenale and at various locations in Venice and bears the title: " The laboratory of the future" and use that as a starting point for reflection and discussion.

This year's curator of the exhibition, Lesley Lokko from Ghana and Scotland, set this theme and announced that with this title and the theme of this biennial, the focus should fall on the African continent in particular as one of the most important protagonists of the future. “There is a place on this planet where all these issues of justice, race, hope, and fear converge and merge. This is Africa. On an anthropological level, we are all Africans. And what happens in Africa happens to all of us,” explains Lokko.

The Venice Architecture Biennale 2023 envisions the exhibition as a workshop and laboratory and invites architects and practitioners from a broader field of creative disciplines to bring up for discussion examples from their contemporary practice that offer a path for the public to discover and imagine what the future might bring.

Inspired by Lokko's work to see "Africa as a laboratory of the future", the theme of this biennial attempts to redefine and rethink the terms themselves. For one thing, Africa is quite specifically a laboratory for the future: not only because the pressing global problems are already much more tangible here than elsewhere, but also because it is the youngest continent in terms of population. People and societies there are also characterized by a high degree of resilience, which is important, given persistently strong, often chaotic urbanization. The topic of global justice as well as anti-colonial and anti-racist perspectives play other important roles, which we want to devote ourselves to intensively on this excursion with a visit to the Biennale.

30.05.2023 - 02.06.2023

Venice / Italy

ca. 350 - 400 Euro

V

Seminar week: Hand & Material - A round trip among traditional and future building methods

1720609, SS 2023, 1 SWS, Language: German/English, Open in study portal

Excursion (EXK)
On-Site

Content
In the seminar week we want to take a round trip between traditional and future building methods and explore the connections of hand and material.

We want to look at new manufacturing techniques in craftsmanship and technology, their interdependencies and dare a look into the future of construction towards digital fabrication. The journey will take us from Karlsruhe, via Stuttgart to the alpine foothills and then via Zurich and Laufen back to Baden.

Some of the costs will have to be covered by the students themselves. We are striving to keep this part as low as possible.

Time: 30.05.2023 – 02.06.2023 ganztägig

Site: Karlsruhe, Kernen, Reutlingen, Bregenz, Reuthe, Andelsbuch, Schlins, Lustenau, Winterthur, Dübendorf, Zürich, Laufen, Karlsruhe.

Number of Participants: 20 Plätze Bachelor / Master

Organizational issues
1. Treffen: Mi, 03.05.2023, 11:00 Uhr

V

Architectural Production *w-q

1720610, SS 2023, 1 SWS, Open in study portal

Excursion (EXK)
On-Site

Content

The course will explore moments of female/queer spatial practices. How do female/queer architects shape their living conditions? What do they understand by architectural production? What do they care about? In which role do they see themselves in the current situation of environmental change and climate catastrophe? How do they take a position? How have they established successful offices? Who aret heir clients? How do they produce architecture? How do they negotiate content? How do they see themselves as
authors? What are their favorite spaces? What is important to them in their buildings? Which buildings do they consider extraordinary? Which architects were they inspired by? What are their inspirations? What is important to you in teaching?

Excursion to Zurich 30.05.-02.06.

V

Seminar Week: Palimpsest Berlin

1720656, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content

The (architectural) identity of Berlin is historically complex: through politically conditioned ruptures and connections, processes of annexation and expropriation, the emergence and disappearance of borders, as well as the overlaying of these processes by social, cultural and subcultural movements and fashions, the city can be understood as a kind of palimpsest, which has been and continues to be rewritten.

During the excursion, we would like to move along these fault lines of the seemingly invisible context within the framework of city walks, thus tracing the fabric of the city and its constant transformation.

In addition, we want to get to know the "new old" building material clay better by visiting clay building workshops and testing laboratories, and to deal with its potential for the future of building.

Time: Tue. 30.05.23 - Fri. 02.06.23 full day

Location: Meeting point in Berlin to be announced

Form of event: Presence

Number of participants: max. 20 participants

V

Seminarweek: BIM-Projects and Measurment

1720713, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
Blended (On-Site/Online)

Content

How much m³ of concrete are used in the building? How many and which windows were used? How much m² of plaster is needed inside the building? These and other, similar questions about measurment must be answered in the course of planning. The software producers promise these answers "just at the push of a button".
By creating the projects according to BIM methodology, the necessary data, theoretically, is available. The students will learn how to determine the right quantities from the data using the CAD software Archicad on the basis of an existing project. Previous knowledge is not necessary, this seminar concentrates on the creation of lists.

9:45 am-01:00 pm, Bldg. 20.40, R 118, 02:00-05:15 pm online

1st meeting: 30.05.2023
Submission: 02.06.2023

Number of participants: 20

Organizational issues

Seminarwoche, vier Tage Seminar in Form eines Workshops 30.05.2023-02.06.2023, 09:45-13:00 Uhr.

Nachmittags, 14:00-17:15 Uhr Betreuungen online per MSTeams.

V

Seminarwoche: Nail it!

1720810, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
NAIL IT! offers the opportunity to gain first-hand insights and experience on digital design and manufacturing systems that enable circular, material-appropriate and -efficient architecture. In synergy with the Master Studio, the course focuses on the reuse of wood scraps in combination with wood nailing machines and augmented reality. We categorise wood scraps, design a parametric concept for the arrangement of the wood and build in small teams a summer outdoor furniture for the festival "DAS FEST" in July 2023 to chill and enjoy the summer together. Let's nail with us!

30.05.2023 - 03.06.2023

Place: DDF_Lab, Fabrikationshalle im Karlspark Technologiepark

V **Seminarwoche: Hang it** **Block (B) On-Site**
1720841, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
This course offers an introduction to computational design through the structural analysis & simulation of tensile structures. Students will develop a computational exploration of the architectural design repertoire of tensile systems understanding their inherent properties and capacities. They will expand their computational skills through modelling and simulating reusable and reconfigurable tensile structures that will be fabricated using standardized modular components. Finally, and taking advantage of digital fabrication techniques, we will develop a 1:1 scale prototype as a proof of concept for the seminar.

30.05.2023 - 02.06.2023

Place: KIT Faculty of Architecture. Room 221. 2.0G (Bauplanung)

V **Seminar Week: Structures for horticulture** **Block (B) On-Site**
1720907, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
The social garden is a facility of the association initially on the outskirts of Karlsruhe, which supports people with breaks in their CVs. They grow a large variety of vegetables there, awarded by Unesco. Students and teachers of the department of construction technology have been working for 2 years on the realization of the idea of a propagation greenhouse in the greenhouse for the social garden. As part of the seminar week, the various elements and construction elements made of sandstone, concrete, steel, wood, plastic and textile material are to be assembled and the greenhouse erected. The construction requires a committed group effort, with the opportunity to work in all the materials mentioned.

We are looking for students who want to become part of the construction team during the seminar week.

Duration: Tue. May 30th - Fri. June 2nd 2023

Location: Der soziale Garten in Wolfartsweier | Karlsruhe

Exam. another type

Participants: 13 BA-Students and 6 MA-Students

V **seminarweek: See me, feel me** **Block (B) On-Site**
1720983, SS 2023, 1 SWS, Language: German/English, Open in study portal

Content
During the seminar week, important variables influencing the indoor climate or comfort are to be recorded and analyzed subjectively and objectively via measurements. After an introduction to the different domains of comfort - thermal, olfactory, visual, aural - and their evaluation, different indoor spaces and outdoor situations will be examined with the help of measuring devices and a questionnaire. On the basis of the evaluated data, the results will be discussed and reflected with regard to the rooms and their characteristics (spatial, building physics). The final result will be to work out how comfortable spaces can be designed.

seminarweek: 30.05 bis 02.06.23 R.240

first appointment: 30.05.23 10:00 AM

exam: 02.06.23

places: 10 bachelor, 10 master

V **Seminarweek: "The Critical View" - Reflection and Evaluation of a Realized Urban Project** **Block (B) On-Site**
1731094, SS 2023, 1 SWS, Language: German, Open in study portal

Content
The HafenCity master plan in Hamburg was approved in 2000 and has since been implemented in various stages. The project is one of Europe's largest and most demanding urban development projects and is now 80% complete. After an introduction on Tuesday to the principles and goals of urban design, a short excursion to Hamburg will follow on Wednesday and Thursday. The results will be presented and discussed again in Karlsruhe on Friday. One focus will be the critical photographic documentation. In addition, various techniques are taught and practiced on-site.

Seminar Week: 30.05.-02.06.2023 (30.05. and 02.06. in Karlsruhe / 31.05. and 01.06. in Hamburg)

First meeting: Tue 30.05.2023, 9:45 am, Bldg. 11.40, R015

Exam performance: documentation

Cost: ca. 250 € for train journey and overnight stay

Number of Participants: 20

V Seminar week: We want to change the world – roughly speaking (Engel)

1731199, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
A time increasingly characterized by threats, e.g., the pandemic, climate change, and ever-widening social inequality can leave one paralyzed and at a loss. However, our work as planners can be part of the solution: not only through developing concepts but also through concrete actions and immediate decisions. In the seminar week we want to reflect together on the instruments of architects and urban planners in the face of crisis and showcase opportunities of active influence, without giving in to the illusion of effortlessly improving the world. Between utopia and pragmatism lie many nuances, whose meaningful use we will discuss together.

Appointment: Tue - Fri

First Meeting: Tue 30.05.2023, 09:30 am, 11.40 R013

Submission/Exam: Fri 02.06.2023

Number of Participants: 20

V Seminar Week: Powers of Green

1731219, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Every city needs a robust network of green infrastructures of different scales, in order to face the climate challenges that escalate for decades now. Paris' commitment to become the greenest city of Europe in 2030 has allowed to plan a new range of nature-based urban infrastructure. A visit to the different green areas is structured through their scale every day, in parallel to the Eames´video "Power of ten". A reflective promenade-discussion is planned: contemporary public green spaces size S, M, L, and XL will be visited and discussed with the architects and landscape designers that conceived them. Which strategies, species and construction systems correspond to each scale? Which different challenges does each one confront? Which designtools are dispayed?

Block date: 30.05.2023 - 02.06.2023

First Meeting: 26.04.2023, 12 am, Building 11.40, Room 126

Field trip: 30.05.2023 - 02.06.2023, Paris

Number of Participants: 14 Bachelor, 6 Master

V Seminarweek: Golfo di Napoli

1731299, SS 2023, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
During the seminar week we sail in the Gulf of Naples between the mainland and the islands of Naples, Ischia, Procida, Sorrento, Capri and Amalfi. During the cruises we will prepare our visits on land. We will focus our attention on the relationship between architecture and territory, that is shaped by the beauty of the topography, the sea and a mediterranean vegetation, but also by the danger and sublimity of volcanism, which equally characterize the architecture and mentality of this cultural area. In the evenings we will dock in ports or ancor at a coast to sleep, cook and eat together on board the ships.

Travel dates: 28.5.-3.6.2023

Introduction meeting: will be announced

Costs: approx. 550 Euro (excl. individual arrival)

Number of Participants: 12

V

Seminar week: Digital Stonemasons: New Ways between Geometry, Historical Construction and Digital Media

1741383, SS 2023, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
The basic knowledge of stonecutting can be found in geometry and its planning and execution has had an enormous influence on the appearance of buildings. Nowadays, these processes can also be developed with the help of digital technologies if historical methodologies are known. Understanding of this discipline is important, both for the preservation of monuments and for the architecture and construction history. Therefore, the main objective of the seminar is to give students an idea of the development of architectural elements and forms in stone through practical exercises and models in order to understand how to translate their design into digital media.

*Some additional materials are needed to develop practical exercises. Ruler, compass and laptop will suffice for the first meeting.

First meeting: Tue 30.05.23 9.00-3.30 pm, Seminar room history of building and architecture; Bldg. 20.40, R 015

Number of participants: 20

Study focus: Architectural and Cultural Heritage

V

Seminar week: Protagonists of the Werkbund - Role Models for Today?

