Karlsruher Institut für Technologie

Module Handbook
Architecture Bachelor (B.Sc.)

SPO 2016

Summer term 2025

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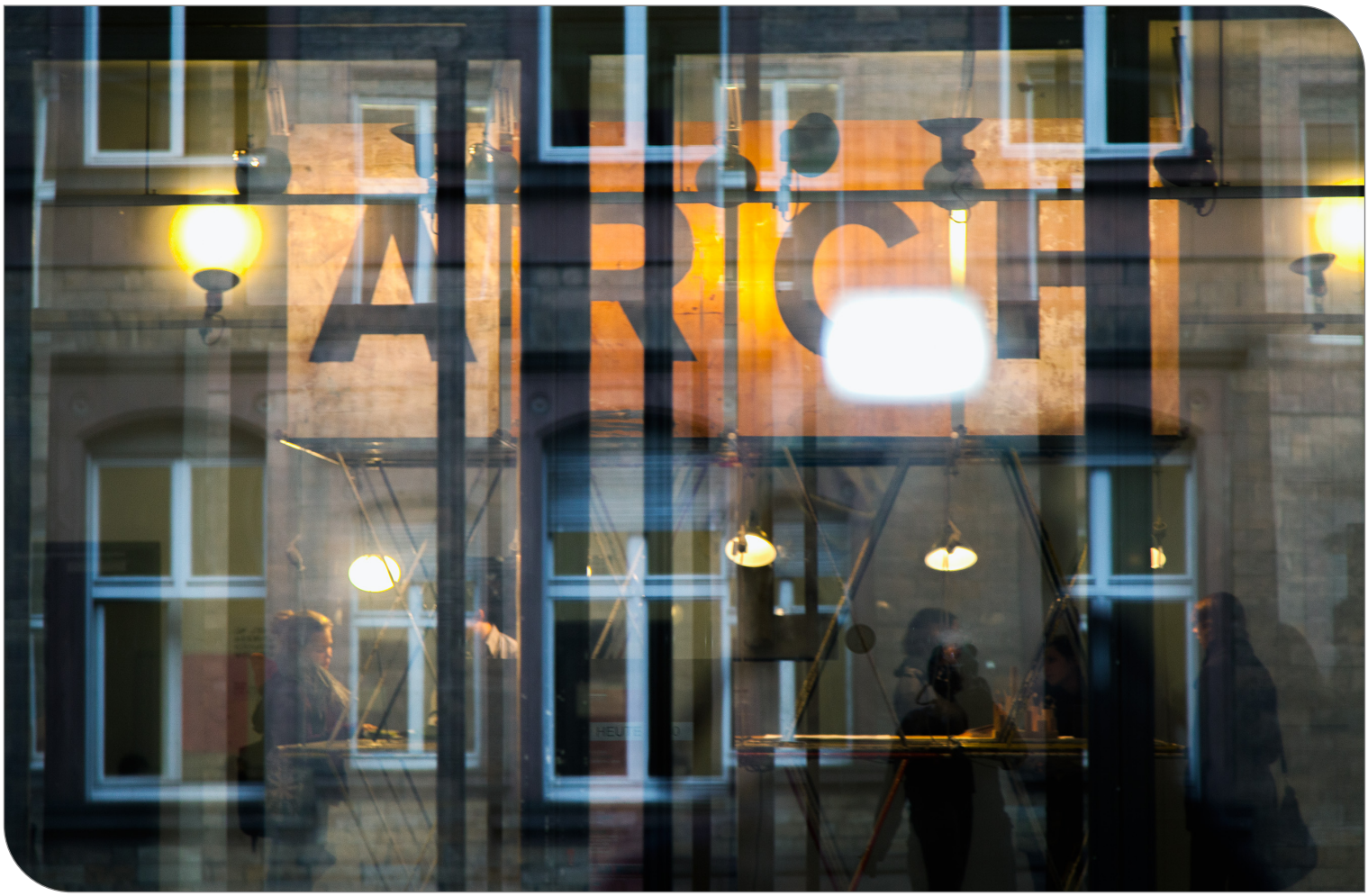
KIT DEPARTMENT OF ARCHITECTURE



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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

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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 Conditions / Prerequisites Field Module title	Module ID	CP Module	Conditions / Prerequisites Module	Module Component ID	Module Component Title	Examination	CP Module Com-ponent	semester assignment					
								1	2	3	4	5	6
								CP	CP	CP	CP	CP	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	
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 *First usage possible until Mar 31, 2025.*	4 CR
M-ARCH-107279	Basics of Structural Design *First usage possible from Apr 01, 2025.*	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-104513	Selected Topics of Structural Design	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-106127	Selected Topics of Structural Analysis	4 CR
M-ARCH-106573	Selected Topics of Accessibility *First usage possible between Oct 01, 2023 and Mar 31, 2025.*	4 CR
M-ARCH-106574	Selected Topics of Comfort and Resilience *First usage possible between Oct 01, 2023 and Mar 31, 2025.*	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 Structural Design [M-ARCH-107279]

Responsible: Prof. Dr.-Ing. Riccardo La Magna
Organisation: KIT Department of Architecture
Part of: Construction Technology (Usage from 4/1/2025)

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

Mandatory			
T-ARCH-114326	Basics of Structural Design	4 CR	La Magna
T-ARCH-114327	Basics of Structural Design – Exercise	0 CR	La Magna

Competence Certificate
Written exam taking 120 minutes.

Requirement for the exam application is having passed the coursework "Basics of Structural Design – Exercise". 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.
- understand the significance of material properties and their influence on the load-bearing behavior of components and structures
- are able to explain basic principles of load transfer and deformation behavior.
- 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 3.11 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 20 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 3.12 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 3.13 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 3.14 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 3.15 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 3.16 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 3.17 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 3.18 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 3.19 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 3.20 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 3.21 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 3.22 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 3.23 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, FORUM or Sprachenzentrum	1 CR	
T-ARCH-107340	Workshop Introduction	1 CR	Gäng, Heil, Jager
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	Gäng, Heil, Jager
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-FORUM-SpZ 1 not graded	2 CR	
T-ARCH-111747	Self Assignment HoC-FORUM-SpZ 2 not graded	2 CR	
T-ARCH-111748	Self Assignment HoC-FORUM-SpZ 3 not graded	2 CR	
T-ARCH-111749	Self Assignment HoC-FORUM-SpZ 4 graded	2 CR	
T-ARCH-111750	Self Assignment HoC-FORUM-SpZ 5 graded	2 CR	
T-ARCH-111751	Self Assignment HoC-FORUM-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 3.24 Module: Law for Architects and Construction Planning Law [M-ARCH-105814]

Responsible: Dr. Holger Fahl
Jens Nottermann
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	Fahl, Nottermann

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 3.25 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 3.26 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 3.27 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 3.28 Module: Selected Topics of Accessibility [M-ARCH-106573]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation) (Usage between 10/1/2023 and 3/31/2025)

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	Wagner

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 3.29 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 3.30 Module: Selected Topics of Art History [M-ARCH-103594]

Responsible: Studiendekan/in Kunstgeschichte
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	Kunstgeschichte

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 3.31 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 3.32 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 3.33 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 3.34 Module: Selected Topics of Building Technology [M-ARCH-103587]

Responsible: TT-Prof. Moritz Dörstelmann
Prof.Dipl.-Ing. Dirk Hebel
TT-Prof. Florian Kaiser
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, Kaiser, 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 3.35 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 3.36 Module: Selected Topics of Comfort and Resilience [M-ARCH-106574]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Modules Specialisation) (Usage between 10/1/2023 and 3/31/2025)

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	Wagner

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 3.37 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 3.38 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 3.39 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 (Usage until 3/31/2025)

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 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 3.50 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 3.51 Module: Studio Material [M-ARCH-103549]

Responsible: Prof. Andrea Klinge
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	Klinge, 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 3.52 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 3.53 Module: Studio Structure [M-ARCH-103548]

Responsible: Prof. Andrea Klinge
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	Klinge, 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 3.54 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	12 CR	Hebel, Inderbitzin, Kaiser

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 3.55 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 3.56 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 3.57 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

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.

Workload
90 hours

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.

Workload
30 hours

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

Workload
120 hours

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 2025	1720802	Integrative Digital Methods	4 SWS	Lecture / Practice (/)	Dörstelmann, Feldmann

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

Workload
120 hours

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

V Integrative Digital Methods

1720802, SS 2025, 4 SWS, Language: English, Open in study portal

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

Content
Basic knowledge from 'Architectural Geometry' is deepened and expanded through integrative digital methods.

During the first half of the semester analogue and digital design strategies will be taught for a synergistical workflow, while the second half will focus on architectural representation methods.

The course will introduce methods that reinforce previously learned content and further develop students' digital skills, such as 3D modelling, renderings, image editing, layouting as well as 3D scanning and 3D printing.

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

First Meeting: Friday, 25.04.2025

Exam: 15.08.2025

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 24/25	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 24/25, 4 SWS, Language: 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 25.10.2024
Final Submission: 07.03.2025

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

Workload
120 hours

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					
WT 24/25	1741311	Art-History: Art & Technology in the America	2 SWS	Lecture / 🗣	Hinterwaldner
WT 24/25	1741312	Art-History: Rembrandt – Early Works	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 Art-History: Art & Technology in the America

1741311, WS 24/25, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
Maurice Tuchman, curator of modern art at the Los Angeles County Museum of Art (LACMA), initiated the "Art and Technology" (A&T) programme in 1966. The aim was to find partners from a wide range of industries who were willing to work together with artists on a project. This resulted in a series of pioneering technical and artistic projects. The lecture sheds light on the beginnings of key developments, ideas and concepts that form the basis for contemporary media art. At the same time, the involvement of the military-industrial complex in this central initiative reveals political dimensions that also continue to have an impact today.

Appointment: Tue 11:30 - 1 pm 20.40 Fritz-Haller-Hörsaal
First Meeting: 22.10.2024
Submission/Exam:

V Art-History: Rembrandt – Early Works

1741312, WS 24/25, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The lecture focusses on Rembrandt's early period, his time in Leiden and the first decade in Amsterdam. It concludes with the "Night Watch", the main work of the early 1640s and the last major commission Rembrandt received for a long time. The early history paintings and portraits are analysed against the background of the artistic and cultural situation in the Netherlands, the economic and social conditions and the religious, intellectual and scientific contexts.

Appointment: Thu 11:30 - 1 pm 20.40 Fritz-Haller-Hörsaal
First Meeting: 24.10.2024
Submission/Exam:

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 24/25	1710363	Artistic and Sculptural Design : Drawing +	4 SWS	Lecture / Practice (/	Craig, Kranz, 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

Workload
120 hours

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

V Artistic and Sculptural Design : Drawing +

1710363, WS 24/25, 4 SWS, Language: German, Open in study portal

Lecture / Practice (VÜ)
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, 22.10.2024, 9:45 AM, 20.40 EE HS, 20.40

Submission/Exam: 21.02.2025

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 2025	1710102	Bachelor's Thesis: Blue Banana 010 (Frohn)	6 SWS	Project (P / 🗣	Frohn, Gazzillo, Gernay, Mori
ST 2025	1710201	Bachelor's Thesis: Borderline(s) Investigations #01 Inhabiting the Unusual – HOW TO LIVE? (Bru)	6 SWS	Project (P / 🗣	N.N., Kunkel, Zaparta, Amon, Schneider
ST 2025	1710301	Bachelor's Thesis: The Public Library : Beyond the Quiet Reading Room (Hartmann)	6 SWS	Project (P / 🗣	Hartmann, Coricelli, Kadid, Vansteenkiste, Zucchello
ST 2025	1720507	Case Study Center for Modular Construction USM Areal in Münsingen CH (Wappner)	6 SWS	Project (P / 🗣	Wappner, Hörmann, Wang, Kochhan, Calavetta, Bessai, Sadi

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

Workload
360 hours

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

V **Bachelor's Thesis: Blue Banana 010 (Frohn)** **Project (PRO) On-Site**
1710102, SS 2025, 6 SWS, Language: German/English, Open in study portal

Content
The new series Studio Raum II beginning this semester focuses on the region of the Blue Banana, Europe's economic backbone. Once the core of industrialisation, production and trade, the region along the Rhine struggles to keep its central role in Europe, while looking for new forms of value creation ("Wertschöpfung") - economical, social and physical. The geographical, historical and infrastructural context of the Blue Banana provides the framework to the Studio.

In the first studio of the series, the Studio focuses on the city of Rotterdam, Europe's largest port and delta of the Rhine. After being destroyed during the Second Word War, Rotterdam has since been sculpted and transformed under the motto "first the port, then the city", experiencing a progressive growth that more and more intensified the conflict between the spatial logic of the port and that of the city. As the port itself changes and becomes more and more automated, it leaves behind vast areas of land. While housing demand is putting pressure on the unused port areas, there are movements to establish new forms of production in those areas.

The Studio considers the current shift in the development of the city of Rotterdam and takes on the challenge of re-inhabiting a vacant port area, combining production and living facilities.

Regular Meetings: Wed-Thu, 2:00-6:00 pm, Bldg. 20.40

First Meeting: 03.04.2025, Studio Bldg. 20.40

Pin-Up: 07.05.2025, 28.05.2025

Mandatory Excursion: Rotterdam
Submission/Presentation: 03.07.2025 / 09.07.2025

V **Bachelor's Thesis: Borderline(s) Investigations #01 Inhabiting the Unusual – HOW TO LIVE? (Bru)** **Project (PRO) On-Site**
1710201, SS 2025, 6 SWS, Language: German/English, Open in study portal

Content
Borderline(s) Investigations #01
- Inhabiting the Unusual -

HOW TO LIVE?

Is there a simple answer to the questions "How we want to live?" or is it an impossible undertaking to explore this question? Living spaces are formed and adapted by needs, habits and individual ways of living, but also by norms and standards which we would like to question with you. Despite all these regulations and constant desires to define every aspect of habitation, our cities seem to be disorganized and within this resilience there is a certain potential to challenge the current status quo and blurring the frontiers of contemporary housing. Can we learn from the construct of the city and transfer this seemingly resilience into our homes?
We want to discuss those imposed standards for inside the house, the family, and the human body itself. Maybe by framing new conditions, our domestic life, and the way we using space has the potential to develop into something extraordinary. To add density in a proactive way, pushing the limits and inhabiting the unusual.

Introduction: 02.04.2025
First meeting: Thu 03.04.2025, Bldg. 20.40, R113 seminar room GBL, time TBA
Field Trip: Thu 01.05. – Sat 03.05.2025 (Paris)
Submission of plans/models/video: Thu 03.07.2025 until 12 p.m.
Final presentation: Mon 07.07.2025 and Tue 08.07.2025
Event format: On-Site
Form: Individual work
Language: English

V **Bachelor's Thesis: The Public Library : Beyond the Quiet Reading Room (Hartmann)** **Project (PRO) On-Site**
1710301, SS 2025, 6 SWS, Language: German/English, Open in study portal

Content
The library may be the last truly public interior—one where visitors are free from the constraints of commercial viability, exclusive membership, or even a predetermined purpose for being there.

Even as the consumption of information has shifted from physical to digital media, the reading room has retained its relevance as a public interior. The reading room, different from a museum, shopping mall, airport, or church, offers a unique kind of public interior. Today's reading rooms have evolved from the grand monumental halls of the past, often becoming more ambiguous, porous, and polyvalent spaces. They provide a gradient of spatial conditions, mediating between the urban exterior and the quiet reading desk.

What defines the spaces of public libraries today? The Bachelorarbeit "Soundscape" will explore the architectural potential of spaces designed for being alone whilst sharing a space with many others. Acoustical diversity will be key to accommodating a multiplicity of public uses, examining how distinct spaces emerge within a broader soundscape—ranging from complete silence to ambient noise. We will explore the diverse spaces this public interior can accommodate, emphasizing its architectural qualities and connection to an evolving urban landscape.

We will focus on the Dreispitz area at the urban edge of Basel. The area was developed since the early 20th century as a 'Zollfreilager', characterized by material storage depots and light manufacturing, organized in linear plots interspersed by railway lines. Recent introductions of academic and cultural institutions such as the art and design schools and multiple museums are catalyzing the transformation of the area, as well as current and future housing developments.

This context, where cultural production, academia and the depot exist side by side is a fertile environment to explore the topic at hand. The area is already home to multiple institutions housing specialized 'collections' such as the Schaulager Laurenz Foundation, the HEK, the Bauteilbörse or the Herzog & de Meuron Kabinett.

Appointments: weekly Wednesday/Thursday, 14 - 18h

First Meeting: 03.04.2025, 2:00 PM R204

Excursion: Basel, 25.04.-27.04.2025

Final Presentation: 09.07.2025

Hand-in: 03.07.2025 until 12:00 Uhr (noon), R221

Form: Individual work

V

Case Study Center for Modular Construction USM Areal in Münsingen CH (Wappner)

Project (PRO)
On-Site

1720507, SS 2025, 6 SWS, Language: German/English, Open in study portal

Content
Architecture faces the challenge of becoming more resource-efficient, flexible and effective-serial and modular construction methods offer sustainable solutions with reusable elements and adaptable structures. The modular architecture systems of Fritz Haller and his iconic furniture designs demonstrate the potential of intelligent constructions that remain relevant to this day. His ideas illustrate how scalable and expandable systems can have a lasting impact on architecture.

Right next to USM's headquarters in Münsingen, a research center is set to be built, aiming to advance the development of modular construction, serve as an example of innovative modular design, and form the new entrance to the district. Changing residency programs will foster interdisciplinary exchange between researchers, architects, and industry professionals. Research findings will not only be used internally but will also be made accessible to the public. In addition to research and workspaces, a museum-like area will be created to offer an immersive experience of the development of modular systems.

A study trip to Switzerland will mark the beginning of an in-depth exploration of materials and the structural specifics of modular systems.

Regular date: Thu 2 - 6 pm

First Meeting:03.04.2025, Bldg. 20.40, Bauko R240, 9:30 Uhr
Pin-Up 1:08.05.2025

Pin-Up 2: 05.06.2025
(Excursion:Fri 25.04.25 bis Sun 27.04.25, Bern)
Submission/Presentation:09.07.2025 & 10.07.2025

Form of work: individual work

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 24/25	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

Workload
60 hours

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 24/25, 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: 17.-19.02.2025

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

Responsible: Bastian Gäng
Andreas Heil
Philipp Jager

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

Modeled Conditions
The following conditions have to be fulfilled:

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

Workload
120 hours

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 2025	1720501	Building Construction	4 SWS	Lecture / Practice (/ 🗣	Wappner, Schneemann, Klinge, Hörmann, Michalski, Calavetta, Weber, 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

Workload
120 hours

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

V Building Construction

1720501, SS 2025, 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 24/25	1710103	Basics of Design Theory (Exercise)	1 SWS	Practice / 🗣	Frohn, Gazzillo, Gernay, Mori, Wasel
WT 24/25	1710302	Architectural Thinking (Lecture)	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

Workload
120 hours

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

V Basics of Design Theory (Exercise)

1710103, WS 24/25, 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 23.10.2023, 11:30 - 13:00 / 20.40 Fritz-Haller Hörsaal (HS37)

Submission/Exam: 15.01.25 - 22.01.25 - 29.01.25

V Architectural Thinking (Lecture)

1710302, WS 24/25, 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 projects 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: 30..10.2024, 11:30 AM – 1:00 PM, 20.40. Fritz-Haller-Hörsaal (HS37)
Exam: 19.02.2025

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 2025	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

Workload
60 hours

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

V Sected Topics of Building Physics: Fire Protection

1720961, SS 2025, 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.. 05.04.2025, 09:45 AM

Submission/Exam: 08.08.2025

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 24/25	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

Workload
60 hours

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

V Selected Topics of Building Physics: Basics of Lighting Technology

1720960, WS 24/25, 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: 28.10.2024, 11:30 AM - 15:30 PM

Submission/Exam: 03.03.2025,

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 2025	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

Workload
60 hours

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

V Sected Topics of Building Physics: Energy Efficient Buildings

1720962, SS 2025, 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. 14:00 - 15:30 AM R240 Bauko

First meeting: Tues. 22.04.2025 14:00 AM

Submission/Exam: 11.08.2025/12.08.2025

Number of Participants: 10

T 4.18 Course: Basics of Structural Design [T-ARCH-114326]

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

Part of: M-ARCH-107279 - Basics of Structural Design

Type	Credits	Grading scale	Recurrence	Version
Written examination	4	Grade to a third	Each summer term	1

Competence Certificate
Written exam taking 120 minutes.

Prerequisites
Requirement for the exam application is having passed the coursework "Basics of Structural Design – Exercise". 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-114327 - Basics of Structural Design – Exercise must have been passed.

Workload
120 hours

T 4.19 Course: Basics of Structural Design – Exercise [T-ARCH-114327]

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

Part of: M-ARCH-107279 - Basics of Structural Design

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	0	pass/fail	Each summer term	1

Competence Certificate
Completed Coursework made up of several semester-accompanying tutorials that are directly related to the lecture contents.

Prerequisites
none

T 4.20 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 24/25	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

Workload
60 hours

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

V Selected Topics of Building Physics: Basics Sound Insulation

1720961, WS 24/25, 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, 25.10.2024, 11:30 AM - 01:00 PM, HS. 9

Submissio/Exam: 07.03.2025,

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 4.21 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					
WT 24/25	6072203	Basis Course Photogrammetry	3 SWS	Lecture / Practice (/)	Weidner
ST 2025	6072203	Basis Course Photogrammetry	4 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, WS 24/25, 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

V Basis Course Photogrammetry

6072203, SS 2025, 4 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

1st meeting: Fri, 25.04.2025

Number of participants: 10 Master,10 Bachelor

T 4.22 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 24/25	1720501	Building Construction (Lecture)	2 SWS	Lecture / 🗣	Wappner, Schneemann
WT 24/25	1720502	Building Construction (Exercise)	2 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

Workload
120 hours

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

V Building Construction (Lecture)

1720501, WS 24/25, 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.

T 4.23 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 24/25	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

Workload
120 hours

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

V Building Material Science

1720603, WS 24/25, 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 4.24 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 2025	1720952	Building Physics	2 SWS	Practice / 🗣	Wagner, Mann, Kaul
ST 2025	1720953	Building Physics	2 SWS	Lecture / 🗣	Wagner, 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

Workload
120 hours

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

V Building Physics

1720952, SS 2025, 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. 05.05.2025 09:45 AM

V Building Physics

1720953, SS 2025, 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. 28.04.2025, 09:45 AM

Submission/Exam: 13.08.2025/14.08.2025

Literature
Literaturhinweise werden in der Veranstaltung bekanntgegeben.

T 4.25 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 24/25	1720951	Building Services (Lecture)	2 SWS	Lecture / 🗣	Wagner
WT 24/25	1720952	Building Services (Exercise)	2 SWS	Practice / 🗣	Wagner, 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 Services (Lecture)

1720951, WS 24/25, 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: 24./25.02.2025

V Building Services (Exercise)

1720952, WS 24/25, 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, 28.10.2024, 09:45 AM

T 4.26 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 2025	1741356	Building Survey: Building Survey and Calibration	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: Building Survey and Calibration

1741356, SS 2025, 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 2024 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 groups of four, in which they organize themselves.

Submission /Exam: 18.07.2025

T 4.27 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 24/25	1741374	Selected Areas of Building Documentation: Point Cloud and what Next? Contemporary Methods of Inventory Recording	2 SWS	Practice / 🗣	Busse, Garrido, Juretzko

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

Workload
120 hours

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

V Selected Areas of Building Documentation: Point Cloud and what Next? Contemporary Methods of Inventory Recording

Practice (Ü) On-Site

1741374, WS 24/25, 2 SWS, Language: German, Open in study portal

Content
The building turnaround challenges us to stop constructing new buildings and realise the potential of existing buildings instead. This faces architects with major challenges: How can we assess what a historic building can achieve? Which information do we need? Where can we find it? How do we organise the planning material? How do we recognise damage and which restoration measures are appropriate?

In the seminar, we will try methods of contemporary inventory recording (from Disto to 3D scanning, from hand sketches to point clouds) and apply them on a historical building as part of a workshop lasting several days. Excursions and guest lectures will provide an insight and overview of the current state of the art technology available today for recording existing buildings.

Mandatory excursion 22.11. and 13.12. to Stuttgart and on 06.12. and 07.02. to Untersteinbach.

Examination/submission: Analysis/drawings and presentation of a topic. Multi-part term paper and compilation of key questions for discussion in the seminar.

Number of participants: 5

T 4.28 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 2025	1710450	Introduction to the Communication of Architecture	2 SWS	Lecture / 🗣	Rambow
ST 2025	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.