1741386, SS 2023, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
Many Bauhaus women are known. But female protagonists of the Werkbund, the mother of the Bauhaus, are often unexplored. Founded in 1907, the Werkbund is still an important source of inspiration when it comes to future topics in architecture, urban planning and design.

Although male-dominated, numerous women have been formative for the Werkbund. Some iconic designs were created by women, but achieved fame under a man's name. Why?

Using a research plan, we will, among other things, research in archives, identify the individual lives of selected women of the Werkbund, and examine their works as well as their particularities.

What did they achieve? What role did they play in the Werkbund? To what extent they can serve as role models?

1. Meeting: Tue 30.05.2023 10.15 am, Geb. 20.40 Seminarraum Architekturtheorie R 258

Mandatory excursion: to the "FemPalais - Festival of Women", Stadtpalais Stuttgart

The cost of the excursion is approximately €12 plus individual travel to Stuttgart.

Number of Participants: 20

Focus of study: Architectural and Cultural Heritage

V

Seminar week: Built on Water and Timber. Excursion to Amsterdam and Dordrecht

1741389, SS 2023, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
Long before the current discussion about the consequences of rising sea levels, the Netherlands developed strategies to reclaim land and at the same time protect it against the waters of the sea. The newly reclaimed land was fortified using timber piles from the Black Forest, among other places, and dikes and drainage systems were built and operated. Some of these facilities are still in use today, further developed and complemented by technically adapted new buildings. We will explore and document on site how these technical necessities in and around Amsterdam and Dordrecht are represented architecturally, urbanistically and infrastructurally and how this is connected to the timber trade from the Black Forest.

First meeting: Mon, 24.4. 11:30 a.m., building 20.40, room 015

Compulsory excursion: 30.5. – 2.6.23 (seminar week), 4 days/3 nights. Suggestion: Overnight stay at a campsite (https://www.campingzeeburg.de) in Amsterdam. Costs approx. 420,-€ p.p. without meals: Arrival/departure train, tent for 3 nights, Amsterdam Card (local transport + museums)

Number of participants: 20

Study focus: Architectural and Cultural Heritage

V

Seminar Week:

1800015, SS 2023, 1 SWS, Open in study portal

Block (B)
On-Site

Content
During the seminar week, we will delve into the design processes of different cultural spaces in Latin America. Through different historical periods we will follow the impulse of play (to play), which shows up as an integral part of these iconic processes, in its ritual, symbolic, iconographic and political-iconological dimensions in order to work on and critically illuminate its figurative and visual manifestations.

Seminar week: 30.5. to 2.6.2023
Exam: 2.6.2023

V **Seminar Week: Graffiti in Karlsruhe** **Block (B) On-Site**
1800025, SS 2023, 1 SWS, Language: German, Open in study portal

Content
This course, which takes place during the seminar week, is about the documentation of graffiti in Karlsruhe. Participants are to photograph graffiti in Karlsruhe's urban space, upload it via an app (lingscape) and record and analyze it in a structured way in a database (INGRID). The condition for participation is the possession of a smartphone.

Seminar week: 30.5. to 2.6.2023

Exam: 2.6.2023

Places: 20

V **Seminar Week: Color as a Means of Design for Architecture, Cityscape and Cultural Landscape** **Block (B) On-Site**
1800026, SS 2023, 1 SWS, Language: German, Open in study portal

Content
Natural materials like wood, wickerwork, natural stone, brick, in combination with a subdued, uniform color palette are still shaping architecture and people's residential environments today. Vibrant colors on walls, windows (colored glass), and in architectural decorations were reserved for special buildings, for example religious or governmental architecture, later also town and business houses. The democratization of painted buildings began with the invention of synthetic colors and the possibility to paint large areas in color at a relatively low cost. The week-long seminar aims at developing a history of color in architecture but also offers research exercises, using Karlsruhe as our field of enquiry. On June 2, we are going to visit the House of Colour. Professional School for Design in Craft and Architecture in Zurich for a program of lectures and hands-on experience. The seminar closes with taking stock of what we have achieved.

Seminar week: 30.5. to 3.6.2023
Exam: 3.6.2023
Places: 10

T 4.71 Course: Static and Strength of Materials [T-ARCH-107292]

Responsible: Prof. Dr.-Ing. Rosemarie Wagner
Organisation: KIT Department of Architecture

Part of: M-ARCH-103555 - Static and Strength of Materials

Type	Credits	Grading scale	Recurrence	Version
Written examination	4	Grade to a third	Each summer term	2

Events					
ST 2023	1720902	Static and Strength of Materials (lecture)	2 SWS	Lecture / 🗣	Wagner, Mildenberger
ST 2023	1720903	Static and Strength of Materials (Theoretical)	2 SWS	Practice / 🗣	Wagner, Mildenberger
ST 2023	1720904	Static and Strength of Materials (practical)	2 SWS	Practice / 🗣	Wagner, Mildenberger

Legend: 💻 Online, 🔀 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Written exam taking 300 minutes.

Prerequisites
Requirement for the exam application is having passed the coursework "Statics and the Science of Material Strengths - Tutorial". This is made up of several semester-accompanying tutorials that are directly related to the lecture contents.

Modeled Conditions
The following conditions have to be fulfilled:

1. The course T-ARCH-109234 - Static and Strength of Materials - Practical Course must have been passed.

Below you will find excerpts from events related to this course:

V Static and Strength of Materials (lecture)

1720902, SS 2023, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The basic and general principles of the behaviour of building materials and the load carrying behaviour are taught to which buildings are exposed and which they have to withstand. Basic knowledge of mathematics and physics is applied to the recording and description of load transfer in building structures. The basic concepts of structural analysis are dealt with, which in their essence represent an assignment of physics to geometry and have a direct relationship to the built environment via physics. An overview of the spatial structure of simple load-bearing structures is given and knowledge of the functional relationships of elementary structural analysis is imparted for practical application in the design of load-bearing structures.

Regular app.: Tue, 9:45 a.m. -11:15 a.m., 20.40, Fritz-Haller-Hörsaal

1st Date April 18th 2023 9:45 a.m.
Exam: August 8nd 2023

V Static and Strength of Materials (Theoretical)

1720903, SS 2023, 2 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
Based on the laws of building material behaviour and the description of load transfer, which are presented in the experiments and in general terms in the lecture, the transfer to concrete applications takes place in the theoretical exercises. The content of the exercises is to assign the lecture-related topics to specific situations using examples. The design of a supporting structure, the external and internal equilibrium, the stability and the spatial structure, which are universally applicable in the principles of load-bearing behaviour, are used to explain the thickness of a ceiling with the size of the live loads, to derive the height of a beam from the cross-sectional geometry or to illustrate the dependence of the spatial stability on the joining technique.

Regular app.: Tue, 8:00 a.m. - 9:30 a.m., 20.40, Fritz-Haller-Hörsaal/Lecture room H9

First date April 25th 2023, 8.00 a.m.
Exam: Aug., 8th 2023

V **Static and Strength of Materials (practical)** **Practice (Ü)**
1720904, SS 2023, 2 SWS, Language: German, Open in study portal **On-Site**

Content
Statics and strength of materials is based on the principles of the classical science of observing, recognizing interrelationships and describing them with word, sketches and mathematical functionals in order to obtain knowledge about the stability of buildings. The approaches to the contents are experimentation, the qualitative comprehension of quantities and their correlations and the functional laws that can be derived from them. In the lecture and the physical exercise, the functional correlations are presented and applied. In the practical exercises, the observation and perception of qualitatively describable dependencies in load transfer are trained by means of experiments and the analysis of built examples.

Regular app.: Tue, 11:30 a.m. - 01:00 p.m., 20.40, Fritz-Haller-Hörsaal

First meeting: Tue, April 18th 2023
Exam. another type

T 4.72 Course: Static and Strength of Materials - Practical Course [T-ARCH-109234]

Responsible: Prof. Dr.-Ing. Rosemarie Wagner
Organisation: KIT Department of Architecture

Part of: M-ARCH-103555 - Static and Strength of Materials

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	0	pass/fail	Each summer term	1

Events					
ST 2023	1720903	Static and Strength of Materials (Theoretical)	2 SWS	Practice / 🗣	Wagner, Mildenberger
ST 2023	1720904	Static and Strength of Materials (practical)	2 SWS	Practice / 🗣	Wagner, Mildenberger

Legend: 💻 Online, 🎲 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Completed Coursework made up of several semester-accompanying tutorials that are directly related to the lecture contents.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Static and Strength of Materials (Theoretical)

1720903, SS 2023, 2 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
Based on the laws of building material behaviour and the description of load transfer, which are presented in the experiments and in general terms in the lecture, the transfer to concrete applications takes place in the theoretical exercises. The content of the exercises is to assign the lecture-related topics to specific situations using examples. The design of a supporting structure, the external and internal equilibrium, the stability and the spatial structure, which are universally applicable in the principles of load-bearing behaviour, are used to explain the thickness of a ceiling with the size of the live loads, to derive the height of a beam from the cross-sectional geometry or to illustrate the dependence of the spatial stability on the joining technique.

Regular app.: Tue, 8:00 a.m. - 9:30 a.m., 20.40, Fritz-Haller-Hörsaal/Lecture room H9

First date April 25th 2023, 8.00 a.m.
Exam: Aug., 8th 2023

V Static and Strength of Materials (practical)

1720904, SS 2023, 2 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
Statics and strength of materials is based on the principles of the classical science of observing, recognizing interrelationships and describing them with word, sketches and mathematical functionals in order to obtain knowledge about the stability of buildings. The approaches to the contents are experimentation, the qualitative comprehension of quantities and their correlations and the functional laws that can be derived from them. In the lecture and the physical exercise, the functional correlations are presented and applied. In the practical exercises, the observation and perception of qualitatively describable dependencies in load transfer are trained by means of experiments and the analysis of built examples.

Regular app.: Tue, 11:30 a.m. - 01:00 p.m., 20.40, Fritz-Haller-Hörsaal

First meeting: Tue, April 18th 2023
Exam. another type

T 4.73 Course: Structural Analysis [T-ARCH-107330]

Responsible: Prof. Dr.-Ing. Riccardo La Magna
Organisation: KIT Department of Architecture

Part of: M-ARCH-103590 - Structural Analysis

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Competence Certificate
Other examination requirements consisting of the supporting structure analysis of an existing building that is drawn up during the semester, the presentation of the results in an oral talk of about 20 minutes duration and a written paper of maximum 20 pages. The work takes place in groups of two and regular supervision respectively corrections take place.

Prerequisites
none

T 4.74 Course: Structural Design [T-ARCH-107295]

Responsible: Prof. Dr.-Ing. Riccardo La Magna
Organisation: KIT Department of Architecture

Part of: M-ARCH-103558 - Structural Design

Type	Credits	Grading scale	Recurrence	Version
Written examination	4	Grade to a third	Each winter term	2

Events					
WT 23/24	1720751	Structural Design (Lecture)	2 SWS	Lecture / 🗣	La Magna
WT 23/24	1720752	Structural Design (Exercise)	2 SWS	Practice / 🗣	La Magna, Kalkbrenner, Haußer, Andersson Largueche

Legend: 📱 Online, 🎲 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
Written exam taking about 180 minutes on the contents of the lecture.

Prerequisites
Requirement for the exam application is having passed the completed coursework "Supporting Structure Design Composition of the Studio Design".

Modeled Conditions
The following conditions have to be fulfilled:

1. The course T-ARCH-109235 - Structural Design - Practical Course must have been passed.

Below you will find excerpts from events related to this course:

V Structural Design (Lecture)

1720751, WS 23/24, 2 SWS, Language: German/English, Open in study portal

Lecture (V)
On-Site

Content
The module Structural Engineering teaches the fundamental functions and modes of action of the essential different structures (physical and technical fundamentals) as well as the importance of structural design in the architectural design process in terms of form, function, sustainability and design.

Appointment: Thu, 9:45 a.m. - 11:15 a.m.
First meeting: Thu, 26.10.23, 9:45 a.m.
Submission/Exam: Thu, 27.02.2024

Literature

V Structural Design (Exercise)

1720752, WS 23/24, 2 SWS, Language: German/English, Open in study portal

Practice (Ü)
On-Site

Content
In the module Structural Engineering, there will be 3 additional studio supervisions (approx. 4 hours each), 2 pin-ups (approx. 8 hours each) and 1 final presentation (approx. 8 hours). In order to qualify for the exam, it is necessary to successfully complete the weekly homework.

Appointment: Thu, 11:30 a.m. - 01:00 p.m.
First meeting: Thu, 26.10.2023, 11:30 a.m.
Submission/Exam: Thu, 27.02.2024

T 4.75 Course: Structural Design - Practical Course [T-ARCH-109235]

Responsible: Prof. Dr.-Ing. Riccardo La Magna
Organisation: KIT Department of Architecture

Part of: M-ARCH-103558 - Structural Design

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	0	pass/fail	Each winter term	1

Competence Certificate
Completed coursework consisting of the semester-accompanying structural design composition of the draft project in the module "Studio Material" which is to be worked on and produced during the semester. Working on the design project takes place in the same groups as in the module "Studio Material". In the course of the semester up to three supervisions resp. corrections take place. This part of the progress monitoring occurs during one's studies in the framework of up to two intermediate and one final presentation together with the presentation in the "Studio Material". There the worked out results in the formats drawings, models, texts and presentations are portrayed and evaluated. The presentation duration of the supporting structure design composition is approx. 5 minutes per group.

Prerequisites
none

T 4.76 Course: Survey [T-BGU-108019]

Responsible: Dr.-Ing. Manfred Juretzko
Organisation: KIT Department of Civil Engineering, Geo and Environmental Sciences
Part of: M-ARCH-105811 - History of Architecture and Urban Planning and Building Survey

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	1	pass/fail	Each summer term	1

Events					
ST 2023	1741356	Building Survey and Survey	2 SWS	/	Medina Warmburg, Juretzko, Busse

Legend: Online, Blended (On-Site/Online), On-Site, × Cancelled

Competence Certificate
The completed coursework Surveying consists of prepared calculation exercises and the handing-in of the worked out survey in the form of plans and tables.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Building Survey and Survey

1741356, SS 2023, 2 SWS, Language: German, Open in study portal **Blended (On-Site/Online)**

Content
In the course "Building Surveying", lectures and exercises provide an introduction to the analytical and methodical approach of surveying and measurement methods as well as the forms of documentation and focus on individual areas that form the basis for accurate and well-founded planning with existing building fabric and its essential characteristics.

The exact and true-to-scale measurement is the basis for the future planning, which can be created with different methods. With the recording on site and the documentation of the existing, the building is measured and documented in drawings and thus made ascertainable and evaluable in its complexity. Procedure:

Building Survey 2023 will take place in a mixed format of face-to-face and online events. All information, assignments and lectures are provided on ILIAS. The work is done and handed in in groups of two, which in turn are placed in groups of four, in which they organize themselves.

Several groups of two are assigned to a tutor, with whom they can arrange supervision appointments on designated days. At least once each assignment must be submitted to the tutor for correction.

Date: Fr 11:30-1 pm

1. Meeting: 21.04.2023

T 4.77 Course: Sustainability [T-ARCH-107289]

Responsible: Prof.Dipl.-Ing. Dirk Hebel
Organisation: KIT Department of Architecture
Part of: M-ARCH-103552 - Sustainability

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each winter term	1

Competence Certificate
Other examination requirement that consists of an oral discussion on the topics of the lecture.

Prerequisites
none

T 4.78 Course: Theory of Architecture 1 [T-ARCH-107298]

Responsible: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture

Part of: M-ARCH-103561 - Theory of Architecture 1

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each winter term	3

Events					
WT 23/24	1710401	Who's afraid of architecture theory?	4 SWS	Lecture / 🗣	Meister, Knoop

Legend: 🖥 Online, 🔀 Blended (On-Site/Online), 🗣 On-Site, × Cancelled

Competence Certificate
Other examination requirements consisting of an Open Book Upload exam. The task is digitally supported and must be completed within a defined time window of 90 minutes from home. Aids are permitted. Students download the tasks as a file at the beginning of the time window, work on them digitally and upload the results as a submission immediately after the end of the processing time in a limited time window. The submission includes the declaration of independent processing and indication of the aids.

Prerequisites
Requirement for the exam application is having passed the completed coursework "Architecture Theory 1 - Tutorial".

Modeled Conditions
The following conditions have to be fulfilled:

1. The course T-ARCH-109236 - Theory of Architecture 1 - Practical Course must have been passed.

Below you will find excerpts from events related to this course:

V Who's afraid of architecture theory?
1710401, WS 23/24, 4 SWS, Language: German/English, Open in study portal

Lecture (V)
On-Site

Content
Architecture is a societal practice: the creation of spaces for others. So why theory? The built environment is a discourse, with statements already standing, critiques being formulated - and like any discourse, it is in constant flux. Hence, whatever architects contribute is always already part of a longer negotiation, and that is why it is important to know what position to take, who one quotes (consciously or unconsciously), what one wants to question, what to stand up for. This includes critical engagement with technophilic rhetorics of efficiency, rationalization, precision, or function, as well as expanding circles of actors or considering the consequences of architectural action. The pressing questions of our discipline about intersectional sustainability beyond the technicist belief in progress or diversification as a real change of perspective are foregrounded. The questions that preoccupy us are therefore: who produces which architectures with what (social, political or aesthetic) intention? At whose expense are they produced? Who and what is included or excluded? What images of society are constructed by them? Different positions will be illuminated in order to ask better and better questions.

Appointment: Thu, 9:45-11:30am - Exercise: 11:30am -1:00pm

T 4.79 Course: Theory of Architecture 1 - Practical Course [T-ARCH-109236]

Responsible: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture

Part of: M-ARCH-103561 - Theory of Architecture 1

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	0	pass/fail	Each winter term	1

Events					
WT 23/24	1710401	Who's afraid of architecture theory?	4 SWS	Lecture / 🗣	Meister, Knoop

Legend: 📱 Online, Blended (On-Site/Online), 🗣 On-Site, × Cancelled

Competence Certificate
Completed coursework consisting of the weekly compilation of written position papers on the respective lecture topics of approx. half an A4 page. The minimum number of position papers that have to be handed in will be made public at the start of the university semester (approx. half of the number of lectures).

Prerequisites
none

Below you will find excerpts from events related to this course:

V Who's afraid of architecture theory?

1710401, WS 23/24, 4 SWS, Language: German/English, Open in study portal

Lecture (V)
On-Site

Content
Architecture is a societal practice: the creation of spaces for others. So why theory? The built environment is a discourse, with statements already standing, critiques being formulated - and like any discourse, it is in constant flux. Hence, whatever architects contribute is always already part of a longer negotiation, and that is why it is important to know what position to take, who one quotes (consciously or unconsciously), what one wants to question, what to stand up for. This includes critical engagement with technophilic rhetorics of efficiency, rationalization, precision, or function, as well as expanding circles of actors or considering the consequences of architectural action. The pressing questions of our discipline about intersectional sustainability beyond the technicist belief in progress or diversification as a real change of perspective are foregrounded. The questions that preoccupy us are therefore: who produces which architectures with what (social, political or aesthetic) intention? At whose expense are they produced? Who and what is included or excluded? What images of society are constructed by them? Different positions will be illuminated in order to ask better and better questions.

Appointment: Thu, 9:45-11:30am - Exercise: 11:30am -1:00pm

T 4.80 Course: Theory of Architecture 2 [T-ARCH-107299]

Responsible: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture

Part of: M-ARCH-103562 - Theory of Architecture 2

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each summer term	3

Competence Certificate
Other examination requirements consisting of an Open Book Upload exam. The task is digitally supported and must be completed within a defined time window of 90 minutes from home. Aids are permitted. Students download the tasks as a file at the beginning of the time window, work on them digitally and upload the results as a submission immediately after the end of the processing time in a limited time window. The submission includes the declaration of independent processing and indication of the aids.

Prerequisites
Requirement for the exam application is having passed the completed coursework "Architecture Theory 1 - Tutorial".

Modeled Conditions
The following conditions have to be fulfilled:

1. The course T-ARCH-109237 - Theory of Architecture 2 - Practical Course must have been passed.

T 4.81 Course: Theory of Architecture 2 - Practical Course [T-ARCH-109237]

Responsible: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture

Part of: M-ARCH-103562 - Theory of Architecture 2

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	0	pass/fail	Each summer term	1

Competence Certificate
Completed Coursework consisting of the weekly compilation of written position papers on the respective lecture topics of approx. half an A4 page. The minimum number of position papers that have to be handed in will be made public at the start of the university semester (approx. half of the number of lectures).

Prerequisites
none

T 4.82 Course: Visit Lecture Series Bachelor [T-ARCH-109970]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-103602 - Key Qualifications

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	1	pass/fail	Each term	1

Events					
ST 2023	1700000	Karlsruher Architekturvorträge "Skizzenwerk"		/ 🗣	Hebel
WT 23/24	1700000	Karlsruhe Architecture Lectures		/ 🗣	Hebel

Legend: 💻 Online, 🎲 Blended (On-Site/Online), 🗣 On-Site, ✕ Cancelled

Competence Certificate
The progress monitoring of the partial completed coursework "Participation in Lecture Series" consists of the confirmation of having visited at least 15 lectures of the lecture series "Karlsruhe Architecture Lectures", "Lecture Series History of Art" or "Construction History Colloquium" of the KIT Department of Architecture.

Prerequisites
none

Below you will find excerpts from events related to this course:

V Karlsruher Architekturvorträge "Skizzenwerk"

1700000, SS 2023, SWS, Language: German/English, Open in study portal **On-Site**

Content
Attendance of at least 15 lectures of the event series "Karlsruher Architektur-vorträge", "Vortragsreihe Kunstgeschichte", or "Baugeschichtliches Kolloquium" of the KIT Faculty of Architecture can be recognized with a credit point in the module Key Qualifications. For dates and program see homepage of the KIT Faculty.

V Karlsruhe Architecture Lectures

1700000, WS 23/24, SWS, Language: German/English, Open in study portal **On-Site**

Content
Attendance of at least 15 lectures of the event series "Karlsruher Architektur-vorträge", "Vortragsreihe Kunstgeschichte", or "Baugeschichtliches Kolloquium" of the KIT Faculty of Architecture can be recognized with a credit point in the module Key Qualifications.

Date: Wed, from 7 pm, 20.40, Fritz-Haller-Hörsaal

For dates and program see homepage of the KIT Faculty:
https://www.arch.kit.edu/architekturvortraege.php

T 4.83 Course: Workshop Introduction [T-ARCH-107340]

Responsible: Andreas Heil
Philipp Jager
Anita Knipper

Organisation: KIT Department of Architecture

Part of: M-ARCH-103602 - Key Qualifications

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	1	pass/fail	Each term	1

Events					
ST 2023	1700040	Workshop Introduction	1 SWS	/	Heil, Jager, Knipper
WT 23/24	1700042	Workshop Introduction	1 SWS		Knipper, Gäng, Heil, Seeland, Engel, Jager

Legend: Online, Blended (On-Site/Online), On-Site, × Cancelled

Competence Certificate
Completed coursework consisting of the "Werkstattführerschein".

Prerequisites
none

Below you will find excerpts from events related to this course:

V Workshop Introduction

1700040, SS 2023, 1 SWS, Language: German, Open in study portal

Blended (On-Site/Online)

Content
In the course of the bachelor's program, introductions must be completed in all study workshops.
In some cases, the introductions are linked to specific courses.
Further information is available in the corresponding courses.
Examination: Participation is confirmed on workshop driver's license

V Workshop Introduction

1700042, WS 23/24, 1 SWS, Language: German, Open in study portal

Content
In the course of the bachelor's program, introductions must be completed in all study workshops.
In some cases, the introductions are linked to specific courses.
Further information is available in the corresponding courses.