Workload
120 hours

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

V Introduction to the Communication of Architecture

1710450, SS 2025, 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".

Date of Exam: Thursday, 14.08.2025

V Scientific Methods for Architecture

1710451, SS 2025, 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 epistemology 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".

Date of Exam: 14.08.2025

T 4.29 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 24/25	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 24/25, 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 4.30 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 2025	1731067	Design in Studio Context: Karlsruhe's Cutting Edge: Transformation and City Renewal in Knielingen (Neppl)	5 SWS	Project (P / 🗣	Neppl, Hetey, Krüger
ST 2025	1731152	Design in Studio Context: Karlsruhe's Cutting Edge: Transformation and City Renewal in Knielingen (Engel)	5 SWS	Project (P / 🗣	Engel, Staab, Lev
ST 2025	1731201	Design in Studio Context: Karlsruhe's Cutting Edge: Transformation and City Renewal in Knielingen	5 SWS	Project (P / 🗣	Schifferli, Romero Carnicero, Mühlbauer

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.

Workload
300 hours

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

V Design in Studio Context: Karlsruhe's Cutting Edge: Transformation and City Renewal in Knielingen (Neppl)

Project (PRO)
On-Site

1731067, SS 2025, 5 SWS, Language: German, Open in study portal

Content
Urban development in the 21st century must address new conditions. Climate change and the energy crisis compel us to reconsider mobility and resource consumption. To meet the growing demand for affordable residential and commercial spaces, existing neighborhoods must be expanded and further developed both spatially and functionally. The city of Karlsruhe established goals for its future development in the “Spatial Agenda” created in 2015. This includes, among other things, the enhancement of existing neighborhoods and open spaces, the development of new areas with social and ecological responsibility, and much more.

Against this background, we will work in this studio to develop urban concepts with sustainable and innovative design approaches for two locations near the Siemens area in Karlsruhe. The aim is to create mixed neighborhoods that fit spatially, functionally, and socially into the context and create a variety of uses and urban density. What existing qualities can be used as a starting point for further development? How can the areas be responsibly converted, reused, and densified? Which options for overlapping and mixing uses are conceivable and sensible? What is needed are proposals with new programmatic and typological perspectives suitable for supporting the sustainable transformation of the city of Karlsruhe.

Appointment: Wed 2:00 pm–5:15 pm, Bldg. 11.40

First Meeting: 23.04.2025, 2:00 pm, task discussion and inspection of design area

Excursion: 30.04.2025, Karlsruhe

Pin-up: 20.05.2025 and 25.06.2025

Presentation: 31.07.2025

V **Design in Studio Context: Karlsruhe’s Cutting Edge: Transformation and City Renewal in Knielingen (Engel)** **Project (PRO) On-Site**
1731152, SS 2025, 5 SWS, Language: German/English, Open in study portal

Content
Urban development in the 21st century must address new conditions. Climate change and the energy crisis compel us to reconsider mobility and resource consumption. To meet the growing demand for affordable residential and commercial spaces, existing neighborhoods must be expanded and further developed both spatially and functionally. The city of Karlsruhe established goals for its future development in the “Spatial Agenda” created in 2015. This includes, among other things, the enhancement of existing neighborhoods and open spaces, the development of new areas with social and ecological responsibility, and much more.

Against this background, we will work in this studio to develop urban concepts with sustainable and innovative design approaches for two locations near the Siemens area in Karlsruhe. The aim is to create mixed neighborhoods that fit spatially, functionally, and socially into the context and create a variety of uses and urban density. What existing qualities can be used as a starting point for further development? How can the areas be responsibly converted, reused, and densified? Which options for overlapping and mixing uses are conceivable and sensible? What is needed are proposals with new programmatic and typological perspectives suitable for supporting the sustainable transformation of the city of Karlsruhe.

Appointment: Mon – Fri, 02:00 – 05:15 pm

First Meeting: Tue 22.04.2025, 02:00 pm

Excursion: Wed 23.04.2025, Inspection of the Design Area (in Karlsruhe)
Wed 30.04.2025, Day Exkursion

Pin-Up: Tue 20.05.2025 and Tue 24.06.2025, 2:00 pm

Presentation: Thu 31.07.2025

form: group of 4 students

V **Design in Studio Context: Karlsruhe’s Cutting Edge: Transformation and City Renewal in Knielingen** **Project (PRO) On-Site**
1731201, SS 2025, 5 SWS, Language: German/English, Open in study portal

Content

Urban development in the 21st century must address new conditions. Climate change and the energy crisis compel us to reconsider mobility and resource consumption. To meet the growing demand for affordable residential and commercial spaces, existing neighborhoods must be expanded and further developed both spatially and functionally. The city of Karlsruhe established goals for its future development in the “Spatial Agenda” created in 2015. This includes, among other things, the enhancement of existing neighborhoods and open spaces, the development of new areas with social and ecological responsibility, and much more.

Against this background, we will work in this studio to develop urban concepts with sustainable and innovative design approaches for two locations near the Siemens area in Karlsruhe. The aim is to create mixed neighborhoods that fit spatially, functionally, and socially into the context and create a variety of uses and urban density. What existing qualities can be used as a starting point for further development? How can the areas be responsibly converted, reused, and densified? Which options for overlapping and mixing uses are conceivable and sensible? What is needed are proposals with new programmatic and typological perspectives suitable for supporting the sustainable transformation of the city of Karlsruhe.

Appointment: 2:00 pm – 5:15 pm, Bldg. 11.40, R127

First Meeting: 23.04.2025, 2:00 pm, Bldg. 11.40, R127

Excursion: We 23.04.2025, Inspection of the design area (in Karlsruhe) Wed 24.04.2025 2:00pm, day excursion

Pin-Up: 20.05.2024 and 24.06.2025

Submission/Presentation: 31.07.2025

Form: Groups of 4

T 4.31 Course: Design in Studio Material [T-ARCH-109960]

Responsible: Prof. Andrea Klinge
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 24/25	1720520	Design in Studio Material Schneemann: Maison De La Culture	8 SWS	Project (P / 🗣	Schneemann, Huismans, Hörmann, Tusinean, Stadler, Chang
WT 24/25	1720521	Design in Studio Material Klinge: Maison De La Culture	8 SWS	Project (P / 🗣	Klinge, Michalski, Weber
WT 24/25	1720522	Design in Studio Material Wappner: Maison De La Culture	8 SWS	Project (P / 🗣	Wappner, Kochhan, Calavetta, Häberle

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

Workload
300 hours

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

V Design in Studio Material Schneemann: Maison De La Culture

Project (PRO)
On-Site

1720520, WS 24/25, 8 SWS, Language: German/English, Open in study portal

Content

Large, wide-open spaces are an experience. Each of us carries within us moods and impressions of such spaces. Of concert halls and theaters, of train station and airport concourses and especially of sacred spaces of various faiths. They impress with their dimensions, light and acoustics and develop their very own atmospheres according to their purpose. Space, structure and materiality have a special connection here. This is what we want to explore this semester.

Kaiserplatz at the western end of Karlsruhe's city center in the immediate vicinity of Mühlburger Tor is a striking urban space. Due to the challenging traffic routing with the streetcar, the geometrically demanding meeting of 4 streets at one point and the Kaiser Wilhelm monument in the middle, it often poses a challenge for all road users.

In this urban context, a house of culture with a large meeting and event space is to be created. This should be readable and usable as a place of silence and contemplation as well as a place of assembly and celebration. It is intended as an interdenominational building for all, which can offer a humanistic framework for personal contemplation and large celebrations beyond religious aspects. The aim is to create an urban building block for understanding and cultural exchange that has not yet existed in the city.

Presentation: 16.10.24

Interim review 1: 27.11.24

Interim review 2: 15.01.25

Magic Week: 03.02.-07.02.25

Plan submission: 10.02.25

Final critique: 12.02.25

V **Design in Studio Material Klinge: Maison De La Culture** **Project (PRO)**
1720521, WS 24/25, 8 SWS, Language: German/English, Open in study portal **On-Site**

Content

Large, wide-open spaces are an experience. Each of us carries within us moods and impressions of such spaces. Of concert halls and theaters, of train station and airport concourses and especially of sacred spaces of various faiths. They impress with their dimensions, light and acoustics and develop their very own atmospheres according to their purpose. Space, structure and materiality have a special connection here. This is what we want to explore this semester.

Kaiserplatz at the western end of Karlsruhe's city center in the immediate vicinity of Mühlburger Tor is a striking urban space. Due to the challenging traffic routing with the streetcar, the geometrically demanding meeting of 4 streets at one point and the Kaiser Wilhelm monument in the middle, it often poses a challenge for all road users.

In this urban context, a house of culture with a large meeting and event space is to be created. This should be readable and usable as a place of silence and contemplation as well as a place of assembly and celebration. It is intended as an interdenominational building for all, which can offer a humanistic framework for personal contemplation and large celebrations beyond religious aspects. The aim is to create an urban building block for understanding and cultural exchange that has not yet existed in the city.

Presentation: 16.10.24

Interim review 1: 27.11.24

Interim review 2: 15.01.25

Magic Week: 03.02.-07.02.25

Plan submission: 10.02.25

Final critique: 12.02.25

V **Design in Studio Material Wappner: Maison De La Culture** **Project (PRO)**
1720522, WS 24/25, 8 SWS, Language: German/English, Open in study portal **On-Site**

Content

Large, wide-open spaces are an experience. Each of us carries within us moods and impressions of such spaces. Of concert halls and theaters, of train station and airport concourses and especially of sacred spaces of various faiths. They impress with their dimensions, light and acoustics and develop their very own atmospheres according to their purpose. Space, structure and materiality have a special connection here. This is what we want to explore this semester.

Kaiserplatz at the western end of Karlsruhe's city center in the immediate vicinity of Mühlburger Tor is a striking urban space. Due to the challenging traffic routing with the streetcar, the geometrically demanding meeting of 4 streets at one point and the Kaiser Wilhelm monument in the middle, it often poses a challenge for all road users.

In this urban context, a house of culture with a large meeting and event space is to be created. This should be readable and usable as a place of silence and contemplation as well as a place of assembly and celebration. It is intended as an interdenominational building for all, which can offer a humanistic framework for personal contemplation and large celebrations beyond religious aspects. The aim is to create an urban building block for understanding and cultural exchange that has not yet existed in the city.

Presentation: 16.10.24

Interim review 1: 27.11.24

Interim review 2: 15.01.25

Magic Week: 03.02.-07.02.25

Plan submission: 10.02.25

Final critique: 12.02.25

T 4.32 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 24/25	1710101	Design in Studio Space (Frohn)	8 SWS	Project (P / 🗣	Frohn, Gazzillo, Gernay, Mori
WT 24/25	1710201	Design in Studio Space Morger	8 SWS	Project (P	Morger, Kunkel, Zaparta, Schneider, Amon
WT 24/25	1710301	Design in Studio Space Hartmann: SOFT SPACE - Trinkhalle in Strasbourg	8 SWS	Project (P / 🗣	Hartmann, Coricelli, Kadid, Vansteenkiste, Zucchello

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

Workload
300 hours

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

V Design in Studio Space (Frohn)

1710101, WS 24/25, 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.

with mandatory excursion

Appointment: Mo-Fri, 02:00 PM–05:30 PM, R127 (Building 11.40)

First meeting: Fri, 18.10.24, 02:00 PM, R127 (Building 11.40)

Excursion: 01. – 03.11.24

Submission/Exam: Wed, 12.02.25

V Design in Studio Space Morger

1710201, WS 24/25, 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: 23.10.2024 02:00 pm, 20.40 R113, FG GBL

Excursion: 13.12. - 15.12.2024

Submission/Exam: 13.02.2025

V **Design in Studio Space Hartmann: SOFT SPACE - Trinkhalle in Strasbourg** **Project (PRO)**
1710301, WS 24/25, 8 SWS, Language: German/English, Open in study portal **On-Site**

Content
At Bauplanung und Entwerfen we embrace the complexity of reality as a starting point for architecture. Every project is a crossing point between all of the cultures, geometries, and languages that are interwoven in the urban fabric of a city.

Your first design task will be located in Strasbourg and it will address the role of architecture as mediator between public and domestic space. Strasbourg is an exceptional case of the condensed palimpsest formed by historic cities with frequent changes of power. On top of that, an important machinery of international representation has developed with the growth of the Institutions of the European Union. The Rhine meanders through the city, creating a complex network of canals and basins that shape the city's fabric and present challenging topographies for transformation.

How can one imagine a background to collective life that respects and understands the changing of the seasons and an intelligent use of limited resources? The goal of your projects will be to develop collective-purpose-architectures by interacting with the numerous sections of Strasbourg's water system.

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:

- Field Trip to Strasbourg and on site work
- 'Toolbox': students learn and practice various architectural representations.
- Moderated group discussions
- Intermediate critiques: students present and discuss their work before their colleagues and teachers.
- Final critique: students present and discuss their project before their colleagues, teachers, and a panel of external guests.

Regular dates: Monday to Friday 02:00 PM - 05:30 PM , Geb. 11.40 Studio 027

First meeting: Wed 23.10.2024, in Strasbourg (details will be communicated beforehand)

Excursion: 01.11.-03.11.2024 / Strasbourg

Final presentation: 12.02. / 13.02.2025

Form of work: Individual & group work

Language: German/English

T 4.33 Course: Design in Studio Structure [T-ARCH-109959]

Responsible: Prof. Andrea Klinge
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 2025	1720510	Design in Studio Structure: „SAAI – Archive for Architecture and Engineering in Karlsruhe - SAAI Areal in Karlsruhe“ (Schneemann)	8 SWS	Project (P / 🗣	Schneemann, Hörmann, Chang, Stadler, Tusinean
ST 2025	1720511	Design in Studio Structure: „Entwurf in Studio Gefüge: „SAAI – Archive for Architecture and Engineering in Karlsruhe - SAAI Areal in Karlsruhe" (Klinge)	8 SWS	Project (P / 🗣	Klinge, Michalski, Weber, Schmidt, Zielbauer
ST 2025	1720512	Design in Studio Structure: „SAAI – Archive for Architecture and Engineering in Karlsruhe - SAAI Areal in Karlsruhe" (Wappner)	8 SWS	Project (P / 🗣	Wappner, Kochhan, Calavetta, Sadi, Bessai

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.

Workload
300 hours

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

V Design in Studio Structure: „SAAI – Archive for Architecture and Engineering in Karlsruhe - SAAI Areal in Karlsruhe“ (Schneemann) — **Project (PRO) On-Site**
1720510, SS 2025, 8 SWS, Language: German/English, Open in study portal

Content
The "Fundamentals of Building Construction" in the studio structure impart basic knowledge about materialization and detailing in the design and construction of architecture. This involves technical-constructive principles and conditions as well as an understanding of construction in an architectural-conceptual context. The key to the essence and design of a building can only be found in the synthesis of functional and technical necessity and creative will. In the studio, the specific properties of solid and filigree constructions are examined in two design tasks.

Regular dates: Mon-Fri, 14:00 - 18:00

1st meeting:Wed, 16.04.25, 11:00 a.m.

Intermediate critique E1: Wed, 14.05.25, from 09:00 a.m.

Final presentation E1:Wed., 04.06.25, from 09:00 a.m.

Intermediate critique E2: Wed., 02.07.25, from 09:00 a.m.

Final presentation E2: Wed., 30.07.25, from 09:00 a.m.

V **Design in Studio Structure: „Entwurf in Studio Gefüge: „SAAI – Archive for Architecture and Engineering in Karlsruhe - SAAI Areal in Karlsruhe" (Klinge)** **Project (PRO) On-Site**
1720511, SS 2025, 8 SWS, Language: German/English, Open in study portal

Content
The "Fundamentals of Building Construction" in Studio Gefüge impart basic knowledge of materialization and detailing in the design and construction of architecture. This involves technical-constructive principles and conditions as well as an understanding of construction in an architectural-conceptual context. The key to the essence and design of a building can only be found in the synthesis of functional and technical necessity and creative will. In the studio, the specific properties of solid and filigree constructions are examined in two design tasks.

Regular dates: Mon-Fri, 14:00 - 18:00

1st meeting:Wed, 16.04.25, 11:00 a.m.

Intermediate critique E1: Wed, 14.05.25, from 09:00 a.m.

Final presentation E1:Wed., 04.06.25, from 09:00 a.m.

Intermediate critique E2: Wed., 02.07.25, from 09:00 a.m.

Final presentation E2: Wed., 30.07.25, from 09:00 a.m.

V **Design in Studio Structure: „SAAI – Archive for Architecture and Engineering in Karlsruhe - SAAI Areal in Karlsruhe" (Wappner)** **Project (PRO) On-Site**
1720512, SS 2025, 8 SWS, Language: German/English, Open in study portal

Content
The "Fundamentals of Building Construction" in Studio Gefüge impart basic knowledge of materialization and detailing in the design and construction of architecture. This involves technical-constructive principles and conditions as well as an understanding of construction in an architectural-conceptual context. The key to the essence and design of a building can only be found in the synthesis of functional and technical necessity and creative will. In the studio, the specific properties of solid and filigree constructions are examined in two design tasks.

Regular dates: Mon-Fri, 14:00 - 18:00

1st meeting:Wed, 16.04.25, 11:00 a.m.

Intermediate critique E1: Wed, 14.05.25, from 09:00 a.m.

Final presentation E1:Wed., 04.06.25, from 09:00 a.m.

Intermediate critique E2: Wed., 02.07.25, from 09:00 a.m.

Final presentation E2: Wed., 30.07.25, from 09:00 a.m.

T 4.34 Course: Design in Studio System [T-ARCH-109962]

Responsible: Prof.Dipl.-Ing. Dirk Hebel
Prof. Christian Inderbitzin
TT-Prof. Florian Kaiser

Organisation: KIT Department of Architecture

Part of: M-ARCH-103551 - Studio System

Type	Credits	Grading scale	Recurrence	Expansion	Version
Examination of another type	12	Grade to a third	Each winter term	1 terms	2

Events					
WT 24/25	1720611	Studio System: NETTO + Living - Living on the food market in Kaiserslautern (Hebel)	8 SWS	Project (P / 🗣	Hebel, Yi, Hirt
WT 24/25	1720651	Studio System: NETTO + Living - Living on the food market in Kaiserslautern (Kaiser)	8 SWS	Project (P / 🗣	Kaiser
WT 24/25	1731251	Studio System: Dreams Are My Reality (Inderbitzin/Trachsler)	8 SWS	Project (P / 🗣	Trachsler, Inderbitzin, Schork, von Zepelin, Zickert, Nalbach

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 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. Duration of the presentation about 20 minutes per project.

Prerequisites
none

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

V Studio System: NETTO + Living - Living on the food market in Kaiserslautern (Hebel)

Project (PRO)
On-Site

1720611, WS 24/25, 8 SWS, Language: German, Open in study portal

Content
How do people want to live together today and tomorrow? What are the prerequisites for good neighbourliness in an urban context? How can contemporary living models be reflected in residential buildings? How can a market promote cohesion and identity in a neighbourhood

While modernism proclaimed a separation of work and living, today innovative housing construction must develop offers for increasingly differentiated lifestyles. The focus of the task is therefore a forward-looking residential housing project that will be constructed in conjunction with commercial use on the ground floor on a plot in a heterogeneous neighbourhood in Kaiserslautern. The architectural designs should take into account the housing needs of people in the city as well as the respectful treatment of the surrounding context, resources and environment. The aim is to make design decisions for housing and the market comprehensible on the basis of successful reference projects, which will be analysed during the semester. For example, the design-integrated examination of housing requirements in the city of Kaiserslautern, different forms of human coexistence, contemporary housing developments, innovative concepts for food markets, circular construction methods and materials, resulting environmental impacts, building economics, structural engineering and building physics issues as well as the requirements of stakeholders and the needs of different users contribute to this.

The task is a mixed-use project consisting of residential and a food market in Kaiserslautern, which is currently being supervised by the Regensburg-based company RATISBONA Handelsimmobilien, a leading project developer in the German and international retail sector, and the architectural firm KURIARCHITEKTEN and will be further developed as a real project following the semester.

Supervision: Fanny Hirt, Han Jun Yi
When? Wednesdays and Thursdays in the Studio

First Meeting: 23.10.2024, 2.00 pm (Bldg. 11.40, R 027)

Pin-Up: 11.12.2024
Excursion: 04.11.2024, Kaiserslautern
Submission: 18.02.2025
Presentation: 20.02.2025

V

Studio System: NETTO + Living - Living on the food market in Kaiserslautern (Kaiser)

1720651, WS 24/25, 8 SWS, Language: German, Open in study portal

Project (PRO)
On-Site

Content
How do people want to live together today and tomorrow? What are the prerequisites for good neighbourliness in an urban context? How can contemporary living models be reflected in residential buildings? How can a market promote cohesion and identity in a neighbourhood

While modernism proclaimed a separation of work and living, today innovative housing construction must develop offers for increasingly differentiated lifestyles. The focus of the task is therefore a forward-looking residential housing project that will be constructed in conjunction with commercial use on the ground floor on a plot in a heterogeneous neighbourhood in Kaiserslautern. The architectural designs should take into account the housing needs of people in the city as well as the respectful treatment of the surrounding context, resources and environment. The aim is to make design decisions for housing and the market comprehensible on the basis of successful reference projects, which will be analysed during the semester. For example, the design-integrated examination of housing requirements in the city of Kaiserslautern, different forms of human coexistence, contemporary housing developments, innovative concepts for food markets, circular construction methods and materials, resulting environmental impacts, building economics, structural engineering and building physics issues as well as the requirements of stakeholders and the needs of different users contribute to this.

The task is a mixed-use project consisting of residential and a food market in Kaiserslautern, which is currently being supervised by the Regensburg-based company RATISBONA Handelsimmobilien, a leading project developer in the German and international retail sector, and the architectural firm KURIARCHITEKTEN and will be further developed as a real project following the semester.

First Meeting: 23.10.2024, 2.00 pm (Bldg. tbd, R tbd)

Pin-Up: 11. + 12.12.2024, 29. + 30.01.2025
Excursion: 04.11.2024, Kaiserslautern
Submission: 18.02.2025
Presentation: 20.02.2025

V

Studio System: Dreams Are My Reality (Inderbitzin/Trachsler)

1731251, WS 24/25, 8 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

Content

In the upcoming semester, we will design uncommon residential architectures. In the sense of inner densification, these will occupy different voids within the urban fabric of Karlsruhe or will be placed as additions to existing urban components.

The focus is on the individual apartment, its floor plan, its spatiality, and the living form outlined within it. We are interested in looking behind the scenes of the everyday life: living is shaped by the conventional, the pragmatic, and the traditional; at the same time, one's own apartment is always also a projection of peculiarities, of longings and dreams, a place for the personal form of living. We want to explore this ambivalence playfully.

We imagine what could be possible if we were to say goodbye to all the written and unwritten laws of housing construction and wander dreamily into our inner living worlds. Starting from our memories of living and any personal fascinations, we will design a context-free, unconventional "dream apartment." In the second part of the semester, the dream apartment takes shape in the reality: building on our living dreams, we will develop smaller residential architectures that address the questions of the place through their expression and typological integration, and the questions of time through their sufficiency and construction. We will be supported by the integrated disciplines of building physics, building installations, and structural engineering.

Appointment: Wed 1 – 6 pm, Drawingroom

First Meeting: 23.10.2024, Drawingroom
Pin-Up: to be announced
Excursion: Zurich/Basel
Submission/Presentation: 18./19.02.2025

T 4.35 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	5

Events					
ST 2025	1731151	Basics of Urban Planning: Reading and Designing the City. (Engel)	2 SWS	Lecture / 🗣	Engel
ST 2025	1731203	Basics of Urban Planning: Landscapearchitecture (SChhifferli)	2 SWS	Lecture / 🗣	Schifferli, Romero Carnicero

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

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

Workload
120 hours

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

V Basics of Urban Planning: Reading and Designing the City. (Engel)

1731151, SS 2025, 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 23.04.2025

Exam: 20.08.2025, 21.08.2025, 22.08.2025

V Basics of Urban Planning: Landscapearchitecture (SChhifferli)

1731203, SS 2025, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The lecture teaches the basics of urban development and urban planning in relation to important landscape elements. From geography and geology to the rivers and green spaces of the city, they shape urban decisions and their influence is critically analyzed. The course provides the necessary content-related and theoretical foundations for design work in the “studio context”. Design-relevant topics are discussed and analyzed using specific examples

First Meeting: Wed 23th April, 11:30 am - 1:00 pm, Bldg.20.40, Fritz-Haller-Hörsaal (HS37)

Lectures Dates: Every Wednesday

Exam: 20.08.2025, 21.08.2025, 22.08.2025

T 4.36 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 24/25	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 24/25, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
This lecture series examines in chronological order the development of architecture and urban planning across the ages. We will analyze 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. Buildings will be addressed as components of the broader urban 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 from Early Modern Times and Enlightenment up to early Modernism around 1900.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.