Die Forschungsuniversität in der Helmholtz-Gemeinschaft

Karlsruher Institut für Technologie

Amtliche Bekanntmachung

2016 **Ausgegeben Karlsruhe, den 27. Juli 2016** **Nr. 66**

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Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie (KIT) für den Bachelorstudiengang Architektur **409**

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Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie (KIT) für den Bachelorstudiengang Architektur

vom 26. Juli 2016

Aufgrund von § 10 Absatz 2 Ziff. 5 und § 20 Absatz 2 Satz 1 des Gesetzes über das Karlsruher Institut für Technologie (KIT-Gesetz - KITG) in der Fassung vom 14. Juli 2009 (GBl. S. 317 f), zuletzt geändert durch Artikel 5 des Dritten Gesetzes zur Änderung hochschulrechtlicher Vorschriften (3. Hochschulrechtsänderungsgesetz – 3. HRÄG) vom 01. April 2014 (GBl. S. 99, 167) und § 32 Absatz 3 Satz 1 des Gesetzes über die Hochschulen in Baden-Württemberg (Landeshochschulgesetz - LHG) in der Fassung vom 1. Januar 2005 (GBl. S. 1 f), zuletzt geändert durch Artikel 2 des Gesetzes zur Verwirklichung der Chancengleichheit von Frauen und Männern im öffentlichen Dienst in Baden-Württemberg und zur Änderung des Landeshochschulgesetzes vom 23. Februar 2016 (GBl. S. 108, 118), hat der Senat des KIT am 18. Juli 2016 die folgende Studien- und Prüfungsordnung für den Bachelorstudiengang Architektur beschlossen.

Der Präsident hat seine Zustimmung gemäß § 20 Absatz 2 Satz 1 KITG i.V.m. § 32 Absatz 3 Satz 1 LHG am 26. Juli 2016 erteilt.

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Präambel

Das KIT hat sich im Rahmen der Umsetzung des Bolognaprozesses zum Aufbau eines europäischen Hochschulraumes zum Ziel gesetzt, dass am Abschluss des Studiums am KIT der Mastergrad stehen soll. Das KIT sieht daher die am KIT angebotenen konsekutiven Bachelor- und Masterstudiengänge als Gesamtkonzept mit konsekutivem Curriculum.

I. Allgemeine Bestimmungen

§ 1 Geltungsbereich

Diese Bachelorprüfungsordnung regelt Studienablauf, Prüfungen und den Abschluss des Studiums im Bachelorstudiengang Architektur am KIT.

§ 2 Ziel des Studiums, akademischer Grad

(1) Im Bachelorstudium sollen die wissenschaftlichen Grundlagen und die Methodenkompetenz der Architektur vermittelt werden. Ziel des Studiums ist die Fähigkeit, einen konsekutiven Masterstudiengang erfolgreich absolvieren zu können sowie das erworbene Wissen berufsfeldbezogen anwenden zu können.

(2) Aufgrund der bestandenen Bachelorprüfung wird der akademische Grad „Bachelor of Science (B.Sc.)“ für den Bachelorstudiengang Architektur verliehen.

§ 3 Regelstudienzeit, Studienaufbau, Leistungspunkte

(1) Die Regelstudienzeit beträgt sechs Semester.

(2) Das Lehrangebot des Studiengangs ist in Fächer, die Fächer sind in Module, die jeweiligen Module in Lehrveranstaltungen gegliedert. Die Fächer und ihr Umfang werden in § 20 festgelegt. Näheres beschreibt das Modulhandbuch.

(3) Der für das Absolvieren von Lehrveranstaltungen und Modulen vorgesehene Arbeitsaufwand wird in Leistungspunkten (LP) ausgewiesen. Die Maßstäbe für die Zuordnung von Leistungspunkten entsprechen dem European Credit Transfer System (ECTS). Ein Leistungspunkt entspricht einem Arbeitsaufwand von etwa 30 Zeitstunden. Die Verteilung der Leistungspunkte auf die Semester hat in der Regel gleichmäßig zu erfolgen.

(4) Der Umfang der für den erfolgreichen Abschluss des Studiums erforderlichen Studien- und Prüfungsleistungen wird in Leistungspunkten gemessen und beträgt insgesamt 180 Leistungspunkte.

(5) Lehrveranstaltungen können nach vorheriger Ankündigung auch in englischer Sprache angeboten werden, sofern es deutschsprachige Wahlmöglichkeiten gibt.

§ 4 Modulprüfungen, Studien- und Prüfungsleistungen

(1) Die Bachelorprüfung besteht aus Modulprüfungen. Modulprüfungen bestehen aus einer oder mehreren Erfolgskontrollen.

Erfolgskontrollen gliedern sich in Studien- oder Prüfungsleistungen.

(2) Prüfungsleistungen sind:

1. schriftliche Prüfungen,

2. mündliche Prüfungen oder

3. Prüfungsleistungen anderer Art.

(3) Studienleistungen sind schriftliche, mündliche oder praktische Leistungen, die von den Studierenden in der Regel lehrveranstaltungsbegleitend erbracht werden. Die Bachelorprüfung darf nicht mit einer Studienleistung abgeschlossen werden.

(4) Von den Modulprüfungen sollen mindestens 70 % benotet sein.

(5) Bei sich ergänzenden Inhalten können die Modulprüfungen mehrerer Module durch eine auch modulübergreifende Prüfungsleistung (Absatz 2 Nr.1 bis 3) ersetzt werden.

§ 5 Anmeldung und Zulassung zu den Modulprüfungen und Lehrveranstaltungen

(1) Um an den Modulprüfungen teilnehmen zu können, müssen sich die Studierenden online im Studierendenportal zu den jeweiligen Erfolgskontrollen anmelden. In Ausnahmefällen kann eine Anmeldung schriftlich im Studierendenservice oder in einer anderen, vom Studierendenservice autorisierten Einrichtung erfolgen. Für die Erfolgskontrollen können durch die Prüfenden Anmeldefristen festgelegt werden. Die Anmeldung der Bachelorarbeit ist im Modulhandbuch geregelt.

(2) Sofern Wahlmöglichkeiten bestehen, müssen Studierende, um zu einer Prüfung in einem bestimmten Modul zugelassen zu werden, vor der ersten Prüfung in diesem Modul mit der Anmeldung zu der Prüfung eine bindende Erklärung über die Wahl des betreffenden Moduls und dessen Zuordnung zu einem Fach abgeben. Auf Antrag des/der Studierenden an den Prüfungsausschuss kann die Wahl oder die Zuordnung nachträglich geändert werden. Ein einmal begonnenes Prüfungsverfahren ist zu beenden, d.h. eine erstmals nicht bestandene Prüfung ist zu wiederholen.

(3) Zu einer Erfolgskontrolle ist zuzulassen, wer

1. in den Bachelorstudiengang Architektur am KIT eingeschrieben ist; die Zulassung beurlaubter Studierender ist auf Prüfungsleistungen beschränkt; und

2. nachweist, dass er die im Modulhandbuch für die Zulassung zu einer Erfolgskontrolle festgelegten Voraussetzungen erfüllt und

3. nachweist, dass er in dem Bachelorstudiengang Architektur den Prüfungsanspruch nicht verloren hat.

(4) Nach Maßgabe von § 30 Abs. 5 LHG kann die Zulassung zu einzelnen Pflichtveranstaltungen beschränkt werden. Der/die Prüfende entscheidet über die Auswahl unter den Studierenden, die sich rechtzeitig bis zu dem von dem/der Prüfenden festgesetzten Termin angemeldet haben unter Berücksichtigung des Studienfortschritts dieser Studierenden und unter Beachtung von § 13 Abs. 1 Satz 1 und 2, sofern ein Abbau des Überhangs durch andere oder zusätzliche Veranstaltungen nicht möglich ist. Für den Fall gleichen Studienfortschritts sind durch die KIT-Fakultäten weitere Kriterien festzulegen. Das Ergebnis wird den Studierenden rechtzeitig bekannt gegeben.

(5) Die Zulassung ist abzulehnen, wenn die in Absatz 3 und 4 genannten Voraussetzungen nicht erfüllt sind.

§ 6 Durchführung von Erfolgskontrollen

(1) Erfolgskontrollen werden studienbegleitend, in der Regel im Verlauf der Vermittlung der Lehrinhalte der einzelnen Module oder zeitnah danach, durchgeführt.

(2) Die Art der Erfolgskontrolle (§ 4 Abs. 2 Nr. 1 bis 3, Abs. 3) wird von der/dem Prüfenden der betreffenden Lehrveranstaltung in Bezug auf die Lerninhalte der Lehrveranstaltung und die Lernziele des Moduls festgelegt. Die Art der Erfolgskontrolle, ihre Häufigkeit, Reihenfolge und Gewichtung sowie gegebenenfalls die Bildung der Modulnote müssen mindestens sechs Wochen vor Vorlesungsbeginn im Modulhandbuch bekannt gemacht werden. Im Einvernehmen von Prüfendem und Studierender bzw. Studierendem können die Art der Prüfungsleistung sowie die

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Prüfungssprache auch nachträglich geändert werden; im ersten Fall ist jedoch § 4 Abs. 5 zu berücksichtigen. Bei der Prüfungsorganisation sind die Belange Studierender mit Behinderung oder chronischer Erkrankung gemäß § 13 Abs. 1 zu berücksichtigen. § 13 Abs. 1 Satz 3 und 4 gelten entsprechend.

(3) Bei unvertretbar hohem Prüfungsaufwand kann eine schriftlich durchzuführende Prüfungsleistung auch mündlich, oder eine mündlich durchzuführende Prüfungsleistung auch schriftlich abgenommen werden. Diese Änderung muss mindestens sechs Wochen vor der Prüfungsleistung bekannt gegeben werden.

(4) Bei Lehrveranstaltungen in englischer Sprache (§ 3 Abs. 6) können die entsprechenden Erfolgskontrollen in dieser Sprache abgenommen werden. § 6 Abs. 2 gilt entsprechend.

(5) *Schriftliche Prüfungen* (§ 4 Abs. 2 Nr. 1) sind in der Regel von einer/einem Prüfenden nach § 18 Abs. 2 oder 3 zu bewerten. Sofern eine Bewertung durch mehrere Prüfende erfolgt, ergibt sich die Note aus dem arithmetischen Mittel der Einzelbewertungen. Entspricht das arithmetische Mittel keiner der in § 7 Abs. 2 Satz 2 definierten Notenstufen, so ist auf die nächstliegende Notenstufe auf- oder abzurunden. Bei gleichem Abstand ist auf die nächstbessere Notenstufe zu runden. Das Bewertungsverfahren soll sechs Wochen nicht überschreiten. Schriftliche Prüfungen dauern mindestens 60 und höchstens 300 Minuten.

(6) *Mündliche Prüfungen* (§ 4 Abs. 2 Nr. 2) sind von mehreren Prüfenden (Kollegialprüfung) oder von einer/einem Prüfenden in Gegenwart einer oder eines Beisitzenden als Gruppen- oder Einzelprüfungen abzunehmen und zu bewerten. Vor der Festsetzung der Note hört die/der Prüfende die anderen an der Kollegialprüfung mitwirkenden Prüfenden an. Mündliche Prüfungen dauern in der Regel mindestens 15 Minuten und maximal 60 Minuten pro Studierenden.

Die wesentlichen Gegenstände und Ergebnisse der *mündlichen Prüfung* sind in einem Protokoll festzuhalten. Das Ergebnis der Prüfung ist den Studierenden im Anschluss an die mündliche Prüfung bekannt zu geben.

Studierende, die sich in einem späteren Semester der gleichen Prüfung unterziehen wollen, werden entsprechend den räumlichen Verhältnissen und nach Zustimmung des Prüflings als Zuhörerinnen und Zuhörer bei mündlichen Prüfungen zugelassen. Die Zulassung erstreckt sich nicht auf die Beratung und Bekanntgabe der Prüfungsergebnisse.

(7) Für *Prüfungsleistungen anderer Art* (§ 4 Abs. 2 Nr. 3) sind angemessene Bearbeitungsfristen einzuräumen und Abgabetermine festzulegen. Dabei ist durch die Art der Aufgabenstellung und durch entsprechende Dokumentation sicherzustellen, dass die erbrachte Prüfungsleistung dem/der Studierenden zurechenbar ist. Die wesentlichen Gegenstände und Ergebnisse einer solchen Erfolgskontrolle sind in einem Protokoll festzuhalten.

Bei *mündlich* durchgeführten *Prüfungsleistungen anderer Art* muss neben der/dem Prüfenden ein/e Beisitzende/r anwesend sein, die/der zusätzlich zum/zur Prüfenden das Protokoll zeichnet.

Schriftliche und/oder zeichnerische Arbeiten im Rahmen einer *Prüfungsleistung anderer Art* haben dabei die folgende Erklärung zu tragen: „Ich versichere wahrheitsgemäß, die Arbeit selbstständig angefertigt, alle benutzten Hilfsmittel vollständig und genau angegeben und alles kenntlich gemacht zu haben, was aus Arbeiten anderer unverändert oder mit Abänderungen entnommen wurde.“ Trägt die Arbeit diese Erklärung nicht, wird sie nicht angenommen. Die wesentlichen Gegenstände und Ergebnisse der Erfolgskontrolle sind in einem Protokoll festzuhalten.

§ 6 a Erfolgskontrollen im Antwort-Wahl-Verfahren

Das Modulhandbuch regelt, ob und in welchem Umfang Erfolgskontrollen im Wege des *Antwort-Wahl-Verfahrens* abgelegt werden können

§ 6 b Computergestützte Erfolgskontrollen

(1) Erfolgskontrollen können computergestützt durchgeführt werden. Dabei wird die Antwort bzw. Lösung der/des Studierenden elektronisch übermittelt und, sofern möglich, automatisiert ausgewertet. Die Prüfungsinhalte sind von einer/einem Prüfenden zu erstellen.

(2) Vor der computergestützten Erfolgskontrolle hat die/der Prüfende sicherzustellen, dass die elektronischen Daten eindeutig identifiziert und unverwechselbar und dauerhaft den Studierenden zugeordnet werden können. Der störungsfreie Verlauf einer computergestützten Erfolgskontrolle ist durch entsprechende technische und fachliche Betreuung zu gewährleisten. Alle Prüfungsaufgaben müssen während der gesamten Bearbeitungszeit zur Bearbeitung zur Verfügung stehen.

(3) Im Übrigen gelten für die Durchführung von computergestützten Erfolgskontrollen die §§ 6 bzw. 6 a.

§ 7 Bewertung von Studien- und Prüfungsleistungen

(1) Das Ergebnis einer Prüfungsleistung wird von den jeweiligen Prüfenden in Form einer Note festgesetzt.

(2) Folgende Noten sollen verwendet werden:

sehr gut (very good)	:	hervorragende Leistung,
gut (good)	:	eine Leistung, die erheblich über den durchschnittlichen Anforderungen liegt,
befriedigend (satisfactory)	:	eine Leistung, die durchschnittlichen Anforderungen entspricht,
ausreichend (sufficient)	:	eine Leistung, die trotz ihrer Mängel noch den Anforderungen genügt,
nicht ausreichend (failed)	:	eine Leistung, die wegen erheblicher Mängel nicht den Anforderungen genügt.

Zur differenzierten Bewertung einzelner Prüfungsleistungen sind nur folgende Noten zugelassen:

1,0; 1,3	:	sehr gut
1,7; 2,0; 2,3	:	gut
2,7; 3,0; 3.3	:	befriedigend
3,7; 4,0	:	ausreichend
5,0	:	nicht ausreichend

(3) Studienleistungen werden mit „bestanden“ oder mit „nicht bestanden“ gewertet.

(4) Bei der Bildung der gewichteten Durchschnitte der Modulnoten, der Fachnoten und der Gesamtnote wird nur die erste Dezimalstelle hinter dem Komma berücksichtigt; alle weiteren Stellen werden ohne Rundung gestrichen.

(5) Jedes Modul und jede Erfolgskontrolle darf in demselben Studiengang nur einmal gewertet werden.

(6) Eine Prüfungsleistung ist bestanden, wenn die Note mindestens „ausreichend“ (4,0) ist.

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(7) Die Modulprüfung ist bestanden, wenn alle erforderlichen Erfolgskontrollen bestanden sind. Die Modulprüfung und die Bildung der Modulnote sollen im Modulhandbuch geregelt werden. Sofern das Modulhandbuch keine Regelung über die Bildung der Modulnote enthält, errechnet sich die Modulnote aus einem nach den Leistungspunkten der einzelnen Teilmodule gewichteter Notendurchschnitt. Die differenzierten Noten (Absatz 2) sind bei der Berechnung der Modulnoten als Ausgangsdaten zu verwenden.

(8) Die Ergebnisse der Erfolgskontrollen sowie die erworbenen Leistungspunkte werden durch den Studierendenservice des KIT verwaltet.

(9) Die Noten der Module eines Faches gehen in die Fachnote mit einem Gewicht proportional zu den ausgewiesenen Leistungspunkten der Module ein.

(10) Die Gesamtnote der Bachelorprüfung, die Fachnoten und die Modulnoten lauten:

		bis	1,5	=	sehr gut
von	1,6	bis	2,5	=	gut
von	2,6	bis	3,5	=	befriedigend
von	3,6	bis	4,0	=	ausreichend

§ 8 Orientierungsprüfungen, Verlust des Prüfungsanspruchs

(1) Die Modulprüfungen in den Modulen „Architekturgeometrie und Digitales Gestalten 1“ (4 LP), „Architekturtheorie 1“ (4 LP), „Studio Gefüge“ (10 LP) und „Bauphysik“ (4 LP) sind bis zum Ende des Prüfungszeitraums des zweiten Fachsemesters abzulegen (Orientierungsprüfungen).

(2) Wer die Orientierungsprüfungen einschließlich etwaiger Wiederholungen bis zum Ende des Prüfungszeitraums des dritten Fachsemesters nicht erfolgreich abgelegt hat, verliert den Prüfungsanspruch im Studiengang, es sei denn, dass die Fristüberschreitung nicht selbst zu vertreten ist; hierüber entscheidet der Prüfungsausschuss auf Antrag der oder des Studierenden. Eine zweite Wiederholung der Orientierungsprüfungen ist ausgeschlossen.

(3) Ist die Bachelorprüfung bis zum Ende des Prüfungszeitraums des neunten Fachsemesters einschließlich etwaiger Wiederholungen nicht vollständig abgelegt, so erlischt der Prüfungsanspruch im Studiengang Architektur, es sei denn, dass die Fristüberschreitung nicht selbst zu vertreten ist. Die Entscheidung über eine Fristverlängerung und über Ausnahmen von der Fristregelung trifft der Prüfungsausschuss unter Beachtung der in § 32 Abs. 6 LHG genannten Tätigkeiten auf Antrag des/der Studierenden. Der Antrag ist schriftlich in der Regel bis sechs Wochen vor Ablauf der in Satz 1 genannten Studienhöchstdauer zu stellen.

(4) Der Prüfungsanspruch geht auch verloren, wenn eine nach dieser Studien- und Prüfungsordnung erforderliche Studien- oder Prüfungsleistung endgültig nicht bestanden ist.

§ 9 Wiederholung von Erfolgskontrollen, endgültiges Nichtbestehen

(1) Studierende können eine nicht bestandene schriftliche Prüfung (§ 4 Absatz 2 Nr. 1) einmal wiederholen. Wird eine schriftliche Wiederholungsprüfung mit „nicht ausreichend“ (5,0) bewertet, so findet eine mündliche Nachprüfung im zeitlichen Zusammenhang mit dem Termin der nicht bestandenen Prüfung statt. In diesem Falle kann die Note dieser Prüfung nicht besser als „ausreichend“ (4,0) sein.

(2) Studierende können eine nicht bestandene mündliche Prüfung (§ 4 Absatz 2 Nr. 2) einmal wiederholen.

(3) Wiederholungsprüfungen nach Absatz 1 und 2 müssen in Inhalt, Umfang und Form (mündlich oder schriftlich) der ersten entsprechen. Ausnahmen kann der zuständige Prüfungsausschuss auf Antrag zulassen.

(4) Prüfungsleistungen anderer Art (§ 4 Absatz 2 Nr. 3) können einmal wiederholt werden.

(5) Studienleistungen können mehrfach wiederholt werden.

(6) Die Prüfungsleistung ist endgültig nicht bestanden, wenn die mündliche Nachprüfung im Sinne des Absatzes 1 mit „nicht ausreichend“ (5,0) bewertet wurde. Die Prüfungsleistung ist ferner endgültig nicht bestanden, wenn die mündliche Prüfung im Sinne des Absatzes 2 oder die Prüfungsleistung anderer Art gemäß Absatz 4 zweimal mit „nicht bestanden“ bewertet wurde.

(7) Das Modul ist endgültig nicht bestanden, wenn eine für sein Bestehen erforderliche Prüfungsleistung endgültig nicht bestanden ist.

(8) Eine zweite Wiederholung derselben Prüfungsleistung gemäß § 4 Abs. 2 ist nur in Ausnahmefällen auf Antrag des/der Studierenden zulässig („Antrag auf Zweitwiederholung“). Der Antrag ist schriftlich beim Prüfungsausschuss in der Regel bis zwei Monate nach Bekanntgabe der Note zu stellen.

Über den ersten Antrag eines/einer Studierenden auf Zweitwiederholung entscheidet der Prüfungsausschuss, wenn er den Antrag genehmigt. Wenn der Prüfungsausschuss diesen Antrag ablehnt, entscheidet ein Mitglied des Präsidiums. Über weitere Anträge auf Zweitwiederholung entscheidet nach Stellungnahme des Prüfungsausschusses ein Mitglied des Präsidiums. Wird der Antrag genehmigt, hat die Zweitwiederholung spätestens zum übernächsten Prüfungstermin zu erfolgen. Absatz 1 Satz 2 und 3 gelten entsprechend.

(9) Die Wiederholung einer bestandenen Prüfungsleistung ist nicht zulässig.

(10) Die Bachelorarbeit kann bei einer Bewertung mit „nicht ausreichend“ (5,0) einmal wiederholt werden. Eine zweite Wiederholung der Bachelorarbeit ist ausgeschlossen.

§ 10 Abmeldung; Versäumnis, Rücktritt

(1) Studierende können ihre Anmeldung zu *schriftlichen Prüfungen* ohne Angabe von Gründen bis zur Ausgabe der Prüfungsaufgaben widerrufen (Abmeldung). Eine Abmeldung kann online im Studierendenportal bis 24:00 Uhr des Vortages der Prüfung oder in begründeten Ausnahmefällen beim Studierendenservice innerhalb der Geschäftszeiten erfolgen. Erfolgt die Abmeldung gegenüber dem/der Prüfenden hat diese/r Sorge zu tragen, dass die Abmeldung im Campus Management System verbucht wird.

(2) Bei *mündlichen Prüfungen* muss die Abmeldung spätestens sieben Werktage vor dem betreffenden Prüfungstermin gegenüber dem/der Prüfenden erklärt werden. Der Rücktritt von einer mündlichen Prüfung weniger als sieben Werktage vor dem betreffenden Prüfungstermin ist nur unter den Voraussetzungen des Absatzes 5 möglich. Der Rücktritt von mündlichen Nachprüfungen im Sinne von § 9 Abs. 1 ist grundsätzlich nur unter den Voraussetzungen von Absatz 5 möglich.