Exam: 27.02.2025

T 4.37 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 2025	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 2025, 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. This third 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).

Lecture: Fri 9:45-11:15 a.m.

Exam: 11.08.2025

T 4.38 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 4.39 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					
WT 24/25	1700041	Construction Internship		Practical course	
ST 2025	1700047	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

Workload
120 hours

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

V Construction Internship

1700041, WS 24/25, 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 90 hours working time (12 days full-time/3 CP) 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

1700047, SS 2025, 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 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.

T 4.40 Course: Key Qualifications at the HoC, FORUM 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
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Workload
30 hours

T 4.41 Course: Law for Architects and Construction Planning Law [T-ARCH-111669]

Responsible: Dr. Holger Fahl
Jens Nottermann
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 2025	1731154	Law for Architects	2 SWS	Lecture / Practice (/ 🗣	Fahl
ST 2025	1731156	Construction Planning Law	2 SWS	Lecture / Practice (/ 🗣	Nottermann, 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 2025, 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, 9:45 am - 11:15 am, 20.40 Egon-Eiermann-Hörsaal (HS16)

First meeting: Mon 28.04.2025

Submission/Exam: Mon 04.08.2025

V Construction Planning Law

1731156, SS 2025, 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 28.04.2025

Exam: Mo 04.08.2025

T 4.42 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

Events					
WT 24/25	1720705	Methodological and technical planning Aids: Modern Tools for BIM - Basics	2 SWS	Seminar /	von Both, Koch, Sartorius, Schöner
ST 2025	1720705	Methodicial and Technical Planning Tools: Principles of BIM modelling	2 SWS	Seminar /	von Both, Koch, Schöner, Sartorius

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

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

Prerequisites
none

Workload
120 hours

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

V Methodological and technical planning Aids: Modern Tools for BIM - Basics

Seminar (S)
Blended (On-Site/Online)

1720705, WS 24/25, 2 SWS, Language: German/English, Open in study portal

Content
There are five good Reasons for Architects to prepare their Plans not only in 3D but also BIM-compliant: Saving time when drawing, avoiding Errors, Transparency in Planning, being able to import Building Plans across Programs and fast Rendering.
The current Software is multidimensional and comes with many Tools that minimize hard Work and simplify Communication with Project Participants.
The seminar provides an Introduction to the current version of ARCHICAD. It covers the Basics of Modeling, how to use the modeling Tools, how to control the Display Type of individual Drawings, Plan Design and the basic Requirements for working with BIM. The Seminar takes place online. Previous Knowledge is not necessary.

The Prerequisites for participation are:

An internet connection for the entire duration of the seminar, an MS Teams university account, and the current version of ARCHICAD.
Schedule: Weekly 1.5-hour lecture with exercises. Weekly supervision offer.
Submission: Exercise project file as *.pla, one plan as *.pdf

Two-week submission of CAD data, the work will be supervised and corrected.

Examination of a different kind: Planning elaboration (CAD file, PDF), short Presentation

Weekly Appointments:

Regular (online): Mondays 11:30 am - 13:00 pm, online, MS Teams

Powerwork in Precence, Seminar Room "Grüne Grotte"

Mo 16.12.2024, 11:30 am -13:00 pm and Mo 03.02.2025, 11:30 am -13:00 pm

Supervision(online) by arrangement

First Appointment: Monday 10/21/2024, 11:30 am - 13:00 pm, Seminar Room of the BLM- Institute

Examination Date: Tuesday 03/04/2025, online

V **Methodicial and Technical Planning Tools: Principles of BIM modelling** **Seminar (S)**
1720705, SS 2025, 2 SWS, Language: German, Open in study portal **Blended (On-Site/Online)**

Content
There are five good reasons for Architects to prepare their Plans not only in 3D but also BIM-compliant:

1. Saving time when drawing
2. Avoiding Errors
3. Transparency in Planning
4. Being able to import Building Plans across Programs
5. Simplifying Communication with Project Participants.

The current Software is multidimensional and comes with many Tools that minimize hard Work and simplify Communication with Project Participants.
The Seminar provides an Introduction to the current version of ARCHICAD. It covers the Basics of Modeling, how to use modeling Tools, how to control the Display Type of individual Drawings, Plan Design, and the basic Requirements for working with BIM. The Seminar takes place online. Previous Knowledge is not necessary.

Prerequisites for participation are: An internet connection for the entire Duration of the Seminar. An MS Teams Uni account. The current version of ARCHICAD.

Schedule: Weekly 1.5h online Lectures, Mondays 11:30 am - 13:00 pm, MS Teams

First Appointment: Monday, 28/04/2025, 11:30 a.m - 13:00 p.m. BLM

Examination Date: Tuesday 11/08/2025

T 4.43 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 2025	1710202	Principles of Building Typology and Design (Lecture)	2 SWS	Lecture / 🗣	N.N., Zaparta

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.

Workload
120 hours

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

V Principles of Building Typology and Design (Lecture)

1710202, SS 2025, 2 SWS, Language: English, Open in study portal

Lecture (V)
On-Site

Content
Understanding contemporaneity means questioning its contradictions. The era oscillates between excess and economy, acceleration and precariousness, innovation and obsolescence. These tensions shape our lifestyles and directly influence architecture. How can we respond to this complexity without freezing forms or limiting uses? Architectural typology becomes a tool for exploration: rather than a fixed model, it is an open structure, adaptable to changes in reality. This semester, through readings and discussions, we will analyze how the economy – not as a constraint, but as a lever – enables us to invent new spatial arrangements and to rethink our ways of living.

Appointment: Tue 11:30 – 13:00 am
1st meeting: Tue 22.04.2025 Egon-Eiermann-Hörsaal
Exam: Thu 07.08.2025
Event format: On-Site
Language: English

T 4.44 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 2025	1710203	Principles of Building Studies and Design	2 SWS	Practice / 🗣	N.N.

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 2025, 2 SWS, Language: German/English, 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. 09:45 - 11:15 am

First meeting: Tue. 29.04.2025

Form: Teamwork

T 4.45 Course: Selected Topics of Accessibility [T-ARCH-113245]

Responsible: Prof. Andreas Wagner
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

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

T 4.46 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					
WT 24/25	1710404	Selected Topics of Architectural Theory: Exhibit A(rchitecture). Exhibitions that have shaped architecture	2 SWS	Seminar /	Fankhänel
WT 24/25	1710405	Selected Topics of Architectural Theory: Rhein: Industrie/Kultur/ Landschaft	2 SWS	Seminar /	Fankhänel, Wilkinson
WT 24/25	1710409_01	Selected Topics of Architectural Theory: Living Archive!	2 SWS	Seminar /	Gurgenidze
WT 24/25	1710411_01	Selected Topics of Architectural Theory: Reading Beyond the Buildings	2 SWS	Seminar /	Fankhänel, Knoop
WT 24/25	1710415	Selected Topics of Architectural Theory: Criticising Architecture	2 SWS	Seminar /	Fankhänel, Wilkinson
ST 2025	1710405	Selected Topics of Architectural Theory: Modern Servants	2 SWS	Seminar /	Fankhänel, Wilkinson
ST 2025	1710411_01	Selected Topics of Architectural Theory: Protests and Common Spaces	2 SWS	Seminar /	Fankhänel
ST 2025	1710413_01	Selected Topics of Architectural Theory: Architecture's Scales: Methods	2 SWS	Seminar /	Meister
ST 2025	1710415	Selected Topics of Architectural Theory: Archive Gossip	2 SWS	Seminar /	Fankhänel, Brückner-Amin

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

Workload
120 hours

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

V Selected Topics of Architectural Theory: Exhibit A(rchitecture). Exhibitions that have shaped architecture

1710404, WS 24/25, 2 SWS, Language: English, Open in study portal

Seminar (S)
Blended (On-Site/Online)

Content
Theory doesn't always come in the form of written manifestoes or books. Often ideas are transmitted through other media such as buildings, photos or exhibitions. Deciphering their critical influence on architectural culture is a key skill in any architect's tool kit.
Architecture exhibitions have a profound influence on the way we negotiate the built environment. While some have been credited with initiating whole movements (International Style, MoMA, 1932 or Venice Biennale, 1980) others have secured a lasting legacy for individual architects by inscribing them into the canon of great architecture.
This seminar unpacks a select number of exhibitions that have shaped architecture's relationship to styles and fashions, technological advances, the relationship of humans to nature, nationality, culture and globalization, the individual's place in society, and our relationship to history.

Introduction: Wed., 23.10.2024, 11:30am -1:00pm

Last date: Thu., 30.01.24, 5:00-8:00pm, Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 7

V

Selected Topics of Architectural Theory: Rhein: Industrie/Kultur/ Landschaft

1710405, WS 24/25, 2 SWS, Language: English, Open in study portal

Seminar (S)
Blended (On-Site/Online)

Content
The Rhein is one of Europe's most important rivers, a vital economic route transporting people and goods between major cities, a geographical feature joining and dividing the continent– and the world. It is also a cultural landscape that played a central role in the development of the modern German identity. However, the modern river is hardly natural at all, thanks to canalisation – it is, in effect, one of the world's biggest infrastructure projects. Since the industrial revolution, it has also suffered from serious pollution, and now climate change threatens to render it unnavigable. In this research seminar we will visit key sites and read texts from poets, designers, philosophers, and geographers, using the Rhein and its architecture to explore bigger questions about nature and design, economics and culture.

Focus of study: Architectural and Cultural Heritage

4 x Friday 9:45am-1:00pm/ 2 x day trips, also on Fridays

Seminar 1 & 2 (25.10); Seminar 3 & 4 (1.11) (online)
Seminar 5 & 6 Basel (22.11); Seminar 7 & 8 (6.12)
Seminar 9 & 10 Mannheim (20.12); Seminar 11 & 12 (17.01)Thu., 30.01.24,5:00-8:00pm, Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 7

V

Selected Topics of Architectural Theory: Living Archive!

1710409_01, WS 24/25, 2 SWS, Language: German/English, Open in study portal

Seminar (S)
Blended (On-Site/Online)

Content
This course explores the transformation of the Panel Block Housing in the transition period from a planned to a market economy in post-Soviet Georgia, primarily from the late 1990s to the early 2000s. The emergence of new architectural elements within post-Soviet contexts is a compelling area for investigation. This involves documenting a 'living archive' by visualizing and analyzing the various typologies of these transformed spaces. Of note are the existing typologies of self-built structures, like balconies, ground floors, extensions, and garages, to mention a few, which serve as a tangible record of the architectural evolution of the period for professionals.
The planned course aims to meticulously research the "living archive" and analyze and document them.

Focus of study: *Architectural and Cultural Heritage*

3 x Fridays 2:00-5:15 pm / 3 x Fridays 2:00-5:15 pm (online)
Seminar 1 & 2 (25.10); Seminar 3 & 4 (8.11)
Seminar 5 & 6 (22.11) online; Seminar 7 & 8 (13.12)
Seminar 9 & 10 (20.12) online; Seminar 11 & 12(11.01) online
Thu., 30.01.24, 17:00-20:00h, Final event at the Architekturschaufenster: AT goes A SF

V

Selected Topics of Architectural Theory: Reading Beyond the Buildings

1710411_01, WS 24/25, 2 SWS, Language: German/English, Open in study portal

Seminar (S)
Blended (On-Site/Online)

Content
Architecture and urban space are part of an infrastructure for political participation and legal citizenship, such as through the organisation and aesthetic impact of public space and cultural and political institutions. After the Second World War, the discipline of architecture was given the task by the United Nations of not only solving housing problems, but also having an impact on international relations. This also marked the beginning of an examination of architectural spaces of colonialism, human rights violations or discrimination. How was and is the discipline involved or responsible? What positions does it adopt today? In this research seminar, we want to read, discuss and research 'beyond the buildings' based on texts from architectural theory, political science and post-colonial studies.

Focus of study: Architectural and Cultural Heritage / the texts to be edited will be in English

Monday 2-5:15 pm in person/online 14daily

Intro: Monday 21.10.24
Workshop 1: Monday 4.11.24
Workshop 2: Monday 9.12.24
Workshop 3: Monday 27.01.25
Final Event: 30.01.25, at the Architekturschaufenster: AT goes A SF

Number of Participants: 7

V **Selected Topics of Architectural Theory: Criticising Architecture** **Seminar (S)**
1710415, WS 24/25, 2 SWS, Language: English, Open in study portal **Blended (On-Site/Online)**

Content
In this research seminar we will consider the role of criticism in architecture: what it means to be critical, how criticism functions as a professional practice, what relationship criticism has to design, and what criticism can do today. We will read and analyse some key examples, as well as some theoretical reflections on the form, and then produce a short piece of criticism ourselves.

Focus of study: Architectural and Cultural Heritage

4 x 90 min seminars Fridays 2:00-3:30pm
1: 25.10.24
2: 01.11.24 (online)
3: 06.12.24
4: 17.01.25
Thu 30.01.24, 5:00-8:00pm, Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 20

V **Selected Topics of Architectural Theory: Modern Servants** **Seminar (S)**
1710405, SS 2025, 2 SWS, Language: English, Open in study portal **On-Site**

Content
Modernist homes have often been presented as machines for living, in which new technology alleviates tedious housework. In fact they were run by servants, who were allocated concealed spaces within these buildings – a situation that continues today in many countries. Thinking about these spaces, and their historical roots in feudalism, patriarchy and slavery, allows us to ask intersectional questions about the labour that sustains modernist architecture, and about the illusions and contradictions of modernity itself.

Focus of study: Architectural and Cultural Heritage
The seminars and lectures will take place 6 times Fri 11.30-13-00 & 6 times Fri 14.00-15.30.
Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

V **Selected Topics of Architectural Theory: Protests and Common Spaces** **Seminar (S)**
1710411_01, SS 2025, 2 SWS, Language: English, Open in study portal **On-Site**

Content
Recent waves of public protests around the world have not only reshaped political discourse, but also changed the physical and social landscapes of urban spaces and the way we perceive them. This seminar explores the phenomenon of protest architecture and its role in reclaiming urban spaces as platforms for solidarity, dialogue and collective action. We will examine protest sites with temporary structures, including makeshift shelters, communal kitchens and spontaneous performance spaces. These spaces are examined for their potential to challenge neoliberal urban fragmentation and privatization, and the analysis is supported by a review of the ongoing protests in Tbilisi, Georgia and past protests in the last decades like Gezi Park in Istanbul, Tahrir Square in Cairo and Maidan in Kyiv.

Gastrednerin: Tinatin Gurgenidze

Focus of study: Architectural and Cultural Heritage

The course will take place 6 times.
Thu 17.07. 17.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Fri 25.04 - 11.00-14.00 (Introduction)
Thu 15.05 - 14.00-17.00
Fri 16.05 - 11.00-14.00
Thu 12.06 - 14.00-17.00
Fri 13.06 - 11.00-14.00
Fri 04.07 - 11.00-14.00

V **Selected Topics of Architectural Theory: Architecture's Scales: Methods** **Seminar (S)**
1710413_01, SS 2025, 2 SWS, Language: English, Open in study portal **Blended (On-Site/Online)**

Content
While archival work provides the foundation for historical analysis, writing histories is the work of interpretation. How we write affects stories and narratives as much as what we write about. How is one to find and to interpret an “archive”? How does one add these missing stories, when conventional methods have failed to account for them? In this class, we will examine six methodologies: postcolonial studies; queer and feminist studies; alter-stories and new materialism; global histories and their critical revisions; geomedia studies; oral history and critical fabulation. Meeting in six double sessions, we will discuss texts that employ one of these methods, followed by an evening lecture and discussion with their authors. The seminar is taught in in hybrid format collaboration with Prof. Dr. Alla Vronskaya, Kassel University and the Kunsthistorisches Institut in Florenz - Max Planck Institute. It is open to Bachelor, Master, and doctoral students.

Focus of study: Architectural and Cultural Heritage
Die Veranstaltung findet 6x Fr 10.00-11.30 und 6x Mo 18.30-20.00 (teils online) statt, genaue Termine werden noch bekanntgegeben.
Do 17.07. 17.00-20.00 Abschlussveranstaltung im Architekturschaufenster: AT goes A SF

V **Selected Topics of Architectural Theory: Archive Gossip** **Seminar (S)**
1710415, SS 2025, 2 SWS, Language: German, Open in study portal **On-Site**

Content
In search of “Archive Gossip,” we explore the saai archive. On the basis of selected materials, we dedicate ourselves to little-explored stories and protagonists. The result includes the production of a podcast episode. We question the critical potential of gossip: Fragmented sources are constructed as stories only with a little speculation, but how do we deal with these gaps in knowledge?
To tackle this, we read texts about the archive as a place of knowledge construction to understand how information is stored in things and how it can be read out again. We want to ask productive questions of archival materials and architectural media and, building on that, tell exciting and accessible stories.

Focus of study: Architectural and Cultural Heritage

The course will take place 4 times Wed 11.30-13.00.
Thu 18.07. 17.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

T 4.47 Course: Selected Topics of Art History [T-ARCH-107335]

Responsible: Studiendekan/in Kunstgeschichte
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					
WT 24/25	1741320	Selected Topic of Art History: Diagrams and Diagrammatic Art: Histories, Theories and Practices	2 SWS	Seminar / 🗣	Rottmann
WT 24/25	1741324	Selected Topics of Art History: Dionysos in the Art of Early Modernity	2 SWS	Seminar / 🗣	Muñoz Morcillo
WT 24/25	1741326	Selected Topic of Art History: Donatello	2 SWS	Seminar / 🗣	Papenbrock
WT 24/25	1741327	Selected Topics of Art History: The Art of Ornament in Theory and Practice	2 SWS	Seminar / 🗣	Kohut
WT 24/25	1741328	Selected Topic of Art History: Titian and his Century - Color of Nature / Nature as Color	2 SWS	Seminar / 🗣	Fiorentini Elsen
ST 2025	1741313	Selected Topics of Art History: White Gold: The Art of Porcelain Wares	2 SWS	Seminar / 🗣	Kelly
ST 2025	1741316	Selected Topics of Art History: Early Bauhaus	2 SWS	Seminar / 🗣	Kelly
ST 2025	1741318	Selected Topics of Art History: Hans Haacke – Concept Art	2 SWS	Seminar / 🗣	Papenbrock

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

Workload
120 hours

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

V Selected Topic of Art History: Diagrams and Diagrammatic Art: Histories, Theories and Practices

Seminar (S) On-Site

1741320, WS 24/25, 2 SWS, Language: German, Open in study portal

Content
Diagrams and theorizing them are a current issue in art history and media studies. Diagrams are considered as means of visualization and as tools for procedures of thinking, draft and creativity in science, architecture and visual arts.
In a first part this seminar will provide an overview of histories, theories, and practices of diagrams. Central questions are: Which types are existing? How to determine a mediality and to distinguish diagrams from drawing? What are conditions of production and reception?
In a second part we want to get to know diagrammatic art forms and how they use, reflect, and criticize diagrams. We will analyze case examples with a focus on the 20th century and we will read selected texts, e. g. by Charles Sanders Peirce, Tom Holert or Sybille Krämer.

Appointment: Wed 11:30 - 1 pm, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2025
Number of Participants: 5

V **Selected Topics of Art History: Dionysos in the Art of Early Modernity** **Seminar (S) On-Site**
1741324, WS 24/25, 2 SWS, Language: German, Open in study portal

Content
In Early Modernity, painters such as Titian, Velázquez, Jordaens, and Peter Paul Rubens consciously wove Dionysian motifs into their works of art, informed not only by ancient archetypes such as those found on reliefs and sculptures but also by literary sources, aesthetic preferences, and contemporary concerns. In this course, we will analyze the aesthetic and ecocritical implications of Dionysian motives, such as Bacchanals with Satyrs and Maenads, in paintings, drawings, and artifacts, focusing on the intellectual dialog that emerged from adapting ancient sources to early modern Humanism.

Appointment: Fri 11:30 - 1 pm, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2025
Number of Participants: 5

V **Selected Topic of Art History: Donatello** **Seminar (S) On-Site**
1741326, WS 24/25, 2 SWS, Language: German, Open in study portal

Content
The artistic change from the Middle Ages to the early modern period is nowhere more clearly expressed than in Donatello's work. With a new, body-conscious form of naturalism, which can be seen in his sculptural works, he has left the spiritual conception of the Gothic far behind. His works show the self-confidence of a new urban society determined by economic interests. In the seminar we will discuss the artistic characteristics and the social dimensions of his sculptural work.

Appointment: Thu 8 - 9:30 am, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2025
Number of Participants: 5

V **Selected Topics of Art History: The Art of Ornament in Theory and Practice** **Seminar (S) On-Site**
1741327, WS 24/25, 2 SWS, Language: English, Open in study portal

Content
What are ornaments? Do they constitute a semiotic code or merely serve for aesthetic pleasure? What role do they play in constructing power relations related to class, gender, and race? How were and are ornaments involved in environmental discourse? Should we consider modern and contemporary abstractionism a form of ornament? And if yes, what implications does this answer have for reconsidering notions of center and periphery in our cultural landscape? This course will equip students with fundamental knowledge of the history and theory of ornaments, help refine their interpretive skills through diverse theoretical perspectives, and teach them (material) knowledge on practical skills and techniques in ornamental design.

Appointment: Tue 9:35 - 11:15 am, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2025
Number of Participants: 5

V **Selected Topic of Art History: Titian and his Century - Color of Nature / Nature as Color**
1741328, WS 24/25, 2 SWS, Language: German, Open in study portal
Seminar (S) On-Site

Content
Under the sign of color, the seminar not only addresses a great personality in art history, but also the competition between art genres in different geographical contexts, their social position, their relationship to art theory, as well as the historical and practical connection of visual concepts in the late Renaissance and Mannerism.

Appointment: Wed 8 - 9:30 am, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2025
Number of Participants: 5

Organizational issues
Die Teilnahme an der ersten und letzten Seminarsitzung ist verpflichtend!

V **Selected Topics of Art History: White Gold: The Art of Porcelain Wares**
1741313, SS 2025, 2 SWS, Language: German, Open in study portal
Seminar (S) On-Site

Content
Naturalistic and with a flawless white glaze: the appearance of the figurines from the Allach porcelain manufactory may disguise their questionable manufacturing circumstances, as they originate from the production facility in Dachau concentration camp. The porcelain for Nazi dignitaries from the hands of concentration camp prisoners stands for the art and contemporary history from which it derived.
Starting with the invention of European porcelain in 1709, we will be introduced to various forms and manufactories from the heyday of these luxury goods. Side glances at English and French brands will add to the context of production and reception. New forms regarding new product design will take us to the 20th and 21st centuries. Field trips will complement the seminar.

Submission/Exam: written elaboration, 30.09.2025
Number of Participants: 3

V **Selected Topics of Art History: Early Bauhaus**
1741316, SS 2025, 2 SWS, Language: German, Open in study portal
Seminar (S) On-Site

Content
The early Bauhaus was expressionistic, nationalistic and spiritual. While today it is associated with cool material aesthetics and New Building, in Weimar, after its foundation in 1919, aesthetic empathy and sensation were considered a premise for all artistic activity. The inner state during the creative process and the respect for the nature of things overshadowed external functional demands.
The seminar focuses on influential personalities from the teaching staff, e.g. Johannes Itten, Paul Klee and Wassily Kandinsky. The Bauhütte idea, progressive educational innovations, such as creative body practices, as well as esoteric tendencies will be examined along with their (political) countermovement.

Submission/Exam: written elaboration, 30.09.2025
Number of Participants: 3

V **Selected Topics of Art History: Hans Haacke – Concept Art**
1741318, SS 2025, 2 SWS, Language: German, Open in study portal
Seminar (S) On-Site

Content
Hans Haacke, who was born in Cologne and has lived and worked in the USA since the 1960s, is considered one of the most important conceptual artists of the 20th century. His work is characterized by a pronounced awareness of the sociology of art, a corresponding development of theory, but above all by controversial political themes and the urge for political enlightenment. In his installations, he confronts the viewer with the political and social background of the art world or contrasts self-portrayals of the state and economy with references to historical or current connections to totalitarian regimes. The seminar will present his most important installations, reconstruct their political backgrounds and examine and discuss their reception on the basis of the public discussions they have triggered.