(3) Die Abmeldung von Prüfungsleistungen anderer Art hat in der Regel bis sechs Wochen nach Beginn der zugehörigen Lehrveranstaltung zu erfolgen. Die Abmeldung von Studienleistungen ist im Modulhandbuch geregelt.

(4) Eine Erfolgskontrolle gilt als mit „nicht ausreichend“ (5,0) bewertet, wenn die Studierenden einen Prüfungstermin ohne triftigen Grund versäumen oder wenn sie nach Beginn der Erfolgskontrolle ohne triftigen Grund von dieser zurücktreten. Dasselbe gilt, wenn die Bachelorarbeit nicht innerhalb der vorgesehenen Bearbeitungszeit erbracht wird, es sei denn, der/die Studierende hat die Fristüberschreitung nicht zu vertreten.

(5) Der für den Rücktritt nach Beginn der Erfolgskontrolle oder das Versäumnis geltend gemachte Grund muss dem Prüfungsausschuss unverzüglich schriftlich angezeigt und glaubhaft gemacht werden. Bei Krankheit des/der Studierenden oder eines allein zu versorgenden Kindes oder pflegebedürftigen Angehörigen kann die Vorlage eines ärztlichen Attestes verlangt werden.

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§ 11 Täuschung, Ordnungsverstoß

(1) Versuchen Studierende das Ergebnis ihrer Erfolgskontrolle durch Täuschung oder Benutzung nicht zugelassener Hilfsmittel zu beeinflussen, gilt die betreffende Erfolgskontrolle als mit „nicht ausreichend“ (5,0) bewertet.

(2) Studierende, die den ordnungsgemäßen Ablauf einer Erfolgskontrolle stören, können von der/dem Prüfenden oder der Aufsicht führenden Person von der Fortsetzung der Erfolgskontrolle ausgeschlossen werden. In diesem Fall gilt die betreffende Erfolgskontrolle als mit „nicht ausreichend“ (5,0) bewertet. In schwerwiegenden Fällen kann der Prüfungsausschuss diese Studierenden von der Erbringung weiterer Erfolgskontrollen ausschließen.

(3) Näheres regelt die Allgemeine Satzung des KIT zur Redlichkeit bei Prüfungen und Praktika in der jeweils gültigen Fassung.

§ 12 Mutterschutz, Elternzeit, Wahrnehmung von Familienpflichten

(1) Auf Antrag sind die Mutterschutzfristen, wie sie im jeweils gültigen Gesetz zum Schutz der erwerbstätigen Mutter (Mutterschutzgesetz - MuSchG) festgelegt sind, entsprechend zu berücksichtigen. Dem Antrag sind die erforderlichen Nachweise beizufügen. Die Mutterschutzfristen unterbrechen jede Frist nach dieser Prüfungsordnung. Die Dauer des Mutterschutzes wird nicht in die Frist eingerechnet.

(2) Gleichfalls sind die Fristen der Elternzeit nach Maßgabe des jeweils gültigen Gesetzes (Bundeselterngeld- und Elternzeitgesetz - BEEG) auf Antrag zu berücksichtigen. Der/die Studierende muss bis spätestens vier Wochen vor dem Zeitpunkt, von dem an die Elternzeit angetreten werden soll, dem Prüfungsausschuss, unter Beifügung der erforderlichen Nachweise, schriftlich mitteilen, in welchem Zeitraum die Elternzeit in Anspruch genommen werden soll. Der Prüfungsausschuss hat zu prüfen, ob die gesetzlichen Voraussetzungen vorliegen, die bei einer Arbeitnehmerin bzw. einem Arbeitnehmer den Anspruch auf Elternzeit auslösen würden, und teilt dem/der Studierenden das Ergebnis sowie die neu festgesetzten Prüfungszeiten unverzüglich mit. Die Bearbeitungszeit der Bachelorarbeit kann nicht durch Elternzeit unterbrochen werden. Die gestellte Arbeit gilt als nicht vergeben. Nach Ablauf der Elternzeit erhält der/die Studierende ein neues Thema, das innerhalb der in § 14 festgelegten Bearbeitungszeit zu bearbeiten ist.

(3) Der Prüfungsausschuss entscheidet auf Antrag über die flexible Handhabung von Prüfungsfristen entsprechend den Bestimmungen des Landeshochschulgesetzes, wenn Studierende Familienpflichten wahrzunehmen haben. Absatz 2 Satz 4 bis 6 gelten entsprechend.

§ 13 Studierende mit Behinderung oder chronischer Erkrankung

(1) Bei der Gestaltung und Organisation des Studiums sowie der Prüfungen sind die Belange Studierender mit Behinderung oder chronischer Erkrankung zu berücksichtigen. Insbesondere ist Studierenden mit Behinderung oder chronischer Erkrankung bevorzugter Zugang zu teilnahmebegrenzten Lehrveranstaltungen zu gewähren und die Reihenfolge für das Absolvieren bestimmter Lehrveranstaltungen entsprechend ihrer Bedürfnisse anzupassen. Studierende sind gemäß Bundesgleichstellungsgesetz (BGG) und Sozialgesetzbuch Neuntes Buch (SGB IX) behindert, wenn ihre körperliche Funktion, geistige Fähigkeit oder seelische Gesundheit mit hoher Wahrscheinlichkeit länger als sechs Monate von dem für das Lebensalter typischen Zustand abweichen und daher ihre Teilhabe am Leben in der Gesellschaft beeinträchtigt ist. Der Prüfungsausschuss entscheidet auf Antrag der/des Studierenden über das Vorliegen der Voraussetzungen nach Satz 2 und 3. Die/der Studierende hat die entsprechenden Nachweise vorzulegen.

(2) Weisen Studierende eine Behinderung oder chronische Erkrankung nach und folgt daraus, dass sie nicht in der Lage sind, Erfolgskontrollen ganz oder teilweise in der vorgeschriebenen Zeit oder Form abzulegen, kann der Prüfungsausschuss gestatten, die Erfolgskontrollen in ei-

nem anderen Zeitraum oder einer anderen Form zu erbringen. Insbesondere ist behinderten Studierenden zu gestatten, notwendige Hilfsmittel zu benutzen.

(3) Weisen Studierende eine Behinderung oder chronische Erkrankung nach und folgt daraus, dass sie nicht in der Lage sind, die Lehrveranstaltungen regelmäßig zu besuchen oder die gemäß § 20 erforderlichen Studien- und Prüfungsleistungen zu erbringen, kann der Prüfungsausschuss auf Antrag gestatten, dass einzelne Studien- und Prüfungsleistungen nach Ablauf der in dieser Studien- und Prüfungsordnung vorgesehenen Fristen absolviert werden können.

§ 14 Modul Bachelorarbeit

(1) Voraussetzung für die Zulassung zum Modul Bachelorarbeit ist, dass die/der Studierende

1. das Fach „Entwerfen“,

2. das Fach „Integrales Entwerfen“ und

3. zusätzlich Modulprüfungen im Umfang von 76 LP erfolgreich abgelegt hat.

Über Ausnahmen entscheidet der Prüfungsausschuss auf Antrag der/des Studierenden.

(1 a) Dem Modul Bachelorarbeit sind 12 LP zugeordnet. Es besteht aus der Bachelorarbeit und einer Präsentation. Die Bearbeitung und Präsentation hat nach dem vom Prüfungsausschuss vorgegebenen Zeitplan zu erfolgen. Dieser für alle Studierende einheitliche Zeitplan ist mit der Bachelorarbeit auszugegeben.

(2) Die Bachelorarbeit ist ein architektonischer Entwurf. Sie kann von Hochschullehrer/innen und leitenden Wissenschaftler/innen gemäß § 14 Abs. 3 Ziff. 1 KITG vergeben werden. Darüber hinaus kann der Prüfungsausschuss weitere Prüfende gemäß § 18 Abs. 2 und 3 zur Vergabe des Themas berechtigen. Soll die Bachelorarbeit außerhalb der KIT-Fakultät für Architektur angefertigt werden, so bedarf dies der Genehmigung durch den Prüfungsausschuss. Für die Bachelorarbeit stehen in jedem Semester Themen zur Auswahl. Der Prüfungsausschuss bestimmt für jedes Thema einen/eine Betreuer/in. Die Verteilung der Themen auf die Studierenden erfolgt per Zuteilungsverfahren. Näheres regelt das Modulhandbuch. Die Bachelorarbeit kann auch in Form einer Gruppenarbeit zugelassen werden, wenn der als Prüfungsleistung zu bewertende Beitrag der einzelnen Studierenden aufgrund objektiver Kriterien, die eine eindeutige Abgrenzung ermöglichen, deutlich unterscheidbar ist und die Anforderung nach Absatz 4 erfüllt. In Ausnahmefällen sorgt die/der Vorsitzende des Prüfungsausschusses auf Antrag der oder des Studierenden dafür, dass die/der Studierende innerhalb von vier Wochen ein Thema für die Bachelorarbeit erhält. Die Ausgabe des Themas erfolgt in diesem Fall über die/den Vorsitzende/n des Prüfungsausschusses.

(3) Thema, Aufgabenstellung und Umfang der Bachelorarbeit sind von dem Betreuer bzw. der Betreuerin so zu begrenzen, dass sie mit dem in Absatz 4 festgelegten Arbeitsaufwand bearbeitet werden kann.

(4) Die Bachelorarbeit soll zeigen, dass die Studierenden in der Lage sind, ein Problem aus ihrem Studienfach selbstständig und in begrenzter Zeit nach wissenschaftlichen, gestalterischen, konstruktiv-technischen, theoretisch-historischen, städtebaulichen, organisatorischen und entwerferischen Methoden zu bearbeiten. Die maximale Bearbeitungsdauer beträgt drei Monate. Thema und Aufgabenstellung sind an den vorgesehenen Umfang anzupassen. Der Prüfungsausschuss legt fest, in welchen Sprachen die Bachelorarbeit geschrieben werden kann. Auf Antrag des Studierenden kann der/die Prüfende genehmigen, dass die Bachelorarbeit in einer anderen Sprache als Deutsch geschrieben wird.

(5) Bei der Abgabe der Bachelorarbeit haben die Studierenden schriftlich zu versichern, dass sie die Arbeit selbstständig verfasst und keine anderen als die angegebenen Quellen und Hilfsmittel benutzt haben, die wörtlich oder inhaltlich übernommenen Stellen als solche kenntlich gemacht und die Satzung des KIT zur Sicherung guter wissenschaftlicher Praxis in der jeweils gültigen Fassung beachtet haben. Wenn diese Erklärung nicht enthalten ist, wird die Arbeit nicht angenommen. Die Erklärung kann wie folgt lauten: „Ich versichere wahrheitsgemäß, die Arbeit selbstständig verfasst, alle benutzten Hilfsmittel vollständig und genau angegeben und alles

kenntlich gemacht zu haben, was aus Arbeiten anderer unverändert oder mit Abänderungen entnommen wurde sowie die Satzung des KIT zur Sicherung guter wissenschaftlicher Praxis in der jeweils gültigen Fassung beachtet zu haben.“ Bei Abgabe einer unwahren Versicherung wird die Bachelorarbeit mit „nicht ausreichend“ (5,0) bewertet.

(6) Der Zeitpunkt der Ausgabe des Themas der Bachelorarbeit ist durch die Betreuerin/ den Betreuer und die/den Studierenden festzuhalten und dies beim Prüfungsausschuss aktenkundig zu machen. Der Zeitpunkt der Abgabe der Bachelorarbeit ist durch den/die Prüfende/n beim Prüfungsausschuss aktenkundig zu machen. Das Thema kann nur einmal und nur innerhalb des ersten Monats der Bearbeitungszeit zurückgegeben werden. Macht der oder die Studierende einen triftigen Grund geltend, kann der Prüfungsausschuss die in Absatz 3 festgelegte Bearbeitungszeit auf Antrag der oder des Studierenden um höchstens einen Monat verlängern. Wird die Bachelorarbeit nicht fristgerecht abgeliefert, gilt sie als mit „nicht ausreichend“ (5,0) bewertet, es sei denn, dass die Studierenden dieses Versäumnis nicht zu vertreten haben.

(7) Die Bachelorarbeit wird von mindestens einem/einer Hochschullehrer/in oder einem/einer leitenden Wissenschaftler/in gemäß § 14 Abs. 3 Ziff. 1 KITG und einem/einer weiteren Prüfenden bewertet. In der Regel ist eine/r der Prüfenden die Person, die die Arbeit gemäß Absatz 2 vergeben hat. Bei nicht übereinstimmender Beurteilung dieser beiden Personen setzt der Prüfungsausschuss im Rahmen der Bewertung dieser beiden Personen die Note der Bachelorarbeit fest; er kann auch einen weiteren Gutachter bestellen. Die Bewertung hat innerhalb von sechs Wochen nach Abgabe der Bachelorarbeit zu erfolgen.

§ 15 Zusatzleistungen

(1) Es können auch weitere Leistungspunkte (Zusatzleistungen) im Umfang von höchstens 30 LP aus dem Gesamtangebot des KIT erworben werden. § 3 und § 4 der Prüfungsordnung bleiben davon unberührt. Diese Zusatzleistungen gehen nicht in die Festsetzung der Gesamt- und Modulnoten ein. Die bei der Festlegung der Modulnote nicht berücksichtigten LP werden als Zusatzleistungen im Transcript of Records aufgeführt und als Zusatzleistungen gekennzeichnet. Auf Antrag der/des Studierenden werden die Zusatzleistungen in das Bachelorzeugnis aufgenommen und als Zusatzleistungen gekennzeichnet. Zusatzleistungen werden mit den nach § 7 vorgesehenen Noten gelistet.

(2) Die Studierenden haben bereits bei der Anmeldung zu einer Prüfung in einem Modul diese als Zusatzleistung zu deklarieren. Auf Antrag der Studierenden kann die Zuordnung des Moduls später geändert werden.

§ 15 a Mastervorzug

Studierende, die im Bachelorstudium bereits mindestens 120 LP erworben haben, können zusätzlich zu den in § 15 Abs. 1 genannten Zusatzleistungen Leistungspunkte aus einem konsekutiven Masterstudiengang am KIT im Umfang von höchstens 30 LP erwerben (Mastervorzugsleistungen). § 3 und § 4 der Prüfungsordnung bleiben davon unberührt. Die Mastervorzugsleistungen gehen nicht in die Festsetzung der Gesamt-, Fach- und Modulnoten ein. Sie werden im Transcript of Records aufgeführt und als solche gekennzeichnet sowie mit den nach § 7 vorgesehenen Noten gelistet. § 15 Absatz 2 gilt entsprechend. Es können nur Module der Fächer „Bautechnik“, „Geschichte, Kunst und Theorie“, „Gebäudeplanung“, „Stadt- und Landschaftsplanung“ sowie „Vertiefung“ und „Überfachliche Qualifikationen“ des Masterstudiengangs Architektur als Mastervorzugsleistung erbracht werden.

§ 16 Überfachliche Qualifikationen

Neben der Vermittlung von fachlichen Qualifikationen ist der Auf- und Ausbau überfachlicher Qualifikationen im Umfang von mindestens 6 LP Bestandteil eines Bachelorstudiums. Überfachliche Qualifikationen können additiv oder integrativ vermittelt werden.

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§ 17 Prüfungsausschuss

(1) Für den Bachelorstudiengang Architektur wird ein Prüfungsausschuss gebildet. Er besteht aus fünf stimmberechtigten Mitgliedern: drei Hochschullehrer/innen/ leitenden Wissenschaftler/innen gemäß § 14 Abs. 3 Ziff. 1 KITG / Privatdozentinnen bzw. -dozenten, zwei akademischen Mitarbeiterinnen und Mitarbeitern nach § 52 LHG / wissenschaftlichen Mitarbeiter/innen gemäß § 14 Abs. 3 Ziff. 2 KITG und einer bzw. einem Studierenden mit beratender Stimme. Im Falle der Einrichtung eines gemeinsamen Prüfungsausschusses für den Bachelor- und den Masterstudiengang Architektur erhöht sich die Anzahl der Studierenden auf zwei Mitglieder mit beratender Stimme, wobei je eine bzw. einer dieser Beiden aus dem Bachelor- und aus dem Masterstudiengang stammt. Die Amtszeit der nichtstudentischen Mitglieder beträgt zwei Jahre, die des studentischen Mitglieds ein Jahr.

(2) Die/der Vorsitzende, ihre/sein Stellvertreter/in, die weiteren Mitglieder des Prüfungsausschusses sowie deren Stellvertreter/innen werden von dem KIT-Fakultätsrat bestellt, die akademischen Mitarbeiter/innen nach § 52 LHG, die wissenschaftlichen Mitarbeiter gemäß § 14 Abs. 3 Ziff. 2 KITG und die Studierenden auf Vorschlag der Mitglieder der jeweiligen Gruppe; Wiederbestellung ist möglich. Die/der Vorsitzende und deren/dessen Stellvertreter/in müssen Hochschullehrer/innen oder leitende Wissenschaftler/innen § 14 Abs. 3 Ziff. 1 KITG sein. Die/der Vorsitzende des Prüfungsausschusses nimmt die laufenden Geschäfte wahr und wird durch das jeweilige Prüfungssekretariat unterstützt.

(3) Der Prüfungsausschuss achtet auf die Einhaltung der Bestimmungen dieser Studien- und Prüfungsordnung und fällt die Entscheidungen in Prüfungsangelegenheiten. Er entscheidet über die Anerkennung von Studienzeiten sowie Studien- und Prüfungsleistungen und trifft die Feststellung gemäß § 19 Absatz 1 Satz 1. Er berichtet der KIT-Fakultät regelmäßig über die Entwicklung der Prüfungs- und Studienzeiten, einschließlich der Bearbeitungszeiten für die Bachelorarbeiten und die Verteilung der Modul- und Gesamtnoten. Er ist zuständig für Anregungen zur Reform der Studien- und Prüfungsordnung und zu Modulbeschreibungen. Der Prüfungsausschuss entscheidet mit der Mehrheit seiner Stimmen. Bei Stimmengleichheit entscheidet der Vorsitzende des Prüfungsausschusses.

(4) Der Prüfungsausschuss kann die Erledigung seiner Aufgaben für alle Regelfälle auf die/den Vorsitzende/n des Prüfungsausschusses übertragen. In dringenden Angelegenheiten, deren Erledigung nicht bis zu der nächsten Sitzung des Prüfungsausschusses warten kann, entscheidet die/der Vorsitzende des Prüfungsausschusses.

(5) Die Mitglieder des Prüfungsausschusses haben das Recht, der Abnahme von Prüfungen beizuwohnen. Die Mitglieder des Prüfungsausschusses, die Prüfenden und die Beisitzenden unterliegen der Verschwiegenheit. Sofern sie nicht im öffentlichen Dienst stehen, sind sie durch die/den Vorsitzende/n zur Verschwiegenheit zu verpflichten.

(6) In Angelegenheiten des Prüfungsausschusses, die eine an einer anderen KIT-Fakultät zu absolvierende Prüfungsleistung betreffen, ist auf Antrag eines Mitgliedes des Prüfungsausschusses eine fachlich zuständige und von der betroffenen KIT-Fakultät zu nennende prüfungsberechtigte Person hinzuzuziehen.

(7) Belastende Entscheidungen des Prüfungsausschusses sind schriftlich mitzuteilen. Sie sind zu begründen und mit einer Rechtsbehelfsbelehrung zu versehen. Vor einer Entscheidung ist Gelegenheit zur Äußerung zu geben. Widersprüche gegen Entscheidungen des Prüfungsausschusses sind innerhalb eines Monats nach Zugang der Entscheidung schriftlich oder zur Niederschrift bei diesem einzulegen. Über Widersprüche entscheidet das für Lehre zuständige Mitglied des Präsidiums.

§ 18 Prüfende und Beisitzende

(1) Der Prüfungsausschuss bestellt die Prüfenden. Er kann die Bestellung der/dem Vorsitzenden übertragen.

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(2) Prüfende sind Hochschullehr/innen sowie leitende Wissenschaftler/innen gemäß § 14 Abs. 3 Ziff. 1 KITG, habilitierte Mitglieder und akademische Mitarbeiter/innen gemäß § 52 LHG, welche der KIT-Fakultät angehören und denen die Prüfungsbefugnis übertragen wurde; desgleichen kann wissenschaftlichen Mitarbeitern gemäß § 14 Abs. 3 Ziff. 2 KITG die Prüfungsbefugnis übertragen werden. Bestellt werden darf nur, wer mindestens die dem jeweiligen Prüfungsgegenstand entsprechende fachwissenschaftliche Qualifikation erworben hat.

(3) Soweit Lehrveranstaltungen von anderen als den unter Absatz 2 genannten Personen durchgeführt werden, sollen diese zu Prüfenden bestellt werden, sofern die KIT-Fakultät eine Prüfungsbefugnis erteilt hat und sie die gemäß Absatz 2 Satz 2 vorausgesetzte Qualifikation nachweisen können.

(4) Die Beisitzenden werden durch die Prüfenden benannt. Zu Beisitzenden darf nur bestellt werden, wer einen akademischen Abschluss in einem Studiengang der Architektur oder in einem verwandten Studiengang erworben hat.

§ 19 Anerkennung von Studien- und Prüfungsleistungen, Studienzeiten

(1) Studien- und Prüfungsleistungen sowie Studienzeiten, die in Studiengängen an staatlichen oder staatlich anerkannten Hochschulen und Berufsakademien der Bundesrepublik Deutschland oder an ausländischen staatlichen oder staatlich anerkannten Hochschulen erbracht wurden, werden auf Antrag der Studierenden anerkannt, sofern hinsichtlich der erworbenen Kompetenzen kein wesentlicher Unterschied zu den Leistungen oder Abschlüssen besteht, die ersetzt werden sollen. Dabei ist kein schematischer Vergleich, sondern eine Gesamtbetrachtung vorzunehmen. Bezüglich des Umfangs einer zur Anerkennung vorgelegten Studienleistung (Anrechnung) werden die Grundsätze des ECTS herangezogen.

(2) Die Studierenden haben die für die Anerkennung erforderlichen Unterlagen vorzulegen. Studierende, die neu in den Studiengang Architektur immatrikuliert wurden, haben den Antrag mit den für die Anerkennung erforderlichen Unterlagen innerhalb eines Semesters nach Immatrikulation zu stellen. Bei Unterlagen, die nicht in deutscher oder englischer Sprache vorliegen, kann eine amtlich beglaubigte Übersetzung verlangt werden. Die Beweislast dafür, dass der Antrag die Voraussetzungen für die Anerkennung nicht erfüllt, liegt beim Prüfungsausschuss.

(3) Werden Leistungen angerechnet, die nicht am KIT erbracht wurden, werden sie im Zeugnis als „anerkannt“ ausgewiesen. Liegen Noten vor, werden die Noten, soweit die Notensysteme vergleichbar sind, übernommen und in die Berechnung der Modulnoten und der Gesamtnote einbezogen. Sind die Notensysteme nicht vergleichbar, können die Noten umgerechnet werden. Liegen keine Noten vor, wird der Vermerk „bestanden“ aufgenommen.

(4) Bei der Anerkennung von Studien- und Prüfungsleistungen, die außerhalb der Bundesrepublik Deutschland erbracht wurden, sind die von der Kultusministerkonferenz und der Hochschulrektorenkonferenz gebilligten Äquivalenzvereinbarungen sowie Absprachen im Rahmen der Hochschulpartnerschaften zu beachten.