Submission/Exam: written elaboration, 30.09.2025
Number of Participants: 3

T 4.48 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					
WT 24/25	1741361	Selected Topics of the History of Architecture and Urban Planning: KIT200: Exhibition Design	2 SWS	Seminar / 🗣	Garrido
WT 24/25	1741362	Selected Topics of the History of Architecture and Urban Planning: KIT200: Decoding Majolika Karlsruhe and its Environmental Networks	2 SWS	Seminar / 🗣	Garrido
WT 24/25	1741363	Selected Topics of the History of Architecture and Urban Planning: Nature in Stone: Plant Species in Gothic Architecture	2 SWS	Seminar /	Brehm
WT 24/25	1741364	Selected Topics of the History of Architecture and Urban Planning: Creepy Houses. Architecture and the City in the Movies (Part I)	2 SWS	Seminar / 🗣	Medina Warmburg
WT 24/25	1741365	Selected Topics of the History of Architecture and Urban Planning: KIT200: Time as Material. About the Culture and Architecture of Cemeteries	2 SWS	Seminar / 🗣	Medina Warmburg
WT 24/25	1741366	Selected Topics of the History of Architecture and Urban Planning: KIT 200: Municipal and Private Bath	2 SWS	Seminar / 🗣	Rind
WT 24/25	1741370	Selected Topics of the History of Architecture and Urban Planning: Future needs Provenance –About Dealing with Monuments	2 SWS	Seminar / 🗣	Kurz
WT 24/25	1741371	Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block /	Hanschke
WT 24/25	1741373	Selected Topics of the History of Architecture and Urban Planning: Strasbourg/Strasbourg - Cultural Exchange between France and Germany. Aspects of Architectural and Urban Planning between 1830 and 1940.	2 SWS	Seminar /	Gawlik
ST 2025	1741357	History of Garden Art: Selected Topics of the History of Architecture and Urban Planning: Hamburg's Urban Greenery - a Historical Overview of the last 200 Years	2 SWS	Excursion (E / 🗣	Medina Warmburg, Gawlik

ST 2025	1741362	Applied Monument Preservation: Selected Topics of the History of Architecture and Urban Planning: Monument Preservation _ Challenge and Perspective	2 SWS	Seminar / 🗣	Medina Warmburg, Hücklekemkes
ST 2025	1741363	Selected Environmental History of Architecture:Topics of the History of Architecture and Urban Planning: Case Study: Schlossgarten Karlsruhe	2 SWS	Seminar / 🗣	Medina Warmburg, Garrido
ST 2025	1741364	History of Cultural Landscapes: Selected Topics of the History of Architecture and Urban Planning: Perspectives on an Environmental History of Architecture in the Early Modern Era	2 SWS	Seminar / 💒	Medina Warmburg, Silvestri
ST 2025	1741365	History and Theory of Mounument Care: Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 💒	Hanschke
ST 2025	1741366	Architecture in Film: Selected Topics of the History of Architecture and Urban Planning: Other Locations (Part 2)	2 SWS	Seminar / 💒	Medina Warmburg

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

Workload
120 hours

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

V **Selected Topics of the History of Architecture and Urban Planning: KIT200: Exhibition Design** **Seminar (S) On-Site**
1741361, WS 24/25, 2 SWS, Language: German/English, Open in study portal

Content
Next year, the Karlsruhe Institute of Technology will celebrate its 200th anniversary. As the Faculty of Architecture was at the core of the university's foundation, the exhibition will focus on the contributions of KIT professors to the city.

This seminar will assist in designing the KIT's 200th anniversary exhibition, exploring exhibition design references as well as the organization and presentation of material from various departments and research seminars, emphasizing the connections between research, buildings, and architects associated with KIT and the city of Karlsruhe.

Additionally, the seminar will focus on designing the exhibition infrastructure, including spatial layouts, display systems, and support elements, to create a cohesive and engaging experience.

Submission/Exam: presentation and essay due 31.03.2025

Number of Praticipants: 7

V

Selected Topics of the History of Architecture and Urban Planning: KIT200: Decoding Majolika Karlsruhe and its Environmental Networks

Seminar (S)
On-Site

1741362, WS 24/25, 2 SWS, Language: German/English, Open in study portal

Content

The Majolika factory in Karlsruhe is a key piece of infrastructure in the city. Located near the castle (and the geometric center of Karlsruhe) it has played a crucial role in linking the city with its surroundings by processing, manufacturing, and commercializing ceramic pieces for household, art and architecture.

Majolika's products permeated the inhabitants of Karlsruhe in many ways, from kitchen ware to decorations and even building components. The seminar will try to find, catalog and map the relationships between the factory, its products and its environment, exploring archival information, timelines, drawings, and other architectural tools to study Majolika's infrastructural, physical, natural, and artificial networks.

Submission/Exam: presentation and essay due 31.03.2024

Number of Participants: 7

V

Selected Topics of the History of Architecture and Urban Planning: Nature in Stone: Plant Species in Gothic Architecture

Seminar (S)
Blended (On-Site/Online)

1741363, WS 24/25, 2 SWS, Language: German, Open in study portal

Content

Vines, leaves, flowers and fruit adorn Gothic architecture. From stylized forms to naturalistic depictions, nature was captured in stone. Where can these plants be found? Which species were depicted? Which plants were known and what meanings were attributed to them? In the seminar, the depictions of plants in the Gothic period will be traced on various Gothic buildings - the focus will be on Freiburg Minster. . The The seminar begins with a compulsory excursion to Freiburg on 25 October 2024 (afternoon).

Submission/Exam: The knowledge acquired will be used to create a small exhibition, which will be organized as part of the seminar. The examination comprises exhibition texts and the development of an exhibition concept.

Number of Participants: 5

V

Selected Topics of the History of Architecture and Urban Planning: Creepy Houses. Architecture and the City in the Movies (Part I)

Seminar (S)
On-Site

1741364, WS 24/25, 2 SWS, Language: German, Open in study portal

Content

As a key medium of modernity, film has depicted and critically reflected on urban lifestyles and the architecture associated with them. Fiction has produced utopian and dystopian images and narratives of the city and architecture, which have eventually been used to design real spaces and structures. These interactions will be explored in a series of movies and seminars over the coming semesters. As a prelude, six films will explore the motif of the "uncanny" in residential architecture. The seminar will be credited for active participation in the preparation, moderation and follow-up of a film evening.

1. Meeting: 31.10.2024

Dates: 6 doubles sessions in November and December

Number of Participants: 12 active participants (6 Bachelor and 6 Master), open to interested members of the public.

V

Selected Topics of the History of Architecture and Urban Planning: KIT200: Time as Material. About the Culture and Architecture of Cemeteries

Seminar (S)
On-Site

1741365, WS 24/25, 2 SWS, Language: German, Open in study portal

Content
In monumental tombs and cemeteries, more than in almost any other building, the symbolic power of architecture is immediately apparent. Symbolically charged necropolises mark the beginnings of sedentary settlements and urban civilisation. Even in today's cities, they are heterotopias where the fictional and the real merge. In them, personal memories overlap with collective visions of what the future holds. At the same time, different cultures and religions deal with the decomposition of the dead bodies in different ways, challenging the urban metabolism of the living. To approach these questions, we will begin by analysing a specific case in Karlsruhe: Friedrich Eisenlohr's Crypt Hall and Chapel in the Old Cemetery.

1. Meeting: 29.10.2024

Number of Paricipants: 10 (5 Bachelor, 5 Master)

V **Selected Topics of the History of Architecture and Urban Planning: KIT 200: Municipal and Private Bath** **Seminar (S) On-Site**
1741366, WS 24/25, 2 SWS, Language: German, Open in study portal

Content
Today, we can't imagine a home without a bathroom. Bathing or showering with hot water straight from the tap is part of our everyday lives. However, this separate room with hot and cold running water and permanently installed ceramics is a relatively new facility. There were much longer bathing rooms and later public baths with bathtubs, spa departments and swimming areas.

We want to trace this development for Karlsruhe, starting with the Vierordtbad. We will examine both Karlsruhe swimming pools and bathhouses as well as private bathrooms in residential buildings. The analysis is based on archive material and site visits. The different views on hygiene and body ideals as well as the technical innovations are just as much a part of the investigation as the time-specific concepts of space and design.

Submission: poster or paper

Number of Participants: 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 24/25, 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.

First Meeting: 28.10.2024

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 31.03.2025

Number of Paticipants: 8

V **Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice** **Block (B) Blended (On-Site/Online)**
1741371, WS 24/25, 2 SWS, Language: German, Open in study portal

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.

The seminar is to be offered as a compact course, the task of the seminar participants is to write a presentation or a term paper.

Dates will be set by arrangement.

First Meeting online: Thu 24.10.2023, 6 p.m.

Submission/Exam: presentation and paper due 31.03.2025

Number of Participants: 6

V **Selected Topics of the History of Architecture and Urban Planning: Strasbourg/Strasbourg - Cultural Exchange between France and Germany. Aspects of Architectural and Urban Planning between 1830 and 1940.** **Seminar (S) Blended (On-Site/Online)**
1741373, WS 24/25, 2 SWS, Language: German, Open in study portal

Content
As part of our block seminar with a one-day excursion to Strasbourg, for which there will be an introductory event (online) on Friday, 25.10.24 at 17:00, we want to deal with French and German projects on urban planning and architecture that were realized in the city with multiple changes of nationality between 1830 and 1940. Both the German and the French heritage form the special feature of Strasbourg as a crossroads of cultures.

Block seminar in Karlsruhe on 21./22.03.2025

Excursion to Strasbourg on 23.03.2025

Entrance fees for the Palais Rohan and the cathedral may apply.

Please make your own travel arrangements to Strasbourg.

Number of Participants: 3

Submission/Exam: presentation/essay 31.03.25

V **History of Garden Art: Selected Topics of the History of Architecture and Urban Planning: Hamburg's Urban Greenery - a Historical Overview of the last 200 Years** **Excursion (EXK) On-Site**
1741357, SS 2025, 2 SWS, Language: German, Open in study portal

Content
Our four-day block event (11-14.9.25) takes us to Hamburg. The palpable garden lust in the patrician gardens, designed for example by Joseph Ramée (1764-1842) in Blankenese, forms the starting point for the development of urban greenery. During the 19th century, the city's dismantled fortifications were remodelled into today's ramparts (Grosse Wallanlagen, Kleine Wallanlagen, Alter Botanischer Garten, Planten un Blomen). Garden exhibitions and IGAs (International Garden Exhibitions in 1953, 1963 and 1973) have been held here since the end of the 19th century. During the first quarter of the 20th century, the Hamburg Stadtpark and the Altonaer Volkspark were realised after extensive planning. Together with Heino Grunert (former garden monument conservator at the Ministry for Urban Development and the Environment), we will explore this history of the built environment. Admission to the parks is free; individual travel and overnight accommodation.

First Meeting: 25.04.25, 5pm (online)

Excursion: 11.-14.09.25

Submission/Exam: 30.09.2025

Number of Participants: 5 Bachelor/5 Master/2 Art History

V **Applied Monument Preservation: Selected Topics of the History of Architecture and Urban Planning: Monument Preservation _ Challenge and Perspective** **Seminar (S) On-Site**
1741362, SS 2025, 2 SWS, Language: German, Open in study portal

Content
The course provides basic knowledge about the fundamentals of modern heritage conservation: What is heritage conservation today and how has it developed? What should be protected and preserved? Why do we preserve monuments, who benefits from it, what is its aim and what categories of cultural monuments are there? What conservation methods are there and what challenges arise when dealing with cultural monuments? Questions such as these will be addressed during the seminar and discussed using practical examples. The findings will be deepened during an excursion.

Subsequent participation in the “Introduction to Monument Conservation” exercise is recommended but not required.

Mandatory excursion, costs approx 50 €

Submission/Exam: Oral exam

Number of paticipants: 7 Bachelor, 7 Master, 7 Art History

V

Selected Environmental History of Architecture:Topics of the History of Architecture and Urban Planning: Case Study: Schlossgarten Karlsruhe

Seminar (S)
On-Site

1741363, SS 2025, 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 element of the built environment.

The seminar proposes to explore various components of the park and its history by employing architectural research and representation tools, as well as archival material and documentation. Through these methods, 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.

Submission/Exam: presentation and paper due 30.09.2025

Number of paticipants: 6 BA, 6 MA, 6 Art History

V

History of Cultural Landscapes: Selected Topics of the History of Architecture and Urban Planning: Perspectives on an Environmental History of Architecture in the Early Modern Era

Seminar (S)
Blended (On-Site/Online)

1741364, SS 2025, 2 SWS, Language: German, Open in study portal

Content
Already in the 15th century, Nuremberg's *Stadtbaumeister* Endres Tucher covered complex environmental factors of urban planning in his *Baumeisterbuch*. Based on the principles of environmental history, the seminar will address the cultural interaction with nature through architecture in the Early Modern period. Topics include waste disposal, disaster prevention, the impact of material extraction, large-scale landscape transformations due to urban foundations, mining industry and canal construction. The aim of the seminar is to explore new perspectives on Early Modern architecture between impact on cultural landscape and interaction with the environment. This will be achieved through a collective analysis of heterogeneous source materials.

Submission/Exam: 30.09.2025

Number of Participants: 5 Bachelor/5 Master/5 Art History

V

History and Theory of Mounument Care: Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice

Block (B)
Blended (On-Site/Online)

1741365, SS 2025, 2 SWS, Language: German, Open in study portal

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 compact course, dates by arrangement.

1. Meeting: Wed 23.04.2025 5:30 pm, online

Submission/Exam: presentation and paper due 30.09.2025

Number of Paticipants:5

V

Architecture in Film: Selected Topics of the History of Architecture and Urban Planning: Other Locations (Part 2)

1741366, SS 2025, 2 SWS, Language: German, Open in study portal

Seminar (S)
Blended (On-Site/Online)

Content

As a defining medium of modernity, film has portrayed and critically reflected on urban lifestyles and the associated architectures.Fiction has produced utopian and dystopian images and narratives of cities and architecture, which have ultimately had a major influence on the conception of real spaces and structures. The second edition of our film series focuses on the interactions of utopian, dystopian and heterotopian counterworlds.The selected movies address the ambivalence of utopian non-places and dystopian non-places and show their conflict-ridden interdependency.Each film screening will be followed by an open discussion round. The aim of the seminar is to open up new perspectives on architecture-related topics.The seminar will be credited for active participation in the preparation, moderation and follow-up of a film evening.

Number of participants: 15 active participants (6 Bachelor, 6 Master, 3 Art History), open to interested members of the public.

Film evenings: 5 double sessions in May and June

T 4.49 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					
WT 24/25	1741361	Selected Topics of the History of Architecture and Urban Planning: KIT200: Exhibition Design	2 SWS	Seminar /	Garrido
WT 24/25	1741362	Selected Topics of the History of Architecture and Urban Planning: KIT200: Decoding Majolika Karlsruhe and its Environmental Networks	2 SWS	Seminar /	Garrido
WT 24/25	1741363	Selected Topics of the History of Architecture and Urban Planning: Nature in Stone: Plant Species in Gothic Architecture	2 SWS	Seminar /	Brehm
WT 24/25	1741364	Selected Topics of the History of Architecture and Urban Planning: Creepy Houses. Architecture and the City in the Movies (Part I)	2 SWS	Seminar /	Medina Warmburg
WT 24/25	1741365	Selected Topics of the History of Architecture and Urban Planning: KIT200: Time as Material. About the Culture and Architecture of Cemeteries	2 SWS	Seminar /	Medina Warmburg
WT 24/25	1741366	Selected Topics of the History of Architecture and Urban Planning: KIT 200: Municipal and Private Bath	2 SWS	Seminar /	Rind
WT 24/25	1741370	Selected Topics of the History of Architecture and Urban Planning: Future needs Provenance –About Dealing with Monuments	2 SWS	Seminar /	Kurz
WT 24/25	1741371	Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block /	Hanschke
WT 24/25	1741373	Selected Topics of the History of Architecture and Urban Planning: Strasbourg/Strasbourg - Cultural Exchange between France and Germany. Aspects of Architectural and Urban Planning between 1830 and 1940.	2 SWS	Seminar /	Gawlik
ST 2025	1741357	History of Garden Art: Selected Topics of the History of Architecture and Urban Planning: Hamburg's Urban Greenery - a Historical Overview of the last 200 Years	2 SWS	Excursion (E /	Medina Warmburg, Gawlik

ST 2025	1741362	Applied Monument Preservation: Selected Topics of the History of Architecture and Urban Planning: Monument Preservation _ Challenge and Perspective	2 SWS	Seminar / 🗣	Medina Warmburg, Hücklekemkes
ST 2025	1741363	Selected Environmental History of Architecture:Topics of the History of Architecture and Urban Planning: Case Study: Schlossgarten Karlsruhe	2 SWS	Seminar / 🗣	Medina Warmburg, Garrido
ST 2025	1741364	History of Cultural Landscapes: Selected Topics of the History of Architecture and Urban Planning: Perspectives on an Environmental History of Architecture in the Early Modern Era	2 SWS	Seminar / 💒	Medina Warmburg, Silvestri
ST 2025	1741365	History and Theory of Mounument Care: Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 💒	Hanschke
ST 2025	1741366	Architecture in Film: Selected Topics of the History of Architecture and Urban Planning: Other Locations (Part 2)	2 SWS	Seminar / 💒	Medina Warmburg

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

Workload
120 hours

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

V **Selected Topics of the History of Architecture and Urban Planning: KIT200: Exhibition Design** **Seminar (S) On-Site**
1741361, WS 24/25, 2 SWS, Language: German/English, Open in study portal

Content
Next year, the Karlsruhe Institute of Technology will celebrate its 200th anniversary. As the Faculty of Architecture was at the core of the university's foundation, the exhibition will focus on the contributions of KIT professors to the city.

This seminar will assist in designing the KIT's 200th anniversary exhibition, exploring exhibition design references as well as the organization and presentation of material from various departments and research seminars, emphasizing the connections between research, buildings, and architects associated with KIT and the city of Karlsruhe.

Additionally, the seminar will focus on designing the exhibition infrastructure, including spatial layouts, display systems, and support elements, to create a cohesive and engaging experience.

Submission/Exam: presentation and essay due 31.03.2025

Number of Praticipants: 7

V **Selected Topics of the History of Architecture and Urban Planning: KIT200: Decoding Majolika Karlsruhe and its Environmental Networks** Seminar (S) On-Site
1741362, WS 24/25, 2 SWS, Language: German/English, Open in study portal

Content
The Majolika factory in Karlsruhe is a key piece of infrastructure in the city. Located near the castle (and the geometric center of Karlsruhe) it has played a crucial role in linking the city with its surroundings by processing, manufacturing, and commercializing ceramic pieces for household, art and architecture.

Majolika's products permeated the inhabitants of Karlsruhe in many ways, from kitchen ware to decorations and even building components. The seminar will try to find, catalog and map the relationships between the factory, its products and its environment, exploring archival information, timelines, drawings, and other architectural tools to study Majolika's infrastructural, physical, natural, and artificial networks.

Submission/Exam: presentation and essay due 31.03.2024

Number of Participants: 7

V **Selected Topics of the History of Architecture and Urban Planning: Nature in Stone: Plant Species in Gothic Architecture** Seminar (S) Blended (On-Site/Online)
1741363, WS 24/25, 2 SWS, Language: German, Open in study portal

Content
Vines, leaves, flowers and fruit adorn Gothic architecture. From stylized forms to naturalistic depictions, nature was captured in stone. Where can these plants be found? Which species were depicted? Which plants were known and what meanings were attributed to them? In the seminar, the depictions of plants in the Gothic period will be traced on various Gothic buildings - the focus will be on Freiburg Minster. . The The seminar begins with a compulsory excursion to Freiburg on 25 October 2024 (afternoon).

Submission/Exam: The knowledge acquired will be used to create a small exhibition, which will be organized as part of the seminar. The examination comprises exhibition texts and the development of an exhibition concept.

Number of Participants: 5

V **Selected Topics of the History of Architecture and Urban Planning: Creepy Houses. Architecture and the City in the Movies (Part I)** Seminar (S) On-Site
1741364, WS 24/25, 2 SWS, Language: German, Open in study portal

Content
As a key medium of modernity, film has depicted and critically reflected on urban lifestyles and the architecture associated with them. Fiction has produced utopian and dystopian images and narratives of the city and architecture, which have eventually been used to design real spaces and structures. These interactions will be explored in a series of movies and seminars over the coming semesters. As a prelude, six films will explore the motif of the "uncanny" in residential architecture. The seminar will be credited for active participation in the preparation, moderation and follow-up of a film evening.

1. Meeting: 31.10.2024

Dates: 6 doubles sessions in November and December

Number of Participants: 12 active participants (6 Bachelor and 6 Master), open to interested members of the public.

V **Selected Topics of the History of Architecture and Urban Planning: KIT200: Time as Material. About the Culture and Architecture of Cemeteries** Seminar (S) On-Site
1741365, WS 24/25, 2 SWS, Language: German, Open in study portal

Content
In monumental tombs and cemeteries, more than in almost any other building, the symbolic power of architecture is immediately apparent. Symbolically charged necropolises mark the beginnings of sedentary settlements and urban civilisation. Even in today's cities, they are heterotopias where the fictional and the real merge. In them, personal memories overlap with collective visions of what the future holds. At the same time, different cultures and religions deal with the decomposition of the dead bodies in different ways, challenging the urban metabolism of the living. To approach these questions, we will begin by analysing a specific case in Karlsruhe: Friedrich Eisenlohr's Crypt Hall and Chapel in the Old Cemetery.

1. Meeting: 29.10.2024

Number of Paricipants: 10 (5 Bachelor, 5 Master)

V **Selected Topics of the History of Architecture and Urban Planning: KIT 200: Municipal and Private Bath** **Seminar (S) On-Site**
1741366, WS 24/25, 2 SWS, Language: German, Open in study portal

Content
Today, we can't imagine a home without a bathroom. Bathing or showering with hot water straight from the tap is part of our everyday lives. However, this separate room with hot and cold running water and permanently installed ceramics is a relatively new facility. There were much longer bathing rooms and later public baths with bathtubs, spa departments and swimming areas.

We want to trace this development for Karlsruhe, starting with the Vierordtbad. We will examine both Karlsruhe swimming pools and bathhouses as well as private bathrooms in residential buildings. The analysis is based on archive material and site visits. The different views on hygiene and body ideals as well as the technical innovations are just as much a part of the investigation as the time-specific concepts of space and design.

Submission: poster or paper

Number of Participants: 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 24/25, 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.

First Meeting: 28.10.2024

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 31.03.2025

Number of Paticipants: 8

V **Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice** **Block (B) Blended (On-Site/Online)**
1741371, WS 24/25, 2 SWS, Language: German, Open in study portal

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.

The seminar is to be offered as a compact course, the task of the seminar participants is to write a presentation or a term paper.

Dates will be set by arrangement.

First Meeting online: Thu 24.10.2023, 6 p.m.

Submission/Exam: presentation and paper due 31.03.2025

Number of Participants: 6

V **Selected Topics of the History of Architecture and Urban Planning: Strasbourg/Strasbourg - Cultural Exchange between France and Germany. Aspects of Architectural and Urban Planning between 1830 and 1940.** **Seminar (S) Blended (On-Site/Online)**
1741373, WS 24/25, 2 SWS, Language: German, Open in study portal

Content
As part of our block seminar with a one-day excursion to Strasbourg, for which there will be an introductory event (online) on Friday, 25.10.24 at 17:00, we want to deal with French and German projects on urban planning and architecture that were realized in the city with multiple changes of nationality between 1830 and 1940. Both the German and the French heritage form the special feature of Strasbourg as a crossroads of cultures.

Block seminar in Karlsruhe on 21./22.03.2025

Excursion to Strasbourg on 23.03.2025

Entrance fees for the Palais Rohan and the cathedral may apply.

Please make your own travel arrangements to Strasbourg.

Number of Participants: 3

Submission/Exam: presentation/essay 31.03.25

V **History of Garden Art: Selected Topics of the History of Architecture and Urban Planning: Hamburg's Urban Greenery - a Historical Overview of the last 200 Years** **Excursion (EXK) On-Site**
1741357, SS 2025, 2 SWS, Language: German, Open in study portal

Content
Our four-day block event (11-14.9.25) takes us to Hamburg. The palpable garden lust in the patrician gardens, designed for example by Joseph Ramée (1764-1842) in Blankenese, forms the starting point for the development of urban greenery. During the 19th century, the city's dismantled fortifications were remodelled into today's ramparts (Grosse Wallanlagen, Kleine Wallanlagen, Alter Botanischer Garten, Planten un Blomen). Garden exhibitions and IGAs (International Garden Exhibitions in 1953, 1963 and 1973) have been held here since the end of the 19th century. During the first quarter of the 20th century, the Hamburg Stadtpark and the Altonaer Volkspark were realised after extensive planning. Together with Heino Grunert (former garden monument conservator at the Ministry for Urban Development and the Environment), we will explore this history of the built environment. Admission to the parks is free; individual travel and overnight accommodation.

First Meeting: 25.04.25, 5pm (online)

Excursion: 11.-14.09.25

Submission/Exam: 30.09.2025

Number of Participants: 5 Bachelor/5 Master/2 Art History

V **Applied Monument Preservation: Selected Topics of the History of Architecture and Urban Planning: Monument Preservation _ Challenge and Perspective** **Seminar (S) On-Site**
1741362, SS 2025, 2 SWS, Language: German, Open in study portal

Content
The course provides basic knowledge about the fundamentals of modern heritage conservation: What is heritage conservation today and how has it developed? What should be protected and preserved? Why do we preserve monuments, who benefits from it, what is its aim and what categories of cultural monuments are there? What conservation methods are there and what challenges arise when dealing with cultural monuments? Questions such as these will be addressed during the seminar and discussed using practical examples. The findings will be deepened during an excursion.

Subsequent participation in the “Introduction to Monument Conservation” exercise is recommended but not required.

Mandatory excursion, costs approx 50 €

Submission/Exam: Oral exam

Number of paticipants: 7 Bachelor, 7 Master, 7 Art History

V

Selected Environmental History of Architecture:Topics of the History of Architecture and Urban Planning: Case Study: Schlossgarten Karlsruhe

Seminar (S)
On-Site

1741363, SS 2025, 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 element of the built environment.

The seminar proposes to explore various components of the park and its history by employing architectural research and representation tools, as well as archival material and documentation. Through these methods, 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.

Submission/Exam: presentation and paper due 30.09.2025

Number of paticipants: 6 BA, 6 MA, 6 Art History

V

History of Cultural Landscapes: Selected Topics of the History of Architecture and Urban Planning: Perspectives on an Environmental History of Architecture in the Early Modern Era

Seminar (S)
Blended (On-Site/Online)

1741364, SS 2025, 2 SWS, Language: German, Open in study portal

Content
Already in the 15th century, Nuremberg's *Stadtbaumeister* Endres Tucher covered complex environmental factors of urban planning in his *Baumeisterbuch*. Based on the principles of environmental history, the seminar will address the cultural interaction with nature through architecture in the Early Modern period. Topics include waste disposal, disaster prevention, the impact of material extraction, large-scale landscape transformations due to urban foundations, mining industry and canal construction. The aim of the seminar is to explore new perspectives on Early Modern architecture between impact on cultural landscape and interaction with the environment. This will be achieved through a collective analysis of heterogeneous source materials.

Submission/Exam: 30.09.2025

Number of Participants: 5 Bachelor/5 Master/5 Art History

V

History and Theory of Mounument Care: Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice

Block (B)
Blended (On-Site/Online)

1741365, SS 2025, 2 SWS, Language: German, Open in study portal

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 compact course, dates by arrangement.

1. Meeting: Wed 23.04.2025 5:30 pm, online

Submission/Exam: presentation and paper due 30.09.2025

Number of Paticipants:5

V

Architecture in Film: Selected Topics of the History of Architecture and Urban Planning: Other Locations (Part 2)

1741366, SS 2025, 2 SWS, Language: German, Open in study portal

Seminar (S)
Blended (On-Site/Online)

Content

As a defining medium of modernity, film has portrayed and critically reflected on urban lifestyles and the associated architectures.Fiction has produced utopian and dystopian images and narratives of cities and architecture, which have ultimately had a major influence on the conception of real spaces and structures. The second edition of our film series focuses on the interactions of utopian, dystopian and heterotopian counterworlds.The selected movies address the ambivalence of utopian non-places and dystopian non-places and show their conflict-ridden interdependency.Each film screening will be followed by an open discussion round. The aim of the seminar is to open up new perspectives on architecture-related topics.The seminar will be credited for active participation in the preparation, moderation and follow-up of a film evening.

Number of participants: 15 active participants (6 Bachelor, 6 Master, 3 Art History), open to interested members of the public.

Film evenings: 5 double sessions in May and June

T 4.50 Course: Selected Topics of Building Technology [T-ARCH-107327]

Responsible: TT-Prof. Moritz Dörstelmann
Prof.Dipl.-Ing. Dirk Hebel
TT-Prof. Florian Kaiser
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

Events					
WT 24/25	1720708	Selected Topics of Building Technology: Method-based Design	4 SWS	Lecture / Practice (/)	von Both
ST 2025	1720505	Selected Topics of Building Technology: Modular Constructions USM Areal in Münsingen CH		Seminar /	Wappner, Kochhan, Hörmann
ST 2025	1720655	Selected Topics of Building Technology: Building with Straw - Basics	2 SWS	Seminar /	Kaiser, Büchle, Juraschitz

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

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

Workload
120 hours

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

V Selected Topics of Building Technology: Method-based Design

1720708, WS 24/25, 4 SWS, Language: German, Open in study portal

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

Content
Planning and design methods help us to separate from traditional, partly unconsciously used solution patterns and to expand the solution space consciously. They can support us in the analysis of the "planning problem" as well as in the development of solution approaches and planning concepts and in the decision-making process. During the course, selected methods for the different planning phases will be presented and applied in exercises. In addition to an introduction to the basics of planning and design methodology, creativity techniques, methods for function-based planning, morphological methods for conceptual design as well as formal methods for form-finding will be taught.

Tuesdays 09:45 Uhr – 11:15 am/13:00 pm, mixed presence/ online

Supervision (by arrangement) and workshop partly online via MSTeams, Miro Board

First appointment: Tuesday, 10/22/2024, 9:45 am

Examination Date: Tuesday, 02/25/2025, 09.45 am

6 Bachelor/ 6 Master

V

Selected Topics of Building Technology: Modular Constructions USM Areal in Münsingen CH

1720505, SS 2025, SWS, Open in study portal

Seminar (S)
On-Site

Content

In connection with the topic of the Bachelor's thesis in the summer semester, which deals with a research center for the development of modular construction methods as well as their potential and design challenges, the seminar examines resource-saving, flexible, efficient and aesthetically pleasing solutions. Modular building typologies and best-case examples will be analyzed - from the 1950s to the present day - in order to identify and discuss findings and impulses for current challenges and requirements, particularly in residential, educational and commercial construction.

In addition to the central themes of innovation, flexibility, sustainability and resource conservation, particular importance will also be attached to the building culture and design aspect in order to enable the knowledge gained to be transferred to the present day.

Regular date: Thursday morning Room 20.40 R240

1st meeting: 30.04.2025 at 11 am

Participants: 10 MA/ 10 BA

Form of work: Individual work / 2-person group work

Form of course: Presence

Language: German/English

V

Selected Topics of Building Technology: Building with Straw - Basics

1720655, SS 2025, 2 SWS, Language: German, Open in study portal

Seminar (S)
On-Site

Content

This seminar marks the beginning of the *Building with Straw* series. As an introduction, we will analyze historical straw buildings to contemporary buildings.The focus will be on the structural properties and challenges of the building material. Numerous guest lectures by invited architects and producers offer insights into realized projects and their implementation.

The current planning hurdles due to building law barriers, especially from building class IV, will be discussed.

The goal of the seminar is to create a compendium with technical solutions, reference projects, and detailed analyses of construction details.

Participation in the excursion *Building with Straw – Practical Workshop* is recommended. The seminar is also a supplement to the DOMINO CIRCULAR design.

Cooperation partners: FASBA (Fachverband-Strohballenbau Deutschland e.V.), processing companies (Zimmerei Grünspecht, Lorenz GmbH, EcoCocon)

Regeltermin: We. 9:45 to 11:15 a.m.

First Meeting: 23.04.2025, 9:45 a.m.

Submission/Exam: to be announced

Number of Participants: 20

Focus of study: (Building Technology)

T 4.51 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					
WT 24/25	1720903	Selected Topics of Building Technology: Structures - integrated and functional.	4 SWS	Lecture / Practice (/ 🗣	Wagner, Ge, 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

Workload
120 hours

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

V Selected Topics of Building Technology: Structures - integrated and functional.

Lecture / Practice (VÜ)
On-Site

1720903, WS 24/25, 4 SWS, Language: German/English, Open in study portal

Content
Participants are encouraged to work with structres using wood and natural building materials such as clay, lime, hemp, wood fibers, and similar materials. When used in the their behaviour, these building materials possess positive climatic properties for indoor spaces. The knowledge of manufacturing, processing, and using these traditional materials has been lost over time but is now being rediscovered and reinvented due to the growing interest in sustainable building materials.

Can the building material be used to create spaces that meet the user-relevated requirements for summer heat protection and winter thermal isolation? Yt the same time requirements for light, moisture, sound and odour have to be fulfilled with these materials.

The course emphasizes experimenting with wooden structures and their connection techniques and provides access to the above-mentioned materials through activities like mixing, processing into bricks, or filling between wooden constructions. Through practical implementation, the course goes beyond merely conveying technical data and application possibilities, offering sensory impressions through hands-on experience.

Knowledge of building with clay, lime, and hemp will be provided by Marlene Dorbach.

The output is a manageable design task in which wood and natural building materials are used wisely according to their properties.

Regular sessions: Fridays 9:45 AM – 1:00 PM
First meeting: October 25, 2024, Hertzstrasse 16, 76187 Karlsruhe, Building 06.34
Excursions to be present: to wooden and clay structures
Submission/Presentation: March 7, 2025

Number of participants: 24

T 4.52 Course: Selected Topics of Comfort and Resilience [T-ARCH-113246]

Responsible: Prof. Andreas Wagner
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 24/25	1720568	Selected Topics of Comfort and Resilience: Acoustic-visual Design in Indoor Spaces	2 SWS	Seminar / 🗣	Dong, Sepulveda Luque

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: Acoustic-visual Design in Indoor Spaces Seminar (S) On-Site

1720568, WS 24/25, 2 SWS, Language: English, Open in study portal

Content
The seminar deals with the topic of human comfort in indoor spaces, presenting factors of influence, simulation methods, and measurements techniques for the assessment of acoustic and visual comfort domains. The students attending this course are expected to learn how to design indoor spaces considering acoustic comfort, daylight provision, and glare protection in indoor spaces.

The students:

- will have a basic understanding of acoustic and visual comfort domains and indoor elements to improve comfort;
- will be familiar with related plug-ins in Grasshopper and know how to conduct acoustic and illuminance measurements;
- will learn how to visualize sound propagation, illuminance and luminance distributions for effective communication;
- will be able to discuss the learned knowledge with vocabulary and technical terms of the discipline.

Regular times: Tuesday, 9:45 - 11:15
First Meeting: Tuesday, 22.10.2024
Exam date: Tuesday, 18.02.2025

Organizational issues
Basic knowledge in Grasshopper, Rhinoceros

Level: Bachelor and Master

T 4.53 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 24/25	1710451	Selected Topics of Communication in Architecture: Show Them What You Got. Convincing Design Presentation	2 SWS	Seminar / 🗣	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

Workload
120 hours

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 24/25, 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: 23 October 2024, 11:30 am
Deadline/Test: 19.03.2025
Number of Participants: max. 35

T 4.54 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

Events					
ST 2025	1720808	Selected Topics of Digital Design and Fabrication: Robotic Earth Reinforcement: Exploring digitally enabled hybrid construction with natural fiber reinforced earth (Dörstelmann)	4 SWS	Seminar / 🗣	Dörstelmann, Fuentes Quijano

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

Competence Certificate
Other examination requirements based on a final presentation.

Prerequisites
none

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

V Selected Topics of Digital Design and Fabrication: Robotic Earth Reinforcement: Exploring digitally enabled hybrid construction with natural fiber reinforced earth (Dörstelmann)

Seminar (S) On-Site

1720808, SS 2025, 4 SWS, Language: English, Open in study portal

Content
Exploring the potential of digitally enabled hybrid construction, this seminar merges the textile repertoire of natural fiber reinforcement with a robotic shot-earth process to develop fully recyclable and structural performant material systems. Participants will explore textile concepts for spatial fiber reinforcement for earth structures through digital design and hands-on experimentation and prototyping of full scale robotic fabrication processes in DDF´s Digital Construction Lab.

In close collaboration with the Institute for Advanced Architecture of Catalonia (IAAC) the seminar outcome will contribute to research in 3D-printed earth construction, and will be further explored in an autumn workshop in Barcelona, Spain.

First Meeting: By prior arrangement.

Place: DDF_Lab, Hardeckstraße 2a & Online.

Form: Individual work and teamwork.

Rhinoceros & Grasshopper basic skills are recommended but not required.

T 4.55 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					
WT 24/25	1710361	Selected Topcis of Fine Art: Life Drawing	4 SWS	Practice / 🗣	Globas
WT 24/25	1710364	Selected Topics of Fine Arts: Line and time, figure skating on paper plus	4 SWS	Practice / 🗣	Goetzmann
WT 24/25	1710365	Selected Topcis of Fine Art: round table: Building botanical experiments	4 SWS	Practice / 🗣	Craig, Schelble
WT 24/25	1710373	Selected Topics of Fine Arts: DEMOCRACY and ART for all	4 SWS	Practice / 🗣	Craig, Kranz
ST 2025	1710361	Selected Topics of Drawing: Nude Drawing	4 SWS	Practice / 🗣	Globas
ST 2025	1710362	Selected Topics of Fine Art: Line and Time, Figure Skating on Paper	4 SWS	Practice / 🗣	Goetzmann
ST 2025	1710364	Selected Topics of Fine Art: #Third spaces: Transformative forms of coming together	4 SWS	Practice / 🗣	Craig, Schelble

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

Workload
120 hours

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

V Selected Topcis of Fine Art: Life Drawing

1710361, WS 24/25, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

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: 24.10.2024 ; 6:15 PM ; 20.40 R204 Zeichensaal

Number of participants: 13 + 2 Erasmus

Submission/Exam:

V **Selected Topics of Fine Arts: Line and time, figure skating on paper plus** **Practice (Ü) On-Site**
1710364, WS 24/25, 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 open and omitted, which can bring a lightness to the design process. In "Line and Time, Figure Skating on Paper *plus*" 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. As an extension to the two-dimensional, we will also work with different materials, including ceramics. The three-dimensional, haptic and the two- dimensional drawing will interact in dialogue. 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 - 5:15 PM, 20.40 R204 BK Zeichensaal

First meeting : 22.10.2024 ; 2:00 PM ; 20.40 R204

Submission/Exam:

Number of participants: 13 + 2 Erasmus

V **Selected Topcis of Fine Art: round table: Building botanical experiments** **Practice (Ü) On-Site**
1710365, WS 24/25, 4 SWS, Language: German, Open in study portal

Content
The course "#round table: Building botanical experiments" deals with the approach of producing building elements with the help of living plants from an artistic perspective.The aim is to create a functional living architectural sculpture by exploring horticultural and constructive strategies. Both aesthetic and ecologically sustainable aspects are at the heart of the development of the architectural botanical designs. To this end, the creative possibilities and limits of sculptural-functional design will be explored in theory and tested in practice. The aim of the exercise is to stimulate creative, sustainable and interdisciplinary approaches. Individual dates may deviate from the regular dates by arrangement.

The course will be held in German, if required in German/English.

Supervision: Indra Schelble, academic assistant/ PhD student, Chair of Fine Arts (EKUT) in cooperation with Olaf Quantius, artist/ PhD student (University of Art Linz), Martin Reuter, Environmental Agency City of Rheinstetten,Katherina Fies, Environmental Agency Karlsruhe, Landschaftspflege Börsig

Venues: Drawing room, KIT wood workshop, Meriske West Rheinstettenalong the Daimler-Benz-Str.

Regular date: Friday, 10 am - 1 pm, 20.40 R204 Drawing room

1st meeting: 25.10.2024 , 10 a.m. possibly a building/planting week is planned

Number of participants: 10 Bachelor

Submission / examination: 07.02.2025

V **Selected Topics of Fine Arts: DEMOCRACY and ART for all** **Practice (Ü) On-Site**
1710373, WS 24/25, 4 SWS, Language: German/English, Open in study portal

Content
Under the title "doing democracy", the Montag Foundation is initiating a pilot project on the site of the former American Embassy Club on the banks of the Rhine in Bonn, which was built in 1951 and is now a listed building. Over the next few years, the OPEN EMBASSY FOR DEMOCRACY will be created here as a prototype for civil society engagement and as a living space for the revitalisation of democracy.

Participatory art, social design and playful architecture are to serve as inspiration for approaching the building, its history and the socio-political issues of the project using methods of artistic research. On this basis, both individual artistic works and projects for a summer school week in Bonn at the end of March 2025 will be developed together.

Mon, 2-5:15 pm - 1 pm, 21.10.2024

Room 204 / Drawing Room

Compulsory excursion to Bonn: 27.-28.10.2024

Submission/Exam: 24.02.2025

Number of Participants: 10 BA + 10 MA (kein Erasmus)

Language: german

V **Selected Topics of Drawing: Nude Drawing** **Practice (Ü) On-Site**
1710361, SS 2025, 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: 28.04.2025; 6:15 PM

Number of participants: 15 + 2 Erasmus

V **Selected Topics of Fine Art: Line and Time, Figure Skating on Paper** **Practice (Ü) On-Site**
1710362, SS 2025, 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 2:00 PM - 5:00 PM ;

First meeting: 29.04.2025 , 2:00 PM

Number of participants: 10 + 2 Erasmus

V **Selected Topics of Fine Art: #Third spaces: Transformative forms of coming together** **Practice (Ü) On-Site**
1710364, SS 2025, 4 SWS, Language: German, Open in study portal

Content
How to create an alive performative space? Which objects and components are neccessary for that process? In thenseminar #Third Spaces: Transformative Forms of Coming Together, the aim is to practically test artistic markers for the ‘third space’ of social coming together. Based on examples from relational art, we will explore various functionalelements that can support community and exchange. Taking ecological, artistic and socio-aesthetic criteria intoaccount, we will experiment with situations and environments to invite people to come together.

Room: KIT Building 20.40, Room 204 Drawing Room/ Meriske West, Rheinstetten / Art Academy Karlsruhe

Regular date Fridays: 09:45-13:00

Start of seminar: Friday, 25. 04. 2025, 10:00-13:00, 20.40, R204

Submission / examination: 25.07.2025, 10:00-12:00, Meriske West

Maximum 8 students

T 4.56 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					
WT 24/25	1710361	Selected Topcis of Fine Art: Life Drawing	4 SWS	Practice / 🗣	Globas
WT 24/25	1710364	Selected Topics of Fine Arts: Line and time, figure skating on paper plus	4 SWS	Practice / 🗣	Goetzmann
WT 24/25	1710365	Selected Topcis of Fine Art: round table: Building botanical experiments	4 SWS	Practice / 🗣	Craig, Schelble
WT 24/25	1710373	Selected Topics of Fine Arts: DEMOCRACY and ART for all	4 SWS	Practice / 🗣	Craig, Kranz
ST 2025	1710361	Selected Topics of Drawing: Nude Drawing	4 SWS	Practice / 🗣	Globas
ST 2025	1710362	Selected Topics of Fine Art: Line and Time, Figure Skating on Paper	4 SWS	Practice / 🗣	Goetzmann
ST 2025	1710364	Selected Topics of Fine Art: #Third spaces: Transformative forms of coming together	4 SWS	Practice / 🗣	Craig, Schelble

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

Workload
120 hours

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

V Selected Topcis of Fine Art: Life Drawing

1710361, WS 24/25, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

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: 24.10.2024 ; 6:15 PM ; 20.40 R204 Zeichensaal

Number of participants: 13 + 2 Erasmus

Submission/Exam:

V **Selected Topics of Fine Arts: Line and time, figure skating on paper plus** **Practice (Ü) On-Site**
1710364, WS 24/25, 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 open and omitted, which can bring a lightness to the design process. In "Line and Time, Figure Skating on Paper *plus*" 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. As an extension to the two-dimensional, we will also work with different materials, including ceramics. The three-dimensional, haptic and the two- dimensional drawing will interact in dialogue. 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 - 5:15 PM, 20.40 R204 BK Zeichensaal

First meeting : 22.10.2024 ; 2:00 PM ; 20.40 R204

Submission/Exam:

Number of participants: 13 + 2 Erasmus

V **Selected Topcis of Fine Art: round table: Building botanical experiments** **Practice (Ü) On-Site**
1710365, WS 24/25, 4 SWS, Language: German, Open in study portal

Content
The course "#round table: Building botanical experiments" deals with the approach of producing building elements with the help of living plants from an artistic perspective.The aim is to create a functional living architectural sculpture by exploring horticultural and constructive strategies. Both aesthetic and ecologically sustainable aspects are at the heart of the development of the architectural botanical designs. To this end, the creative possibilities and limits of sculptural-functional design will be explored in theory and tested in practice. The aim of the exercise is to stimulate creative, sustainable and interdisciplinary approaches. Individual dates may deviate from the regular dates by arrangement.

The course will be held in German, if required in German/English.

Supervision: Indra Schelble, academic assistant/ PhD student, Chair of Fine Arts (EKUT) in cooperation with Olaf Quantius, artist/ PhD student (University of Art Linz), Martin Reuter, Environmental Agency City of Rheinstetten,Katherina Fies, Environmental Agency Karlsruhe, Landschaftspflege Börsig

Venues: Drawing room, KIT wood workshop, Meriske West Rheinstettenalong the Daimler-Benz-Str.

Regular date: Friday, 10 am - 1 pm, 20.40 R204 Drawing room

1st meeting: 25.10.2024 , 10 a.m. possibly a building/planting week is planned

Number of participants: 10 Bachelor

Submission / examination: 07.02.2025

V **Selected Topics of Fine Arts: DEMOCRACY and ART for all** **Practice (Ü) On-Site**
1710373, WS 24/25, 4 SWS, Language: German/English, Open in study portal

Content
Under the title "doing democracy", the Montag Foundation is initiating a pilot project on the site of the former American Embassy Club on the banks of the Rhine in Bonn, which was built in 1951 and is now a listed building. Over the next few years, the OPEN EMBASSY FOR DEMOCRACY will be created here as a prototype for civil society engagement and as a living space for the revitalisation of democracy.

Participatory art, social design and playful architecture are to serve as inspiration for approaching the building, its history and the socio-political issues of the project using methods of artistic research. On this basis, both individual artistic works and projects for a summer school week in Bonn at the end of March 2025 will be developed together.

Mon, 2-5:15 pm - 1 pm, 21.10.2024

Room 204 / Drawing Room

Compulsory excursion to Bonn: 27.-28.10.2024

Submission/Exam: 24.02.2025

Number of Participants: 10 BA + 10 MA (kein Erasmus)

Language: german

V **Selected Topics of Drawing: Nude Drawing** **Practice (Ü) On-Site**
1710361, SS 2025, 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: 28.04.2025; 6:15 PM

Number of participants: 15 + 2 Erasmus

V **Selected Topics of Fine Art: Line and Time, Figure Skating on Paper** **Practice (Ü) On-Site**
1710362, SS 2025, 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 2:00 PM - 5:00 PM ;

First meeting: 29.04.2025 , 2:00 PM

Number of participants: 10 + 2 Erasmus

V **Selected Topics of Fine Art: #Third spaces: Transformative forms of coming together** **Practice (Ü) On-Site**
1710364, SS 2025, 4 SWS, Language: German, Open in study portal

Content
How to create an alive performative space? Which objects and components are neccessary for that process? In thenseminar #Third Spaces: Transformative Forms of Coming Together, the aim is to practically test artistic markers for the ‘third space’ of social coming together. Based on examples from relational art, we will explore various functionalelements that can support community and exchange. Taking ecological, artistic and socio-aesthetic criteria intoaccount, we will experiment with situations and environments to invite people to come together.

Room: KIT Building 20.40, Room 204 Drawing Room/ Meriske West, Rheinstetten / Art Academy Karlsruhe

Regular date Fridays: 09:45-13:00

Start of seminar: Friday, 25. 04. 2025, 10:00-13:00, 20.40, R204

Submission / examination: 25.07.2025, 10:00-12:00, Meriske West

Maximum 8 students

T 4.57 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

Workload
120 hours

T 4.58 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 2025	1720754	Selected Topics of Structural Design: Form and Structure	2 SWS	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

Workload
120 hours

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

V Selected Topics of Structural Design: Form and Structure

1720754, SS 2025, 2 SWS, Language: German/English, Open in study portal

Seminar (S)
On-Site

Content
In the seminar "Form and Structure" special topics within structural design, such as form finding, optimization and complex geometries 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 seminar, students will work individually or in groups of two, where they will be asked to develop a structure that demands both geometric and structural analysis, as well as considerations for its performative aspects. Previous knowledge in Rhino3D and Grasshopper is asked of the students.