(5) Außerhalb des Hochschulsystems erworbene Kenntnisse und Fähigkeiten werden angerechnet, wenn sie nach Inhalt und Niveau den Studien- und Prüfungsleistungen gleichwertig sind, die ersetzt werden sollen und die Institution, in der die Kenntnisse und Fähigkeiten erworben wurden, ein genormtes Qualitätssicherungssystem hat. Die Anrechnung kann in Teilen versagt werden, wenn mehr als 50 Prozent des Hochschulstudiums ersetzt werden soll.

(6) Zuständig für Anerkennung und Anrechnung ist der Prüfungsausschuss. Im Rahmen der Feststellung, ob ein wesentlicher Unterschied im Sinne des Absatz 1 vorliegt, sind die zuständigen Fachvertreter/innen zu hören. Der Prüfungsausschuss entscheidet in Abhängigkeit von Art und Umfang der anzurechnenden Studien- und Prüfungsleistungen über die Einstufung in ein höheres Fachsemester.

II. Bachelorprüfung

§ 20 Umfang und Art der Bachelorprüfung

(1) Die Bachelorprüfung besteht aus den Modulprüfungen nach Absatz 2 sowie dem Modul Bachelorarbeit (§ 14)

(2) Es sind Modulprüfungen in folgenden Pflichtfächern abzulegen:

1. Entwerfen:	Modul(e) im Umfang von 40 LP
2. Integrales Entwerfen:	Modul(e) im Umfang von 14 LP
3. Bautechnik:	Modul(e) im Umfang von 32 LP
4. Theoretische und historische Grundlagen:	Modul(e) im Umfang von 20 LP
5. Gestalten und Darstellen:	Modul(e) im Umfang von 20 LP
6. Stadt- und Landschaftsplanung:	Modul(e) im Umfang von 20 LP,
7. Vertiefung:	Modul(e) im Umfang von 16 LP
8. : Überfachliche Qualifikationen im Umfang von 6 LP gemäß § 16	

Die Festlegung der zur Auswahl stehenden Module und deren Fachzuordnung werden im Modulhandbuch getroffen.

(3) Die Teilnahme an im Einzelnen festgelegten Exkursionen ist Pflicht (Pflichtexkursionen). Näheres regeln die „Richtlinien zur Durchführung von Exkursionen des Karlsruher Instituts für Technologie (KIT)“ sowie das Modulhandbuch.

§ 21 Bestehen der Bachelorprüfung, Bildung der Gesamtnote

(1) Die Bachelorprüfung ist bestanden, wenn alle in § 20 genannten Modulprüfungen mindestens mit „ausreichend“ bewertet wurden.

(2) Die Gesamtnote der Bachelorprüfung errechnet sich als ein mit Leistungspunkten gewichteter Notendurchschnitt der Fachnoten sowie des Moduls Bachelorarbeit. Dabei werden die Noten der Fächer “Entwerfen“ und „Integrales Entwerfen“ und des Moduls Bachelorarbeit jeweils mit dem doppelten Gewicht der Noten der übrigen Fächer berücksichtigt.

(3) Haben Studierende die Bachelorarbeit mit der Note 1,0 und die Bachelorprüfung mit einem Durchschnitt von 1,2 oder besser abgeschlossen, so wird das Prädikat „mit Auszeichnung“ (with distinction) verliehen.

§ 22 Bachelorzeugnis, Bachelorurkunde, Diploma Supplement und Transcript of Records

(1) Über die Bachelorprüfung werden nach Bewertung der letzten Prüfungsleistung eine Bachelorurkunde und ein Zeugnis erstellt. Die Ausfertigung von Bachelorurkunde und Zeugnis soll nicht später als drei Monate nach Ablegen der letzten Prüfungsleistung erfolgen. Bachelorurkunde und Bachelorzeugnis werden in deutscher und englischer Sprache ausgestellt. Bachelorurkunde und Zeugnis tragen das Datum der erfolgreichen Erbringung der letzten Prüfungsleistung. Diese Dokumente werden den Studierenden zusammen ausgehändigt. In der Bachelorurkunde wird die Verleihung des akademischen Bachelorgrades beurkundet. Die Bachelorurkunde wird von dem Präsidenten und der KIT-Dekanin/ dem KIT-Dekan der KIT-Fakultät unterzeichnet und mit dem Siegel des KIT versehen.

(2) Das Zeugnis enthält die Fach- und Modulnoten sowie die den Modulen und Fächern zugeordnete Leistungspunkte und die Gesamtnote. Sofern gemäß § 7 Abs. 2 Satz 2 eine differenzierte Bewertung einzelner Prüfungsleitungen vorgenommen wurde, wird auf dem Zeugnis auch die

entsprechende Dezimalnote ausgewiesen; § 7 Abs. 4 bleibt unberührt. Das Zeugnis ist von der KIT-Dekanin/ dem KIT-Dekan der KIT-Fakultät und von der/dem Vorsitzenden des Prüfungsausschusses zu unterzeichnen.

(3) Mit dem Zeugnis erhalten die Studierenden ein Diploma Supplement in deutscher und englischer Sprache, das den Vorgaben des jeweils gültigen ECTS Users‘ Guide entspricht, sowie ein Transcript of Records in deutscher und englischer Sprache.

(4) Das Transcript of Records enthält in strukturierter Form alle erbrachten Studien- und Prüfungsleistungen. Dies beinhaltet alle Fächer und Fachnoten samt den zugeordneten Leistungspunkten, die dem jeweiligen Fach zugeordneten Module mit den Modulnoten und zugeordneten Leistungspunkten sowie die den Modulen zugeordneten Erfolgskontrollen samt Noten und zugeordneten Leistungspunkten. Absatz 2 Satz 2 gilt entsprechend. Aus dem Transcript of Records soll die Zugehörigkeit von Lehrveranstaltungen zu den einzelnen Modulen deutlich erkennbar sein. Angerechnete Studien- und Prüfungsleistungen sind im Transcript of Records aufzunehmen. Alle Zusatzleistungen werden im Transcript of Records aufgeführt.

(5) Die Bachelorurkunde, das Bachelorzeugnis und das Diploma Supplement einschließlich des Transcript of Records werden vom Studierendenservice des KIT ausgestellt.

III. Schlussbestimmungen

§ 23 Bescheinigung von Prüfungsleistungen

Haben Studierende die Bachelorprüfung endgültig nicht bestanden, wird ihnen auf Antrag und gegen Vorlage der Exmatrikulationsbescheinigung eine schriftliche Bescheinigung ausgestellt, die die erbrachten Studien- und Prüfungsleistungen und deren Noten enthält und erkennen lässt, dass die Prüfung insgesamt nicht bestanden ist. Dasselbe gilt, wenn der Prüfungsanspruch erloschen ist.

§ 24 Aberkennung des Bachelorgrades

(1) Haben Studierende bei einer Prüfungsleistung getäuscht und wird diese Tatsache nach der Aushändigung des Zeugnisses bekannt, so können die Noten der Modulprüfungen, bei denen getäuscht wurde, berichtigt werden. Gegebenenfalls kann die Modulprüfung für „nicht ausreichend“ (5,0) und die Bachelorprüfung für „nicht bestanden“ erklärt werden.

(2) Waren die Voraussetzungen für die Zulassung zu einer Prüfung nicht erfüllt, ohne dass Studierende darüber täuschen wollte, und wird diese Tatsache erst nach Aushändigung des Zeugnisses bekannt, wird dieser Mangel durch das Bestehen der Prüfung geheilt. Hat die/der Studierende die Zulassung vorsätzlich zu Unrecht erwirkt, so kann die Modulprüfung für „nicht ausreichend“ (5,0) und die Bachelorprüfung für „nicht bestanden“ erklärt werden.

(3) Vor einer Entscheidung des Prüfungsausschusses ist Gelegenheit zur Äußerung zu geben.

(4) Das unrichtige Zeugnis ist zu entziehen und gegebenenfalls ein neues zu erteilen. Mit dem unrichtigen Zeugnis ist auch die Bachelorurkunde einzuziehen, wenn die Bachelorprüfung aufgrund einer Täuschung für „nicht bestanden“ erklärt wurde.

(5) Eine Entscheidung nach Absatz 1 und Absatz 2 Satz 2 ist nach einer Frist von fünf Jahren ab dem Datum des Zeugnisses ausgeschlossen.

(6) Die Aberkennung des akademischen Grades richtet sich nach § 36 Abs. 7 LHG.

§ 25 Einsicht in die Prüfungsakten

(1) Nach Abschluss der Bachelorprüfung wird den Studierenden auf Antrag innerhalb eines Jahres Einsicht in das Prüfungsexemplar ihrer Bachelorarbeit, die darauf bezogenen Gutachten und in die Prüfungsprotokolle gewährt.

(2) Für die Einsichtnahme in die schriftlichen Modulprüfungen, schriftlichen Modulteilprüfungen bzw. Prüfungsprotokolle gilt eine Frist von einem Monat nach Bekanntgabe des Prüfungsergebnisses.

(3) Der/die Prüfende bestimmt Ort und Zeit der Einsichtnahme.

(4) Prüfungsunterlagen sind mindestens fünf Jahre aufzubewahren.

§ 26 Inkrafttreten, Übergangsvorschriften

(1) Diese Studien- und Prüfungsordnung tritt am 01. Oktober 2016 in Kraft und gilt für

1. Studierende, die ihr Studium im Bachelorstudiengang Architektur am KIT im ersten Fachsemester aufnehmen, sowie für

2. Studierende, die ihr Studium im Bachelorstudiengang Architektur am KIT in einem höheren Fachsemester aufnehmen, sofern dieses Fachsemester nicht über dem Fachsemester liegt, das der erste Jahrgang nach Ziff. 1 erreicht hat.

(2) Gleichzeitig wird die Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie (KIT) für den Bachelorstudiengang Architektur vom 03.März 2016 (Amtliche Bekanntmachung des Karlsruher Instituts für Technologie (KIT) Nr. 11 vom 07. März 2016) aufgehoben. Die Studien- und Prüfungsordnung der Universität Karlsruhe (TH) für den Bachelorstudiengang Architektur vom 23. Juli 2009 (Amtliche Bekanntmachung der Universität Karlsruhe (TH) Nr. 64 vom 23. Juli 2009) in der Fassung der Satzung zur Änderung der Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie (KIT) für den Bachelorstudiengang Architektur vom 02. April 2012 (Amtliche Bekanntmachung des KIT Nr. 8 vom 02. April 2012) tritt zeitgleich außer Kraft.

(3) Studierende, die auf Grundlage der Studien- und Prüfungsordnung der Universität Karlsruhe (TH) für den Bachelorstudiengang Architektur vom 23. Juli 2009 (Amtliche Bekanntmachung der Universität Karlsruhe (TH) Nr. 64 vom 23. Juli 2009) in der Fassung der Satzung zur Änderung der Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie (KIT) für den Bachelorstudiengang Architektur vom 02. April 2012 (Amtliche Bekanntmachung des KIT Nr. 8 vom 02. April 2012) ihr Studium am KIT aufgenommen haben, können Prüfungen auf Grundlage dieser Studien- und Prüfungsordnung letztmalig zum Ende des Prüfungszeitraums des Sommersemesters 2020 ablegen.

(4) Studierende, die auf Grundlage der Studien- und Prüfungsordnung der Universität Karlsruhe (TH) für den Bachelorstudiengang Architektur vom 23. Juli 2009 (Amtliche Bekanntmachung der Universität Karlsruhe (TH) Nr. 64 vom 23. Juli2009) in der Fassung der Satzung zur Änderung der Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie (KIT) für den Bachelorstudiengang Architektur vom 02. April 2012 (Amtliche Bekanntmachung des KIT Nr. 8 vom 02. April 2012) ihr Studium am KIT aufgenommen haben, können auf Antrag ihr Studium nach der vorliegenden Studien- und Prüfungsordnung fortsetzen.

Karlsruhe, den 26. Juli 2016

Prof. Dr.-Ing. Holger Hanselka
(Präsident)