First Meeting: 22.04.2025; 02:00 pm

Bldg. 20.40, R. 221

Regular meeting: Tuesday 02:00 pm – 03:30 pm

Hand-In: to be announced

Number of participants: 15

T 4.59 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

Workload
120 hours

T 4.60 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					
WT 24/25	1731157	Selected Topics of Urban Design: Metropol.X – Santiago de Chile	2 SWS	Seminar / 🗣	Engel, Staab, 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

Workload
120 hours

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

V Selected Topics of Urban Design: Metropol.X – Santiago de Chile

1731157, WS 24/25, 2 SWS, Language: English, Open in study portal

Seminar (S)
On-Site

Content
The metropolitan region around Santiago is home to almost half of the Chilean population. Although the seat of government is in Valparaiso, it is the undisputed political center of the country. Due to the rapid population development over the last 40 years, the city is exposed to massive problems of air and water pollution. The reason is infrastructural overload and industrial emissions in combination with the geographical basin location at the foot of the Andes. At the same time, urban development has created high levels of socioeconomic segregationI. n the seminar, selected aspects of the city will be mapped, critically evaluated and finally visualized. The result is an atlas of the contemporary urban landscape of Santiago de Chile.

Appointment: Tue 09:45–11:15 Uhr, 11.40, R 013

First Meeting: Tue 22.10.2024

Pin-up: Tue 03.12.2024

Presentation: Tue 04.02.2025

Submission: Tue 04.03.2025

Number of Participants: 12 (BA)

Groupwork: Teamwork

T 4.61 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					
WT 24/25	1731157	Selected Topics of Urban Design: Metropol.X – Santiago de Chile	2 SWS	Seminar / 🗣	Engel, Staab, 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

Workload
120 hours

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

V Selected Topics of Urban Design: Metropol.X – Santiago de Chile

1731157, WS 24/25, 2 SWS, Language: English, Open in study portal

Seminar (S)
On-Site

Content
The metropolitan region around Santiago is home to almost half of the Chilean population. Although the seat of government is in Valparaiso, it is the undisputed political center of the country. Due to the rapid population development over the last 40 years, the city is exposed to massive problems of air and water pollution. The reason is infrastructural overload and industrial emissions in combination with the geographical basin location at the foot of the Andes. At the same time, urban development has created high levels of socioeconomic segregationI. n the seminar, selected aspects of the city will be mapped, critically evaluated and finally visualized. The result is an atlas of the contemporary urban landscape of Santiago de Chile.

Appointment: Tue 09:45–11:15 Uhr, 11.40, R 013

First Meeting: Tue 22.10.2024

Pin-up: Tue 03.12.2024

Presentation: Tue 04.02.2025

Submission: Tue 04.03.2025

Number of Participants: 12 (BA)

Groupwork: Teamwork

T 4.62 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

Events					
WT 24/25	1710106	Selectet Topics of Building Studies and Design: KIT 200: Back-to-Back in Waldstadt	2 SWS	Seminar / 🗣	Frohn, Streicher
ST 2025	1710106	Selected Areas of Design Theory: >.xls	2 SWS	Seminar / 🗣	Frohn, Wasel
ST 2025	1710108	Selected Areas of Design Theory: Blue Banana	2 SWS	Seminar / 🗣	Frohn, Gernay, Mori

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

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

Workload
120 hours

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

V Selectet Topics of Building Studies and Design: KIT 200: Back-to-Back in Waldstadt

Seminar (S) On-Site

1710106, WS 24/25, 2 SWS, Language: German/English, Open in study portal

Content
To celebrate KIT's bicentenary in 2025, the institutes of the Faculty of Architecture have joined forces to mount a collective exhibition. The aim is to highlight the creatives interactions between the school and the city through the presentation of ten emblematic characters and projects.

Karl Segl is one of these key figures. He established a planetary architecture and put forward a vision in which the city and its architecture are seen as segments of this planetary whole. His ‘Waldstadt’ project and the ‘Back-to-Back’ typologies provide an important illustration of his approach which is particularly relevant in today´s discourse.

Participants will work as a team to conduct research and create visual representations thereof. They will constitute an important aspect of the exhibition. The output will be photographs, drawings and models, explaining the synergies that the project develops with its wider context.

Focus of Study: Architecture and Cultural Heritage

First appointment: 23.10.2024

Meeting: Weekly, every Wednesday from 11:30 till 13:00

Final review:

V Selected Areas of Design Theory: >.xls

Seminar (S) On-Site

1710106, SS 2025, 2 SWS, Language: German, Open in study portal

Content
Current real estate industry studies predict that up to 20% of all current office space in Germany will become obsolete in the medium term. This trend is already noticeable today. For the current year 2025, 7.87 million sqm of vacant office space is expected in the “Big7” cities.

As part of the seminar, we will use the city of Mannheim as an example to examine the specific architectural and urban development potential for the conversion of office space threatened by vacancy.

Our analyses reflect our basic understanding that the spreadsheets (.xls) usually created by the real estate industry to quantify the utilization potentials do not adequately express and make comprehensible the architectural and urban development potentials on which a successful conversion is based.

The seminar is part of the research project “Typological Resilience”.

The seminar is part of the research project “Typological Resilience”

Appointment: Wed, 11h30-13h
Submission: Thu, 17.07.25.

V **Selected Areas of Design Theory: Blue Banana** **Seminar (S) On-Site**
1710108, SS 2025, 2 SWS, Language: English, Open in study portal

Content
The Blue Banana, or ‘Greater Rhineland’, is the area where ‘the true heart of Europe beats’’, stretching over Benelux, parts of France, Germany, and Switzerland. It is a place of the European Union’s core regional economy, of centuries-old trade routes, a densely populated and highly urbanized area and a place where important institutions are located. Cities in this region, or their conglomerates, often act as nodes, within the broader system of networks of people, goods, capital, data, and species.

In the seminar we will investigate the Blue Banana focusing on the spaces and infrastructure of value creation. We will look at its past and recent history and connect it to the future prospects for development. Through mapping, we will underline different aspects of value creation in the region. The research will be conducted at a multitude of scales, from the global scale, through regional scale, to the scale of local realities, which will be consolidated in a series of maps.

Date will be announced online

wednesday 11:30-13:00

T 4.63 Course: Self Assignment HoC-FORUM-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
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Annotation
'Not assigned grades' can be assigned by the students themselves; titel and CP of the grades are taken over.

Workload
60 hours

T 4.64 Course: Self Assignment HoC-FORUM-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
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Annotation
'Not assigned grades' can be assigned by the students themselves; titel and CP of the grades are taken over.

Workload
60 hours

T 4.65 Course: Self Assignment HoC-FORUM-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
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Annotation
'Not assigned grades' can be assigned by the students themselves; titel and CP of the grades are taken over.

Workload
60 hours

T 4.66 Course: Self Assignment HoC-FORUM-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
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Annotation
'Not assigned grades' can be assigned by the students themselves; titel and CP of the grades are taken over.

Workload
60 hours

T 4.67 Course: Self Assignment HoC-FORUM-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
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Annotation
'Not assigned grades' can be assigned by the students themselves; titel and CP of the grades are taken over.

Workload
60 hours

T 4.68 Course: Self Assignment HoC-FORUM-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
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Annotation
'Not assigned grades' can be assigned by the students themselves; titel and CP of the grades are taken over.

Workload
60 hours

T 4.69 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 2025	1700033	Seminar Week: Small Scale Models – Digital Study Workshop	1 SWS	Block / 🗣	Jager
ST 2025	1700034	Seminar Week: Analogue and Black/White	1 SWS	Block / 🗣	Seeland
ST 2025	1710109	Seminar Week: Archival Bastards	2 SWS	Seminar / 🗣	Frohn, Streicher
ST 2025	1710206	Seminar Week: La Conquête du Soleil (Bru)	1 SWS	Block / 🗣	N.N., Zaparta
ST 2025	1710304	Seminar Week: Athens	2 SWS	Block / 🗣	Hartmann, Kadid, Coricelli, Vansteenkiste, Zucchello
ST 2025	1710360	Seminarweek: "furniture under the open sky"	2 SWS	Block / 🗣	Craig, Okujeni
ST 2025	1710412	Seminar week: Architecture on Display	1 SWS	Excursion (E / 🗣	Fankhänel
ST 2025	1710455	Seminar week: Concrete Communication: Berlin	1 SWS	Block / 🗣	Rambow
ST 2025	1720509	Seminar Week: Munich Reloaded (Wappner)	1 SWS	Block / 🗣	Wappner, Kochhan, Sadi
ST 2025	1720556	Seminar Week: Ultra circular (Klinge)	1 SWS	Block / 🗣	Klinge, Michalski, Weber
ST 2025	1720608	Seminarweek: Copenhagen - hygge and circular	1 SWS	Excursion (E / 🗣	Hebel, Yi, Boerman
ST 2025	1720651	Seminar Week: Building with straw - practical laboratory	1 SWS	Block / 🗣	Kaiser, Büchle, Erlewein
ST 2025	1720706	Seminarweek: BIM-Projects and Measurment	2 SWS	Block / 🗣	von Both, Sartorius, Schöner
ST 2025	1720761	Seminar Week: Digital Skins	1 SWS	Block / 🗣	La Magna, Dörstelmann, Fuentes Quijano, Andersson Largueche
ST 2025	1720810	Seminar week: RoboticWoodConstruction	1 SWS	Block / 🗣	Dörstelmann, La Magna, Fischer, Zanetti, Witt, Haußer
ST 2025	1720983	Seminar Week: Use your senses - subjective and objective evaluation of rooms		Block / 🗣	Wagner, Mann, Kaul
ST 2025	1731094	Seminarweek: Sun x Heritage Protection	1 SWS	Block / 🗣	Neppl, Zeile
ST 2025	1731199	Seminar Week: The Edible Unseen (Engel)	1 SWS	Block / 🗣	Engel, Lev, Staab
ST 2025	1731219	Seminar Week: The gardens of Suzhou	1 SWS	Block / 🗣	Schifferli, Romero Carnicero, Mühlbauer, Zuber
ST 2025	1731299	Seminarweek: Balearic Islands	1 SWS	Block / 🗣	Inderbitzin, Schork, von Zepelin

ST 2025	1741383	Excursion: Seminar Week: Granada. A Digital Survey of the Masterpieces of the Baroque	2 SWS	Block / 🗣	Medina Warmburg, Garrido
ST 2025	1741386	History of Architecture: Seminar week: Women in Construction	2 SWS	Block / 🗣	Stolz
ST 2025	1741389	Excursion: Seminar week: Natrual Stone	2 SWS	Block / 🗣	Brehm
ST 2025	1800025	Seminar Week: Graffiti in Karlsruhe	2 SWS	Block / 🗣	Papenbrock
ST 2025	1800028	Seminar Week: Nature Exploration	2 SWS	Block / 🗣	Lopez

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: Small Scale Models – Digital Study Workshop** **Block (B) On-Site**
1700033, SS 2025, 1 SWS, Language: German, Open in study portal

Content
The Small Scale Models seminar teaches basic modelling techniques and encourages the creative use of materials. The aim is to create detailed models in a maximum size of 150 × 150 × 150 mm, combining at least three different materials. Participants optimise their work processes, learn to better assess the level of detail and develop cutting files for precise results. They are also encouraged to introduce more colour into the design. Practical exercises and discussions in the seminar will help to develop effective strategies for modelling.

Date: 10.-13.06.2025

1st meeting: 10.06.2025 10:00 am

Costs: -

Number of participants: 8

V **Seminar Week: Analogue and Black/White** **Block (B) On-Site**
1700034, SS 2025, 1 SWS, Language: German, Open in study portal

Content
After a short introduction to the conditions and contexts of photography as well as the handling of the
handling of the cameras, we will go on a search for motifs and then develop the films according to type in our laboratory. Finally, we use the enlargers to produce black and white prints.

Appointment: 10.-13.06.2024

1st Meeting: 10.06.2024, 10:00 Uhr, Geb. 20.40, R-102

Costs: 15,00 Euro

Number of Participants: 6

V **Seminar Week: Archival Bastards** **Seminar (S) On-Site**
1710109, SS 2025, 2 SWS, Language: German/English, Open in study portal

Content
The seminar offers the opportunity to dive into the wealth of architectural knowledge stored at SAAI, making it accessible and meaningful as a trigger for your own design practice. Instead of following the usual silos of classification (by author, date or type), the seminar seeks to team archival material that was not destined to meet.

Focussing on single-family house typologies, you will work with a series of pre-selected sectional drawings of projects from a wide variety of architects and historical periods. Using different strategies of visual association such as exquisite corps, palimpsest and cut-up, you will bring together two of these seemingly unrelated drawings thereby creating your own architectural “single family bastard”.

Through this process of bastardization, the seminar explores a design methodology based on the fortuitous meeting of architectural antagonists. The result will be a series of three operative sectional line drawings, each of which is based on a specific approach to visual association.

Will your bastards be architectural compromises? Can they be read as a synthesis? Or will they embody a non-resolvable conflict between both sources?

DATES:

Di, 10.06.2025 _ 10:00 - 18:00

Mi, 11.06.2025 _ 10:00 - 18:00

Do, 12.06.2025 _ 10:00 - 18:00

Fr, 13.06.2025 _ 10:00 - 12:00

V

Seminar Week: La Conquête du Soleil (Bru)

1710206, SS 2025, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Summer is the season of revelation, making it possible to experience how light and heat affect us, both emotionally and physically. Summer also highlights several reactions to this light and heat: stimulation, protection, regulation. Summer-architecture will therefore be that which allows a whole range of arrangements, both conquering and protective, to continue to make this beautiful season come alive.

During the seminar week, the students will develop structures based on standardized elements from scaffolding construction, which will be set up in different locations in the summer and offer shade. in terms of efficiency and sufficiency in relation to sustainable construction methods, these objects can be quickly assembled and dismantled and reused elsewhere for a different function. Moving elements powered by sunlight are to be added to this fixed system. The movement creates cooling on the one hand and an attractor on the other, which serves as a point of interest and invites people to gather together.

The installations are conceived as hybrid types that allow several functions and levels of interpretation - they transform outdoor spaces, are places to linger and interact and are simultaneously sculptures that make the possible synergy of nature, technology and architecture visible, react to the overheating caused by climate change and point to it in a playful way.

Event format: On-Site
Maximum participants: 16
Schedule: 10.06 - 13.06.2025 All day
First Meeting: Tue, 10.06.2025 at 10 a.m., bldg. 20.40, room 113 seminar room GBL
Form: Teamwork
Submission/Presentation: 13.06.2025
Lecturers: Prof. Stéphanie Bru/Eleni Zaparta

V

Seminar Week: Athens

1710304, SS 2025, 2 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Our seminar trip will take us to Athens, where, in addition to visiting historical and contemporary buildings, the students will come into contact with many noteworthy contemporary architecture firms.

The video material from the visits and interviews will result in a collective final report in short films.

Language: English/German

Event Format: On-site

First Meeting and Presentation of the Program: 04.06.2025, 11h

Schedule: 10.06.2025–13.06.2025

Participation criteria: Open to all KIT affiliates

Form: Collective work

Deliverables: Short films (interviews+building recordings)

V

Seminarweek: "furniture under the open sky"

1710360, SS 2025, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
In this seminar, we will focus on street furniture and its role in the design of urban spaces. Street furniture includes elements such as benches, litter garbage cans, lighting and play equipment that are both functional and aesthetic.

We examine the functionality and design of street furniture and how it contributes to quality of life and promotes social interaction. Participants will conduct drawing research to develop a vocabulary of the different elements and connect them to urban places.

In the seminar, we explore city districts and analyze existing furniture. In daily feedback sessions, we exchange thoughts and sketches to promote innovative approaches to the design of urban spaces."

Meeting Piont on 10.06.2025 09:00 Zeichensaal, Building 20.40 Room 204

10.06.-13.06.2025 09:00-18:00

Organizational issues
10.06.-13.06.25 09:00-18:00 Uhr

V

Seminar week: Architecture on Display

1710412, SS 2025, 1 SWS, Language: German, Open in study portal

Excursion (EXK)
On-Site

Content
What counts as architecture in an archive? This year's Seminarwoche takes a close look at the large bequest of architectural children's books held at the saai and examines them as physical artifacts, as bearers of architectural meaning, and as exhibits to be displayed.

Students will gain insight into archival and preservation practices as well as participate in a guided design charrette intended to develop a display strategy for architecture books.

Focus of study: Architectural and Cultural Heritag

Seminarwoche will take place on 4 entire days 10.-13.6.
Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 20

V

Seminar week: Concrete Communication: Berlin

1710455, SS 2025, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

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.

You will have to organize your own travel to and from Berlin. We will make suggestions for accommodation. The walks should be documented photographically. A good cell phone camera is perfectly sufficient.

Cost (without travel, incl. Hostel, Tickets, subway etc.): approx. 300 euros

Block date: Tue 10.06.– Fri 13.06.2025, 9:00 am to 5:00 pm
1st meeting: Tue, 10.06.2025, 9:00 am, meeting point will be announced via ILIAS
Number of participants: 20

V

Seminar Week: Munich Reloaded (Wappner)

1720509, SS 2025, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
After fifteen years at KIT in Karlsruhe, this multi-day excursion to Munich and its surroundings marks the culmination of a close relationship between the professorship and both cities—their people, traditions, architectural heritage, and the qualities and distinct characteristics of the present.

Munich Reloaded aims to engage with the city's renewal and transformation, exploring various aspects and locations that reflect contemporary debates in architecture and urban planning. This provides an opportunity to experience and appreciate Munich's dynamic and forward-looking development firsthand.

The excursion offers diverse perspectives on the challenges and opportunities of continuous urban transformation through a detailed examination of urban spatial dimensions and architectural details, fostering an in-depth, on-site exchange of ideas.

Preliminary discussion with distribution of tasks by arrangement

11.06.2025 - 13.06.2025, excursion, full day

Location: München

Costs: approx. 250 €

Number of participants: 10 places Bachelor, 10 places Master

V **Seminar Week: Ultra circular (Klinge)** **Block (B)** **On-Site**
1720556, SS 2025, 1 SWS, Language: German/English, Open in study portal

Content
During the four-day workshop at the faculty, everything revolves around sustainable working with reclaimed wood and earth building techniques. Participants will learn how to design and produce reversible timber joints from reclaimed wood, with the material being processed and cleaned of pollutants beforehand. This is supplemented by an intensive rammed earth workshop. The focus is on practical implementation and working in the wood workshop, supplemented by theoretical introductions and safety instructions.

Period: 10.06.2025 - 13.06.2025 all day

Location: Karlsruhe

Number of participants: 20 Places Bachelor / Master

V **Seminarweek: Copenhagen - hygge and circular** **Excursion (EXK)** **On-Site**
1720608, SS 2025, 1 SWS, Language: German/English, Open in study portal

Content
We are travelling to Copenhagen by train to explore how Denmark has managed to become the most successful protagonist of sustainable construction in Europe, using the example of the northern European metropolis. We want to learn from it.

By visiting innovative pioneering projects – by Lendager, EFFEKT, C.F. Moeller and others - we are made aware of a climate-resilient citie´s potential, concepts of circular construction and intelligent approaches to CO2 balancing.

Academic guest lectures will provide us with state oft he art insights and Exploring the concept of *Hygge* will complete the program of our academic journey.

Travel Budget: 500 – 750 Euro

First Meeting: 15.05.2025, 14:00 Uhr, Geb. 11.40 Raum 26
Excursion: 09.06. – 14.06.2025

Organizational issues

V **Seminar Week: Building with straw - practical laboratory** **Block (B)** **On-Site**
1720651, SS 2025, 1 SWS, Language: German, Open in study portal

Content
In this practical workshop, you will have the opportunity to experience straw bale construction up close. During the 4-day excursion, including overnight stays at Lake Constance, we will visit selected contemporary straw bale construction projects in southern Germany and Switzerland. Local architects will guide you through realized buildings and ongoing construction sites, providing practical insights into the material usage. At the Zimmerei Grünspecht (Freiburg), you will apply your newly acquired knowledge in practice. In our workshop, you will learn, under the guidance of earth builders and master carpenters, how to properly construct a straw wall, apply clay plaster, and cut straw bales.

Cooperation partners: Zimmerei Grünspecht

First Meeting: We. 23.04.2025, 13:00 - 14:00Uhr Room: TBA

Number of Participants: 25 Bachelor/Master

Focus of study: (Building Technology)

Event format: Excursion, Workshop

Cost per student: approx. €350–400 (incl. travel, accommodation, and material costs)

Organizational issues
Seminarwoche: 10-13 Juni 2025

V **Seminarweek: BIM-Projects and Measurment** **Block (B) On-Site**
1720706, SS 2025, 2 SWS, Language: German/English, Open in study portal

Content
Accurate quantity calculation plays a central role in construction projects as it forms the basis for cost estimation, material procurement, and scheduling. Traditionally, this process has been time- and labor-intensive, requiring manual measurements and calculations that are prone to errors. Building Information Modeling (BIM) streamlines this practice by offering a digital, integrated approach to the planning, construction, and management of construction projects. With the use of BIM, quantities can be automatically and precisely derived from digital models, and they can be kept up-to-date even with floor plan changes.
Learn how to create quantity measurement Lists in ArchiCAD. No prior knowledge of ArchiCAD is required.

Prerequisites for participation: Participants must have a laptop with the ARCHICAD Student version installed.

The seminar includes lectures and hands-on exercises.

Workshop:10.-13.06.2025, Start 09:00 a.m., all day long, in Presence," Grüne Grotte"

Number of participants: 20

Organizational issues
10.-13.06.2025 ab 09:00 Uhr, Ganztätig

V **Seminar Week: Digital Skins** **Block (B) On-Site**
1720761, SS 2025, 1 SWS, Language: German/English, Open in study portal

Content
Digital Skins offers an in-depth exploration of digital tools and computational strategies for the geometrical processing and patterning of surfaces. The seminar, a joint collaboration between Design of Structures (dos) and Digital Design and Fabrication (DDF), will delve into the use of computational tools through scripts and definitions that will be developed during the course to manipulate mesh and NURBS objects by creating bespoke structural and ornamental patterns. The outcome of the explorations will be implemented into high-end animations as well as 3d-printed test-objects. Knowledge of Rhino and Grasshopper is welcome but not compulsory.

First Meeting: TBA

Bldg. 20.40, R tba

Submission/Exam: Fri, 13.06.2025

Number of Participants: 20

V **Seminar week: RoboticWoodConstruction**
1720810, SS 2025, 1 SWS, Language: German/English, Open in study portal
Block (B)
On-Site

Content
As part of *DasFest2025*, a large-scale 1:1 visitor pavilion will be built to showcase digital circular construction while serving as a venue for discussions on climate-related topics. The pavilion will then be reused for events in Karlsruhe such as *Schlosslichtspiele*.

RoboticWoodConstruction explores the intersection of digital design and robotic fabrication, focusing on reusing residual and waste wood. By leveraging computational models and digital building technology, discarded wood is transformed into a resource-efficient, circular building material for structural components.

During this dedicated *construction week*, students will engage in hands-on assembly and construction of the pavilion, gaining insights into woodworking, digital tools, and automated robotic woodnailing and doweling.

10.06. - 13.06.2025

Number of Participants: 20

Place: DDF_Lab, Hardeckstraße 2a

No prior knowledge is required.

V **Seminar Week: Use your senses - subjective and objective evaluation of rooms**
1720983, SS 2025, SWS, Language: German, Open in study portal
Block (B)
On-Site

Content
How do we perceive rooms and how can we design comfortable rooms? The seminar starts by looking at the key factors of indoor climate – thermal, olfactory, visual, auditory – influencing comfort. In addition, questions of perception, assessment and the associated evaluation criteria will be discussed. With the help of measuring devices and a questionnaire, the students then carry out their own investigations of rooms in Karlsruhe. The results will be discussed on the basis of the evaluated data - in particular whether and how the rooms meet the needs and expectations of users in terms of comfort. The aim is to gain insights for the design of comfortable rooms.

Seminar Week: 10.06.2025 until 13.06.2025 R.240

First Appointment: 10.06.2025 10:00 AM

Exam: 13.06.2025

Places: 9 bachelor, 7 master

V **Seminarweek: Sun x Heritage Protection**
1731094, SS 2025, 1 SWS, Language: German, Open in study portal
Block (B)
On-Site

Content
How much solar energy can the historic city centre absorb without the listed buildings catching their breath? During our seminar week in Landsberg am Lech, we will scrutinise the balancing act between the energy transition and aesthetics. With on-site excursions, digital tools and real experts, we will apply a tried-and-tested process to find innovative solar solutions for historic roofs. The goal is a city that fills up with sunshine without losing its face. Together with the Landsberg am Lech town planning office and the Bavarian State Office for Monument Preservation. We test, model, photograph, discuss and visit.

Seminar Week: 10.-13.06.2025

First meeting: 10.06.2025, Landsberg

Excursion: 10.-12.06.2025 to Landsberg am Lech

Exam performance: documentation

Cost: None (costs for travel and accommodation to / in Landsberg will be covered), arrival by train, on site by minibus

Number of Participants: 18

V **Seminar Week: The Edible Unseen (Engel)**
1731199, SS 2025, 1 SWS, Language: German/English, Open in study portal
Block (B)
On-Site

Content
What does it mean to live in an *Edible City?* How can we make hidden squares visible? We aim to explore these two questions in depth during this seminar week. In collaboration with *Junge Architektur Karlsruhe* and *Urbane Gärten*, we will develop design concepts for selected spaces in Karlsruhe that often evade our attention and physical presence. These hidden spaces will be examined and analyzed under the *Edible City* overarching idea and then transformed into experimental fields. The goal is to draw attention to some of the less noticeable areas of Karlsruhe and to engage in dialogue with residents about their potential future. The outcomes of our seminar will be realized as part of the *Architektur Zeit 2026.*

Blockdate: Tue 10.- Fri 13.06.2025, 11.40 R013

First Meeting: Tue 10.06.2025, 9:30 am, 11.40 R013

Submission/Exam: Fri 13.06.2025

Number of Participants: 20

V **Seminar Week: The gardens of Suzhou** **Block (B) On-Site**
1731219, SS 2025, 1 SWS, Language: German/English, Open in study portal

Content
The inspiration for the gardens of Suzhou extends far beyond the city limits and finds its origins in the imposing landscape of the Huangshan Mountains. The characteristic rock formations, the misty mountain ranges and the centuries-old pine trees of Huangshan have been immortalized in Chinese artworks, calligraphy and literary writings for generations. These impressive images of nature served as an authoritative reference for garden masters and shaped the conception of their artificially created landscapes.

The gardens of Suzhou, some of which have existed for over 1100 years, are among the oldest surviving examples of traditional Chinese garden art. They are important testimonies to a culture characterized by a profound philosophical connection between man and nature. Their design principles are based on the balance between nature and artifact - a synthesis of primordial growth and abstraction that is essential to the Chinese understanding of aesthetics and harmony.

During the seminar trip to Suzhou, China, we will approach garden culture through its archetypal landscape ideals. We will visit the oldest preserved gardens in the world in order to explore their cultural, ideological and philosophical significance on site.

Participation entirely in English should be possible.

Block date: 07.06.2025 - 15.06.2025

Seminar basar: 14.4.2025

Registration deadline and travel information event: 16.4.2025 17.00 (Geb.11.40, R 126)

Costs: 1.150,00

Number of Participants: 15 (Bachelor: 10; Master:5)

V **Seminarweek: Balearic Islands** **Block (B) On-Site**
1731299, SS 2025, 1 SWS, Language: German/English, Open in study portal

Content
During the seminar week we will sail around the Balearic Islands with Majorca, Minorca and Ibiza. 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, which equally characterize the architecture and mentality of this cultural area. Off the beaten tourist track, you will find exceptional historic and contemporary buildings. In the evenings we will dock in ports or anchor on the coast to cook, eat and sleep together on board the ships.

Travel dates: 7.6.-14.6.2025

Introduction meeting: will be announced

Costs: approx. 600 Euro (excl. individual arrival)

Number of Participants: 15

V **Excursion: Seminar Week: Granada. A Digital Survey of the Masterpieces of the Baroque** **Block (B) On-Site**
1741383, SS 2025, 2 SWS, Language: German, Open in study portal

Content
The geometry of the Sanctuary of the Cartuja de Granada, designed by Francisco Hurtado Izquierdo, shows a masterful manipulation of space through a carefully orchestrated interplay of surfaces and volumes. This masterpiece of Spanish Baroque combines intricate geometric complexity with an expressive use of materials.
The excursion aims to explore some of Hurtado Izquierdo's works in Granada, documenting and deepening the innovative geometric sophistication of his pioneering designs using 3D scanning technology. Other works from the Baroque period will also be visited.

Travel and accommodation must be organized by the participants themselves. Costs approx. 800 €

Date: Preliminary meeting Tue 22.04.2025 17:30-18:30, Building and Architectural History Library, Building 20.40, R 015

Number of participants: 12

Study focus: Architectural and cultural heritage

V History of Architecture: Seminar week: Women in Construction

1741386, SS 2025, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
The seminar 'Women in Construction' is dedicated to female architects, civil engineers, urban planners and designers who have received too little attention in research to date. During the project week, we will take an in-depth look at the biographies and works of women from different areas of the construction industry from the end of the 19th century to the 21st century and analyse their work, taking into account the historical context. A visit to the saai is also planned for this week in order to be able to work with original sources. In addition to regular attendance and participation, students are expected to give a presentation and prepare a report.

1.Meeting: Tue 10.06.2025, 09:30 am, Bldg. 20.40, R 015

Number of Participants: 20

Focus of study: Architectural and Cultural Heritage

Organizational issues
Seminarwoche: 10.06.2025-13.06.2025

V Excursion: Seminar week: Natrual Stone

1741389, SS 2025, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
Natural stone has been a well used building material in southern Germany for centuries. Even the Romans worked with this material in large quantities. Even today, the qualities of natural stone are valued in architecture. The material is robust, reusable and has a good carbon footprint. The variety of natural colors and possible surface finishes allows for exciting design possibilities.

The field trip provides an overview of natural stone quarrying and use from antiquity through the Middle Ages to the present day. We are hiking to a Roman quarry, a medieval quarry and quarries that are still in operation. We will also visit buildings from antiquity, the Middle Ages and the present day.

1st meeting: Tue 10.06.2025, 9:00 am, parking lot behind the Faculty of Architecture, Englerstraße 7

Number of participants: 4 Bachelor, 4 Master (limited transportation places, it is possible to organize your own transport to the excursion sites).

Costs: 60 euros per person, plus meals

Please bring: sturdy shoes, robust clothing, fitness

Study focus: Architectural and cultural heritage

V Seminar Week: Graffiti in Karlsruhe

1800025, SS 2025, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

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: 10.6. to 13.6.2025

Exam: 13.6.2025

Places: 20

Organizational issues
10. - 13. Juni 2025

V **Seminar Week: Nature Exploration** **Block (B)**
1800028, SS 2025, 2 SWS, Language: German, Open in study portal **On-Site**

Content
The practical course “Nature Exploration” during the seminar week focuses on the perception and artistic reflection of nature in urban spaces. Plants serve as indicators of local and climatic changes and tell “green narratives”. These form the basis for art historical and artistic research. Differences between scientific and artistic work are highlighted: While science takes an analytical and data-based approach, artistic research is subjective and experimental.
The practical course combines theory and practice of artistic creation – from exploring the topic and developing one's own approach to the visual realization (e.g. photography, drawing, installation, text). It also examines how the perception and communication of artworks is influenced by being part of the creation process. The aim is to creatively and reflectively shape the connection between nature, art and urban space.

Seminar week: 10.6. to 13.6.2025

Exam: 13.6.2025

Places: 20

Organizational issues
Seminarwoche: 10. - 13. Juni 2025

T 4.70 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 2025	1700033	Seminar Week: Small Scale Models – Digital Study Workshop	1 SWS	Block / 🗣	Jager
ST 2025	1700034	Seminar Week: Analogue and Black/White	1 SWS	Block / 🗣	Seeland
ST 2025	1710109	Seminar Week: Archival Bastards	2 SWS	Seminar / 🗣	Frohn, Streicher
ST 2025	1710206	Seminar Week: La Conquête du Soleil (Bru)	1 SWS	Block / 🗣	N.N., Zaparta
ST 2025	1710304	Seminar Week: Athens	2 SWS	Block / 🗣	Hartmann, Kadid, Coricelli, Vansteenkiste, Zucchello
ST 2025	1710360	Seminarweek: "furniture under the open sky"	2 SWS	Block / 🗣	Craig, Okujeni
ST 2025	1710412	Seminar week: Architecture on Display	1 SWS	Excursion (E / 🗣	Fankhänel
ST 2025	1710455	Seminar week: Concrete Communication: Berlin	1 SWS	Block / 🗣	Rambow
ST 2025	1720509	Seminar Week: Munich Reloaded (Wappner)	1 SWS	Block / 🗣	Wappner, Kochhan, Sadi
ST 2025	1720556	Seminar Week: Ultra circular (Klinge)	1 SWS	Block / 🗣	Klinge, Michalski, Weber
ST 2025	1720608	Seminarweek: Copenhagen - hygge and circular	1 SWS	Excursion (E / 🗣	Hebel, Yi, Boerman
ST 2025	1720651	Seminar Week: Building with straw - practical laboratory	1 SWS	Block / 🗣	Kaiser, Büchle, Erlewein
ST 2025	1720706	Seminarweek: BIM-Projects and Measurment	2 SWS	Block / 🗣	von Both, Sartorius, Schöner
ST 2025	1720761	Seminar Week: Digital Skins	1 SWS	Block / 🗣	La Magna, Dörstelmann, Fuentes Quijano, Andersson Largueche
ST 2025	1720810	Seminar week: RoboticWoodConstruction	1 SWS	Block / 🗣	Dörstelmann, La Magna, Fischer, Zanetti, Witt, Haußer
ST 2025	1720983	Seminar Week: Use your senses - subjective and objective evaluation of rooms		Block / 🗣	Wagner, Mann, Kaul
ST 2025	1731094	Seminarweek: Sun x Heritage Protection	1 SWS	Block / 🗣	Neppl, Zeile
ST 2025	1731199	Seminar Week: The Edible Unseen (Engel)	1 SWS	Block / 🗣	Engel, Lev, Staab
ST 2025	1731219	Seminar Week: The gardens of Suzhou	1 SWS	Block / 🗣	Schifferli, Romero Carnicero, Mühlbauer, Zuber
ST 2025	1731299	Seminarweek: Balearic Islands	1 SWS	Block / 🗣	Inderbitzin, Schork, von Zepelin

ST 2025	1741383	Excursion: Seminar Week: Granada. A Digital Survey of the Masterpieces of the Baroque	2 SWS	Block / 🗣	Medina Warmburg, Garrido
ST 2025	1741386	History of Architecture: Seminar week: Women in Construction	2 SWS	Block / 🗣	Stolz
ST 2025	1741389	Excursion: Seminar week: Natrual Stone	2 SWS	Block / 🗣	Brehm
ST 2025	1800025	Seminar Week: Graffiti in Karlsruhe	2 SWS	Block / 🗣	Papenbrock
ST 2025	1800028	Seminar Week: Nature Exploration	2 SWS	Block / 🗣	Lopez

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: Small Scale Models – Digital Study Workshop** **Block (B) On-Site**
1700033, SS 2025, 1 SWS, Language: German, Open in study portal

Content
The Small Scale Models seminar teaches basic modelling techniques and encourages the creative use of materials. The aim is to create detailed models in a maximum size of 150 × 150 × 150 mm, combining at least three different materials. Participants optimise their work processes, learn to better assess the level of detail and develop cutting files for precise results. They are also encouraged to introduce more colour into the design. Practical exercises and discussions in the seminar will help to develop effective strategies for modelling.

Date: 10.-13.06.2025

1st meeting: 10.06.2025 10:00 am

Costs: -

Number of participants: 8

V **Seminar Week: Analogue and Black/White** **Block (B) On-Site**
1700034, SS 2025, 1 SWS, Language: German, Open in study portal

Content
After a short introduction to the conditions and contexts of photography as well as the handling of the
handling of the cameras, we will go on a search for motifs and then develop the films according to type in our laboratory. Finally, we use the enlargers to produce black and white prints.

Appointment: 10.-13.06.2024

1st Meeting: 10.06.2024, 10:00 Uhr, Geb. 20.40, R-102

Costs: 15,00 Euro

Number of Participants: 6

V **Seminar Week: Archival Bastards** **Seminar (S) On-Site**
1710109, SS 2025, 2 SWS, Language: German/English, Open in study portal

Content
The seminar offers the opportunity to dive into the wealth of architectural knowledge stored at SAAI, making it accessible and meaningful as a trigger for your own design practice. Instead of following the usual silos of classification (by author, date or type), the seminar seeks to team archival material that was not destined to meet.

Focussing on single-family house typologies, you will work with a series of pre-selected sectional drawings of projects from a wide variety of architects and historical periods. Using different strategies of visual association such as exquisite corps, palimpsest and cut-up, you will bring together two of these seemingly unrelated drawings thereby creating your own architectural “single family bastard”.

Through this process of bastardization, the seminar explores a design methodology based on the fortuitous meeting of architectural antagonists. The result will be a series of three operative sectional line drawings, each of which is based on a specific approach to visual association.

Will your bastards be architectural compromises? Can they be read as a synthesis? Or will they embody a non-resolvable conflict between both sources?

DATES:

Di, 10.06.2025 _ 10:00 - 18:00

Mi, 11.06.2025 _ 10:00 - 18:00

Do, 12.06.2025 _ 10:00 - 18:00

Fr, 13.06.2025 _ 10:00 - 12:00

V

Seminar Week: La Conquête du Soleil (Bru)

1710206, SS 2025, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Summer is the season of revelation, making it possible to experience how light and heat affect us, both emotionally and physically. Summer also highlights several reactions to this light and heat: stimulation, protection, regulation. Summer-architecture will therefore be that which allows a whole range of arrangements, both conquering and protective, to continue to make this beautiful season come alive.

During the seminar week, the students will develop structures based on standardized elements from scaffolding construction, which will be set up in different locations in the summer and offer shade. in terms of efficiency and sufficiency in relation to sustainable construction methods, these objects can be quickly assembled and dismantled and reused elsewhere for a different function. Moving elements powered by sunlight are to be added to this fixed system. The movement creates cooling on the one hand and an attractor on the other, which serves as a point of interest and invites people to gather together.

The installations are conceived as hybrid types that allow several functions and levels of interpretation - they transform outdoor spaces, are places to linger and interact and are simultaneously sculptures that make the possible synergy of nature, technology and architecture visible, react to the overheating caused by climate change and point to it in a playful way.

Event format: On-Site
Maximum participants: 16
Schedule: 10.06 - 13.06.2025 All day
First Meeting: Tue, 10.06.2025 at 10 a.m., bldg. 20.40, room 113 seminar room GBL
Form: Teamwork
Submission/Presentation: 13.06.2025
Lecturers: Prof. Stéphanie Bru/Eleni Zaparta

V

Seminar Week: Athens

1710304, SS 2025, 2 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Our seminar trip will take us to Athens, where, in addition to visiting historical and contemporary buildings, the students will come into contact with many noteworthy contemporary architecture firms.

The video material from the visits and interviews will result in a collective final report in short films.

Language: English/German

Event Format: On-site

First Meeting and Presentation of the Program: 04.06.2025, 11h

Schedule: 10.06.2025–13.06.2025

Participation criteria: Open to all KIT affiliates

Form: Collective work

Deliverables: Short films (interviews+building recordings)

V

Seminarweek: "furniture under the open sky"

1710360, SS 2025, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
In this seminar, we will focus on street furniture and its role in the design of urban spaces. Street furniture includes elements such as benches, litter garbage cans, lighting and play equipment that are both functional and aesthetic.

We examine the functionality and design of street furniture and how it contributes to quality of life and promotes social interaction. Participants will conduct drawing research to develop a vocabulary of the different elements and connect them to urban places.

In the seminar, we explore city districts and analyze existing furniture. In daily feedback sessions, we exchange thoughts and sketches to promote innovative approaches to the design of urban spaces."

Meeting Piont on 10.06.2025 09:00 Zeichensaal, Building 20.40 Room 204

10.06.-13.06.2025 09:00-18:00

Organizational issues
10.06.-13.06.25 09:00-18:00 Uhr

V

Seminar week: Architecture on Display

1710412, SS 2025, 1 SWS, Language: German, Open in study portal

Excursion (EXK)
On-Site

Content
What counts as architecture in an archive? This year's Seminarwoche takes a close look at the large bequest of architectural children's books held at the saai and examines them as physical artifacts, as bearers of architectural meaning, and as exhibits to be displayed.

Students will gain insight into archival and preservation practices as well as participate in a guided design charrette intended to develop a display strategy for architecture books.

Focus of study: Architectural and Cultural Heritag

Seminarwoche will take place on 4 entire days 10.-13.6.
Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 20

V

Seminar week: Concrete Communication: Berlin

1710455, SS 2025, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

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.

You will have to organize your own travel to and from Berlin. We will make suggestions for accommodation. The walks should be documented photographically. A good cell phone camera is perfectly sufficient.

Cost (without travel, incl. Hostel, Tickets, subway etc.): approx. 300 euros

Block date: Tue 10.06.– Fri 13.06.2025, 9:00 am to 5:00 pm
1st meeting: Tue, 10.06.2025, 9:00 am, meeting point will be announced via ILIAS
Number of participants: 20

V

Seminar Week: Munich Reloaded (Wappner)

1720509, SS 2025, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
After fifteen years at KIT in Karlsruhe, this multi-day excursion to Munich and its surroundings marks the culmination of a close relationship between the professorship and both cities—their people, traditions, architectural heritage, and the qualities and distinct characteristics of the present.

Munich Reloaded aims to engage with the city's renewal and transformation, exploring various aspects and locations that reflect contemporary debates in architecture and urban planning. This provides an opportunity to experience and appreciate Munich's dynamic and forward-looking development firsthand.

The excursion offers diverse perspectives on the challenges and opportunities of continuous urban transformation through a detailed examination of urban spatial dimensions and architectural details, fostering an in-depth, on-site exchange of ideas.

Preliminary discussion with distribution of tasks by arrangement

11.06.2025 - 13.06.2025, excursion, full day

Location: München

Costs: approx. 250 €

Number of participants: 10 places Bachelor, 10 places Master

V **Seminar Week: Ultra circular (Klinge)** **Block (B)** **On-Site**
1720556, SS 2025, 1 SWS, Language: German/English, Open in study portal

Content
During the four-day workshop at the faculty, everything revolves around sustainable working with reclaimed wood and earth building techniques. Participants will learn how to design and produce reversible timber joints from reclaimed wood, with the material being processed and cleaned of pollutants beforehand. This is supplemented by an intensive rammed earth workshop. The focus is on practical implementation and working in the wood workshop, supplemented by theoretical introductions and safety instructions.

Period: 10.06.2025 - 13.06.2025 all day

Location: Karlsruhe

Number of participants: 20 Places Bachelor / Master

V **Seminarweek: Copenhagen - hygge and circular** **Excursion (EXK)** **On-Site**
1720608, SS 2025, 1 SWS, Language: German/English, Open in study portal

Content
We are travelling to Copenhagen by train to explore how Denmark has managed to become the most successful protagonist of sustainable construction in Europe, using the example of the northern European metropolis. We want to learn from it.

By visiting innovative pioneering projects – by Lendager, EFFEKT, C.F. Moeller and others - we are made aware of a climate-resilient citie´s potential, concepts of circular construction and intelligent approaches to CO2 balancing.

Academic guest lectures will provide us with state oft he art insights and Exploring the concept of *Hygge* will complete the program of our academic journey.

Travel Budget: 500 – 750 Euro

First Meeting: 15.05.2025, 14:00 Uhr, Geb. 11.40 Raum 26
Excursion: 09.06. – 14.06.2025

Organizational issues

V **Seminar Week: Building with straw - practical laboratory** **Block (B)** **On-Site**
1720651, SS 2025, 1 SWS, Language: German, Open in study portal

Content
In this practical workshop, you will have the opportunity to experience straw bale construction up close. During the 4-day excursion, including overnight stays at Lake Constance, we will visit selected contemporary straw bale construction projects in southern Germany and Switzerland. Local architects will guide you through realized buildings and ongoing construction sites, providing practical insights into the material usage. At the Zimmerei Grünspecht (Freiburg), you will apply your newly acquired knowledge in practice. In our workshop, you will learn, under the guidance of earth builders and master carpenters, how to properly construct a straw wall, apply clay plaster, and cut straw bales.

Cooperation partners: Zimmerei Grünspecht

First Meeting: We. 23.04.2025, 13:00 - 14:00Uhr Room: TBA

Number of Participants: 25 Bachelor/Master

Focus of study: (Building Technology)

Event format: Excursion, Workshop

Cost per student: approx. €350–400 (incl. travel, accommodation, and material costs)

Organizational issues
Seminarwoche: 10-13 Juni 2025

V **Seminarweek: BIM-Projects and Measurment** **Block (B) On-Site**
1720706, SS 2025, 2 SWS, Language: German/English, Open in study portal

Content
Accurate quantity calculation plays a central role in construction projects as it forms the basis for cost estimation, material procurement, and scheduling. Traditionally, this process has been time- and labor-intensive, requiring manual measurements and calculations that are prone to errors. Building Information Modeling (BIM) streamlines this practice by offering a digital, integrated approach to the planning, construction, and management of construction projects. With the use of BIM, quantities can be automatically and precisely derived from digital models, and they can be kept up-to-date even with floor plan changes.
Learn how to create quantity measurement Lists in ArchiCAD. No prior knowledge of ArchiCAD is required.

Prerequisites for participation: Participants must have a laptop with the ARCHICAD Student version installed.

The seminar includes lectures and hands-on exercises.

Workshop:10.-13.06.2025, Start 09:00 a.m., all day long, in Presence," Grüne Grotte"

Number of participants: 20

Organizational issues
10.-13.06.2025 ab 09:00 Uhr, Ganztätig

V **Seminar Week: Digital Skins** **Block (B) On-Site**
1720761, SS 2025, 1 SWS, Language: German/English, Open in study portal

Content
Digital Skins offers an in-depth exploration of digital tools and computational strategies for the geometrical processing and patterning of surfaces. The seminar, a joint collaboration between Design of Structures (dos) and Digital Design and Fabrication (DDF), will delve into the use of computational tools through scripts and definitions that will be developed during the course to manipulate mesh and NURBS objects by creating bespoke structural and ornamental patterns. The outcome of the explorations will be implemented into high-end animations as well as 3d-printed test-objects. Knowledge of Rhino and Grasshopper is welcome but not compulsory.

First Meeting: TBA

Bldg. 20.40, R tba

Submission/Exam: Fri, 13.06.2025

Number of Participants: 20

V **Seminar week: RoboticWoodConstruction**
1720810, SS 2025, 1 SWS, Language: German/English, Open in study portal
Block (B)
On-Site

Content
As part of *DasFest2025*, a large-scale 1:1 visitor pavilion will be built to showcase digital circular construction while serving as a venue for discussions on climate-related topics. The pavilion will then be reused for events in Karlsruhe such as *Schlosslichtspiele*.

RoboticWoodConstruction explores the intersection of digital design and robotic fabrication, focusing on reusing residual and waste wood. By leveraging computational models and digital building technology, discarded wood is transformed into a resource-efficient, circular building material for structural components.

During this dedicated *construction week*, students will engage in hands-on assembly and construction of the pavilion, gaining insights into woodworking, digital tools, and automated robotic woodnailing and doweling.

10.06. - 13.06.2025

Number of Participants: 20

Place: DDF_Lab, Hardeckstraße 2a

No prior knowledge is required.

V **Seminar Week: Use your senses - subjective and objective evaluation of rooms**
1720983, SS 2025, SWS, Language: German, Open in study portal
Block (B)
On-Site

Content
How do we perceive rooms and how can we design comfortable rooms? The seminar starts by looking at the key factors of indoor climate – thermal, olfactory, visual, auditory – influencing comfort. In addition, questions of perception, assessment and the associated evaluation criteria will be discussed. With the help of measuring devices and a questionnaire, the students then carry out their own investigations of rooms in Karlsruhe. The results will be discussed on the basis of the evaluated data - in particular whether and how the rooms meet the needs and expectations of users in terms of comfort. The aim is to gain insights for the design of comfortable rooms.

Seminar Week: 10.06.2025 until 13.06.2025 R.240

First Appointment: 10.06.2025 10:00 AM

Exam: 13.06.2025

Places: 9 bachelor, 7 master

V **Seminarweek: Sun x Heritage Protection**
1731094, SS 2025, 1 SWS, Language: German, Open in study portal
Block (B)
On-Site

Content
How much solar energy can the historic city centre absorb without the listed buildings catching their breath? During our seminar week in Landsberg am Lech, we will scrutinise the balancing act between the energy transition and aesthetics. With on-site excursions, digital tools and real experts, we will apply a tried-and-tested process to find innovative solar solutions for historic roofs. The goal is a city that fills up with sunshine without losing its face. Together with the Landsberg am Lech town planning office and the Bavarian State Office for Monument Preservation. We test, model, photograph, discuss and visit.

Seminar Week: 10.-13.06.2025

First meeting: 10.06.2025, Landsberg

Excursion: 10.-12.06.2025 to Landsberg am Lech

Exam performance: documentation

Cost: None (costs for travel and accommodation to / in Landsberg will be covered), arrival by train, on site by minibus

Number of Participants: 18

V **Seminar Week: The Edible Unseen (Engel)**
1731199, SS 2025, 1 SWS, Language: German/English, Open in study portal
Block (B)
On-Site

Content
What does it mean to live in an *Edible City?* How can we make hidden squares visible? We aim to explore these two questions in depth during this seminar week. In collaboration with *Junge Architektur Karlsruhe* and *Urbane Gärten*, we will develop design concepts for selected spaces in Karlsruhe that often evade our attention and physical presence. These hidden spaces will be examined and analyzed under the *Edible City* overarching idea and then transformed into experimental fields. The goal is to draw attention to some of the less noticeable areas of Karlsruhe and to engage in dialogue with residents about their potential future. The outcomes of our seminar will be realized as part of the *Architektur Zeit 2026.*

Blockdate: Tue 10.- Fri 13.06.2025, 11.40 R013

First Meeting: Tue 10.06.2025, 9:30 am, 11.40 R013

Submission/Exam: Fri 13.06.2025

Number of Participants: 20

V **Seminar Week: The gardens of Suzhou** **Block (B) On-Site**
1731219, SS 2025, 1 SWS, Language: German/English, Open in study portal

Content
The inspiration for the gardens of Suzhou extends far beyond the city limits and finds its origins in the imposing landscape of the Huangshan Mountains. The characteristic rock formations, the misty mountain ranges and the centuries-old pine trees of Huangshan have been immortalized in Chinese artworks, calligraphy and literary writings for generations. These impressive images of nature served as an authoritative reference for garden masters and shaped the conception of their artificially created landscapes.

The gardens of Suzhou, some of which have existed for over 1100 years, are among the oldest surviving examples of traditional Chinese garden art. They are important testimonies to a culture characterized by a profound philosophical connection between man and nature. Their design principles are based on the balance between nature and artifact - a synthesis of primordial growth and abstraction that is essential to the Chinese understanding of aesthetics and harmony.

During the seminar trip to Suzhou, China, we will approach garden culture through its archetypal landscape ideals. We will visit the oldest preserved gardens in the world in order to explore their cultural, ideological and philosophical significance on site.

Participation entirely in English should be possible.

Block date: 07.06.2025 - 15.06.2025

Seminar basar: 14.4.2025

Registration deadline and travel information event: 16.4.2025 17.00 (Geb.11.40, R 126)

Costs: 1.150,00

Number of Participants: 15 (Bachelor: 10; Master:5)

V **Seminarweek: Balearic Islands** **Block (B) On-Site**
1731299, SS 2025, 1 SWS, Language: German/English, Open in study portal

Content
During the seminar week we will sail around the Balearic Islands with Majorca, Minorca and Ibiza. 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, which equally characterize the architecture and mentality of this cultural area. Off the beaten tourist track, you will find exceptional historic and contemporary buildings. In the evenings we will dock in ports or anchor on the coast to cook, eat and sleep together on board the ships.

Travel dates: 7.6.-14.6.2025

Introduction meeting: will be announced

Costs: approx. 600 Euro (excl. individual arrival)

Number of Participants: 15

V **Excursion: Seminar Week: Granada. A Digital Survey of the Masterpieces of the Baroque** **Block (B) On-Site**
1741383, SS 2025, 2 SWS, Language: German, Open in study portal

Content
The geometry of the Sanctuary of the Cartuja de Granada, designed by Francisco Hurtado Izquierdo, shows a masterful manipulation of space through a carefully orchestrated interplay of surfaces and volumes. This masterpiece of Spanish Baroque combines intricate geometric complexity with an expressive use of materials.
The excursion aims to explore some of Hurtado Izquierdo's works in Granada, documenting and deepening the innovative geometric sophistication of his pioneering designs using 3D scanning technology. Other works from the Baroque period will also be visited.

Travel and accommodation must be organized by the participants themselves. Costs approx. 800 €

Date: Preliminary meeting Tue 22.04.2025 17:30-18:30, Building and Architectural History Library, Building 20.40, R 015

Number of participants: 12

Study focus: Architectural and cultural heritage

V **History of Architecture: Seminar week: Women in Construction** **Block (B) On-Site**
1741386, SS 2025, 2 SWS, Language: German, Open in study portal

Content
The seminar 'Women in Construction' is dedicated to female architects, civil engineers, urban planners and designers who have received too little attention in research to date. During the project week, we will take an in-depth look at the biographies and works of women from different areas of the construction industry from the end of the 19th century to the 21st century and analyse their work, taking into account the historical context. A visit to the saai is also planned for this week in order to be able to work with original sources. In addition to regular attendance and participation, students are expected to give a presentation and prepare a report.

1.Meeting: Tue 10.06.2025, 09:30 am, Bldg. 20.40, R 015

Number of Participants: 20

Focus of study: Architectural and Cultural Heritage

Organizational issues
Seminarwoche: 10.06.2025-13.06.2025

V **Excursion: Seminar week: Natrual Stone** **Block (B) On-Site**
1741389, SS 2025, 2 SWS, Language: German, Open in study portal

Content
Natural stone has been a well used building material in southern Germany for centuries. Even the Romans worked with this material in large quantities. Even today, the qualities of natural stone are valued in architecture. The material is robust, reusable and has a good carbon footprint. The variety of natural colors and possible surface finishes allows for exciting design possibilities.

The field trip provides an overview of natural stone quarrying and use from antiquity through the Middle Ages to the present day. We are hiking to a Roman quarry, a medieval quarry and quarries that are still in operation. We will also visit buildings from antiquity, the Middle Ages and the present day.

1st meeting: Tue 10.06.2025, 9:00 am, parking lot behind the Faculty of Architecture, Englerstraße 7

Number of participants: 4 Bachelor, 4 Master (limited transportation places, it is possible to organize your own transport to the excursion sites).

Costs: 60 euros per person, plus meals

Please bring: sturdy shoes, robust clothing, fitness

Study focus: Architectural and cultural heritage

V **Seminar Week: Graffiti in Karlsruhe** **Block (B) On-Site**
1800025, SS 2025, 2 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: 10.6. to 13.6.2025

Exam: 13.6.2025

Places: 20

Organizational issues
10. - 13. Juni 2025

V **Seminar Week: Nature Exploration** **Block (B)**
1800028, SS 2025, 2 SWS, Language: German, Open in study portal **On-Site**

Content
The practical course “Nature Exploration” during the seminar week focuses on the perception and artistic reflection of nature in urban spaces. Plants serve as indicators of local and climatic changes and tell “green narratives”. These form the basis for art historical and artistic research. Differences between scientific and artistic work are highlighted: While science takes an analytical and data-based approach, artistic research is subjective and experimental.
The practical course combines theory and practice of artistic creation – from exploring the topic and developing one's own approach to the visual realization (e.g. photography, drawing, installation, text). It also examines how the perception and communication of artworks is influenced by being part of the creation process. The aim is to creatively and reflectively shape the connection between nature, art and urban space.

Seminar week: 10.6. to 13.6.2025

Exam: 13.6.2025

Places: 20

Organizational issues
Seminarwoche: 10. - 13. Juni 2025

T 4.71 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 2025	1700033	Seminar Week: Small Scale Models – Digital Study Workshop	1 SWS	Block / 🗣	Jager
ST 2025	1700034	Seminar Week: Analogue and Black/White	1 SWS	Block / 🗣	Seeland
ST 2025	1710109	Seminar Week: Archival Bastards	2 SWS	Seminar / 🗣	Frohn, Streicher
ST 2025	1710206	Seminar Week: La Conquête du Soleil (Bru)	1 SWS	Block / 🗣	N.N., Zaparta
ST 2025	1710304	Seminar Week: Athens	2 SWS	Block / 🗣	Hartmann, Kadid, Coricelli, Vansteenkiste, Zucchello
ST 2025	1710360	Seminarweek: "furniture under the open sky"	2 SWS	Block / 🗣	Craig, Okujeni
ST 2025	1710412	Seminar week: Architecture on Display	1 SWS	Excursion (E / 🗣	Fankhänel
ST 2025	1710455	Seminar week: Concrete Communication: Berlin	1 SWS	Block / 🗣	Rambow
ST 2025	1720509	Seminar Week: Munich Reloaded (Wappner)	1 SWS	Block / 🗣	Wappner, Kochhan, Sadi
ST 2025	1720556	Seminar Week: Ultra circular (Klinge)	1 SWS	Block / 🗣	Klinge, Michalski, Weber
ST 2025	1720608	Seminarweek: Copenhagen - hygge and circular	1 SWS	Excursion (E / 🗣	Hebel, Yi, Boerman
ST 2025	1720651	Seminar Week: Building with straw - practical laboratory	1 SWS	Block / 🗣	Kaiser, Büchle, Erlewein
ST 2025	1720706	Seminarweek: BIM-Projects and Measurment	2 SWS	Block / 🗣	von Both, Sartorius, Schöner
ST 2025	1720761	Seminar Week: Digital Skins	1 SWS	Block / 🗣	La Magna, Dörstelmann, Fuentes Quijano, Andersson Largueche
ST 2025	1720810	Seminar week: RoboticWoodConstruction	1 SWS	Block / 🗣	Dörstelmann, La Magna, Fischer, Zanetti, Witt, Haußer
ST 2025	1720983	Seminar Week: Use your senses - subjective and objective evaluation of rooms		Block / 🗣	Wagner, Mann, Kaul
ST 2025	1731094	Seminarweek: Sun x Heritage Protection	1 SWS	Block / 🗣	Neppl, Zeile
ST 2025	1731199	Seminar Week: The Edible Unseen (Engel)	1 SWS	Block / 🗣	Engel, Lev, Staab
ST 2025	1731219	Seminar Week: The gardens of Suzhou	1 SWS	Block / 🗣	Schifferli, Romero Carnicero, Mühlbauer, Zuber
ST 2025	1731299	Seminarweek: Balearic Islands	1 SWS	Block / 🗣	Inderbitzin, Schork, von Zepelin

ST 2025	1741383	Excursion: Seminar Week: Granada. A Digital Survey of the Masterpieces of the Baroque	2 SWS	Block / 🗣	Medina Warmburg, Garrido
ST 2025	1741386	History of Architecture: Seminar week: Women in Construction	2 SWS	Block / 🗣	Stolz
ST 2025	1741389	Excursion: Seminar week: Natrual Stone	2 SWS	Block / 🗣	Brehm
ST 2025	1800025	Seminar Week: Graffiti in Karlsruhe	2 SWS	Block / 🗣	Papenbrock
ST 2025	1800028	Seminar Week: Nature Exploration	2 SWS	Block / 🗣	Lopez

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: Small Scale Models – Digital Study Workshop** **Block (B) On-Site**
1700033, SS 2025, 1 SWS, Language: German, Open in study portal

Content
The Small Scale Models seminar teaches basic modelling techniques and encourages the creative use of materials. The aim is to create detailed models in a maximum size of 150 × 150 × 150 mm, combining at least three different materials. Participants optimise their work processes, learn to better assess the level of detail and develop cutting files for precise results. They are also encouraged to introduce more colour into the design. Practical exercises and discussions in the seminar will help to develop effective strategies for modelling.

Date: 10.-13.06.2025

1st meeting: 10.06.2025 10:00 am

Costs: -

Number of participants: 8

V **Seminar Week: Analogue and Black/White** **Block (B) On-Site**
1700034, SS 2025, 1 SWS, Language: German, Open in study portal

Content
After a short introduction to the conditions and contexts of photography as well as the handling of the
handling of the cameras, we will go on a search for motifs and then develop the films according to type in our laboratory. Finally, we use the enlargers to produce black and white prints.

Appointment: 10.-13.06.2024

1st Meeting: 10.06.2024, 10:00 Uhr, Geb. 20.40, R-102

Costs: 15,00 Euro

Number of Participants: 6

V **Seminar Week: Archival Bastards** **Seminar (S) On-Site**
1710109, SS 2025, 2 SWS, Language: German/English, Open in study portal

Content
The seminar offers the opportunity to dive into the wealth of architectural knowledge stored at SAAI, making it accessible and meaningful as a trigger for your own design practice. Instead of following the usual silos of classification (by author, date or type), the seminar seeks to team archival material that was not destined to meet.

Focussing on single-family house typologies, you will work with a series of pre-selected sectional drawings of projects from a wide variety of architects and historical periods. Using different strategies of visual association such as exquisite corps, palimpsest and cut-up, you will bring together two of these seemingly unrelated drawings thereby creating your own architectural “single family bastard”.

Through this process of bastardization, the seminar explores a design methodology based on the fortuitous meeting of architectural antagonists. The result will be a series of three operative sectional line drawings, each of which is based on a specific approach to visual association.

Will your bastards be architectural compromises? Can they be read as a synthesis? Or will they embody a non-resolvable conflict between both sources?

DATES:

Di, 10.06.2025 _ 10:00 - 18:00

Mi, 11.06.2025 _ 10:00 - 18:00

Do, 12.06.2025 _ 10:00 - 18:00

Fr, 13.06.2025 _ 10:00 - 12:00

V

Seminar Week: La Conquête du Soleil (Bru)

1710206, SS 2025, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Summer is the season of revelation, making it possible to experience how light and heat affect us, both emotionally and physically. Summer also highlights several reactions to this light and heat: stimulation, protection, regulation. Summer-architecture will therefore be that which allows a whole range of arrangements, both conquering and protective, to continue to make this beautiful season come alive.

During the seminar week, the students will develop structures based on standardized elements from scaffolding construction, which will be set up in different locations in the summer and offer shade. in terms of efficiency and sufficiency in relation to sustainable construction methods, these objects can be quickly assembled and dismantled and reused elsewhere for a different function. Moving elements powered by sunlight are to be added to this fixed system. The movement creates cooling on the one hand and an attractor on the other, which serves as a point of interest and invites people to gather together.

The installations are conceived as hybrid types that allow several functions and levels of interpretation - they transform outdoor spaces, are places to linger and interact and are simultaneously sculptures that make the possible synergy of nature, technology and architecture visible, react to the overheating caused by climate change and point to it in a playful way.

Event format: On-Site
Maximum participants: 16
Schedule: 10.06 - 13.06.2025 All day
First Meeting: Tue, 10.06.2025 at 10 a.m., bldg. 20.40, room 113 seminar room GBL
Form: Teamwork
Submission/Presentation: 13.06.2025
Lecturers: Prof. Stéphanie Bru/Eleni Zaparta

V

Seminar Week: Athens

1710304, SS 2025, 2 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Our seminar trip will take us to Athens, where, in addition to visiting historical and contemporary buildings, the students will come into contact with many noteworthy contemporary architecture firms.

The video material from the visits and interviews will result in a collective final report in short films.

Language: English/German

Event Format: On-site

First Meeting and Presentation of the Program: 04.06.2025, 11h

Schedule: 10.06.2025–13.06.2025

Participation criteria: Open to all KIT affiliates

Form: Collective work

Deliverables: Short films (interviews+building recordings)

V

Seminarweek: "furniture under the open sky"

1710360, SS 2025, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
In this seminar, we will focus on street furniture and its role in the design of urban spaces. Street furniture includes elements such as benches, litter garbage cans, lighting and play equipment that are both functional and aesthetic.

We examine the functionality and design of street furniture and how it contributes to quality of life and promotes social interaction. Participants will conduct drawing research to develop a vocabulary of the different elements and connect them to urban places.

In the seminar, we explore city districts and analyze existing furniture. In daily feedback sessions, we exchange thoughts and sketches to promote innovative approaches to the design of urban spaces."

Meeting Piont on 10.06.2025 09:00 Zeichensaal, Building 20.40 Room 204

10.06.-13.06.2025 09:00-18:00

Organizational issues
10.06.-13.06.25 09:00-18:00 Uhr

V

Seminar week: Architecture on Display

1710412, SS 2025, 1 SWS, Language: German, Open in study portal

Excursion (EXK)
On-Site

Content
What counts as architecture in an archive? This year's Seminarwoche takes a close look at the large bequest of architectural children's books held at the saai and examines them as physical artifacts, as bearers of architectural meaning, and as exhibits to be displayed.

Students will gain insight into archival and preservation practices as well as participate in a guided design charrette intended to develop a display strategy for architecture books.

Focus of study: Architectural and Cultural Heritag

Seminarwoche will take place on 4 entire days 10.-13.6.
Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 20

V

Seminar week: Concrete Communication: Berlin

1710455, SS 2025, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

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.

You will have to organize your own travel to and from Berlin. We will make suggestions for accommodation. The walks should be documented photographically. A good cell phone camera is perfectly sufficient.

Cost (without travel, incl. Hostel, Tickets, subway etc.): approx. 300 euros

Block date: Tue 10.06.– Fri 13.06.2025, 9:00 am to 5:00 pm
1st meeting: Tue, 10.06.2025, 9:00 am, meeting point will be announced via ILIAS
Number of participants: 20

V

Seminar Week: Munich Reloaded (Wappner)

1720509, SS 2025, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
After fifteen years at KIT in Karlsruhe, this multi-day excursion to Munich and its surroundings marks the culmination of a close relationship between the professorship and both cities—their people, traditions, architectural heritage, and the qualities and distinct characteristics of the present.

Munich Reloaded aims to engage with the city's renewal and transformation, exploring various aspects and locations that reflect contemporary debates in architecture and urban planning. This provides an opportunity to experience and appreciate Munich's dynamic and forward-looking development firsthand.

The excursion offers diverse perspectives on the challenges and opportunities of continuous urban transformation through a detailed examination of urban spatial dimensions and architectural details, fostering an in-depth, on-site exchange of ideas.

Preliminary discussion with distribution of tasks by arrangement

11.06.2025 - 13.06.2025, excursion, full day

Location: München

Costs: approx. 250 €

Number of participants: 10 places Bachelor, 10 places Master

V **Seminar Week: Ultra circular (Klinge)** **Block (B)** **On-Site**
1720556, SS 2025, 1 SWS, Language: German/English, Open in study portal

Content
During the four-day workshop at the faculty, everything revolves around sustainable working with reclaimed wood and earth building techniques. Participants will learn how to design and produce reversible timber joints from reclaimed wood, with the material being processed and cleaned of pollutants beforehand. This is supplemented by an intensive rammed earth workshop. The focus is on practical implementation and working in the wood workshop, supplemented by theoretical introductions and safety instructions.

Period: 10.06.2025 - 13.06.2025 all day

Location: Karlsruhe

Number of participants: 20 Places Bachelor / Master

V **Seminarweek: Copenhagen - hygge and circular** **Excursion (EXK)** **On-Site**
1720608, SS 2025, 1 SWS, Language: German/English, Open in study portal

Content
We are travelling to Copenhagen by train to explore how Denmark has managed to become the most successful protagonist of sustainable construction in Europe, using the example of the northern European metropolis. We want to learn from it.

By visiting innovative pioneering projects – by Lendager, EFFEKT, C.F. Moeller and others - we are made aware of a climate-resilient citie´s potential, concepts of circular construction and intelligent approaches to CO2 balancing.

Academic guest lectures will provide us with state oft he art insights and Exploring the concept of *Hygge* will complete the program of our academic journey.

Travel Budget: 500 – 750 Euro

First Meeting: 15.05.2025, 14:00 Uhr, Geb. 11.40 Raum 26
Excursion: 09.06. – 14.06.2025

Organizational issues

V **Seminar Week: Building with straw - practical laboratory** **Block (B)** **On-Site**
1720651, SS 2025, 1 SWS, Language: German, Open in study portal

Content
In this practical workshop, you will have the opportunity to experience straw bale construction up close. During the 4-day excursion, including overnight stays at Lake Constance, we will visit selected contemporary straw bale construction projects in southern Germany and Switzerland. Local architects will guide you through realized buildings and ongoing construction sites, providing practical insights into the material usage. At the Zimmerei Grünspecht (Freiburg), you will apply your newly acquired knowledge in practice. In our workshop, you will learn, under the guidance of earth builders and master carpenters, how to properly construct a straw wall, apply clay plaster, and cut straw bales.

Cooperation partners: Zimmerei Grünspecht

First Meeting: We. 23.04.2025, 13:00 - 14:00Uhr Room: TBA

Number of Participants: 25 Bachelor/Master

Focus of study: (Building Technology)

Event format: Excursion, Workshop

Cost per student: approx. €350–400 (incl. travel, accommodation, and material costs)

Organizational issues
Seminarwoche: 10-13 Juni 2025

V **Seminarweek: BIM-Projects and Measurment** **Block (B) On-Site**
1720706, SS 2025, 2 SWS, Language: German/English, Open in study portal

Content
Accurate quantity calculation plays a central role in construction projects as it forms the basis for cost estimation, material procurement, and scheduling. Traditionally, this process has been time- and labor-intensive, requiring manual measurements and calculations that are prone to errors. Building Information Modeling (BIM) streamlines this practice by offering a digital, integrated approach to the planning, construction, and management of construction projects. With the use of BIM, quantities can be automatically and precisely derived from digital models, and they can be kept up-to-date even with floor plan changes.
Learn how to create quantity measurement Lists in ArchiCAD. No prior knowledge of ArchiCAD is required.

Prerequisites for participation: Participants must have a laptop with the ARCHICAD Student version installed.

The seminar includes lectures and hands-on exercises.

Workshop:10.-13.06.2025, Start 09:00 a.m., all day long, in Presence," Grüne Grotte"

Number of participants: 20

Organizational issues
10.-13.06.2025 ab 09:00 Uhr, Ganztätig

V **Seminar Week: Digital Skins** **Block (B) On-Site**
1720761, SS 2025, 1 SWS, Language: German/English, Open in study portal

Content
Digital Skins offers an in-depth exploration of digital tools and computational strategies for the geometrical processing and patterning of surfaces. The seminar, a joint collaboration between Design of Structures (dos) and Digital Design and Fabrication (DDF), will delve into the use of computational tools through scripts and definitions that will be developed during the course to manipulate mesh and NURBS objects by creating bespoke structural and ornamental patterns. The outcome of the explorations will be implemented into high-end animations as well as 3d-printed test-objects. Knowledge of Rhino and Grasshopper is welcome but not compulsory.

First Meeting: TBA

Bldg. 20.40, R tba

Submission/Exam: Fri, 13.06.2025

Number of Participants: 20

V

Seminar week: RoboticWoodConstruction

1720810, SS 2025, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content

As part of *DasFest2025*, a large-scale 1:1 visitor pavilion will be built to showcase digital circular construction while serving as a venue for discussions on climate-related topics. The pavilion will then be reused for events in Karlsruhe such as *Schlosslichtspiele*.

RoboticWoodConstruction explores the intersection of digital design and robotic fabrication, focusing on reusing residual and waste wood. By leveraging computational models and digital building technology, discarded wood is transformed into a resource-efficient, circular building material for structural components.

During this dedicated *construction week*, students will engage in hands-on assembly and construction of the pavilion, gaining insights into woodworking, digital tools, and automated robotic woodnailing and doweling.

10.06. - 13.06.2025

Number of Participants: 20

Place: DDF_Lab, Hardeckstraße 2a

No prior knowledge is required.

V

Seminar Week: Use your senses - subjective and objective evaluation of rooms

1720983, SS 2025, SWS, Language: German, Open in study portal

Block (B)
On-Site

Content

How do we perceive rooms and how can we design comfortable rooms? The seminar starts by looking at the key factors of indoor climate – thermal, olfactory, visual, auditory – influencing comfort. In addition, questions of perception, assessment and the associated evaluation criteria will be discussed. With the help of measuring devices and a questionnaire, the students then carry out their own investigations of rooms in Karlsruhe. The results will be discussed on the basis of the evaluated data - in particular whether and how the rooms meet the needs and expectations of users in terms of comfort. The aim is to gain insights for the design of comfortable rooms.

Seminar Week: 10.06.2025 until 13.06.2025 R.240

First Appointment: 10.06.2025 10:00 AM

Exam: 13.06.2025

Places: 9 bachelor, 7 master

V

Seminarweek: Sun x Heritage Protection

1731094, SS 2025, 1 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content

How much solar energy can the historic city centre absorb without the listed buildings catching their breath? During our seminar week in Landsberg am Lech, we will scrutinise the balancing act between the energy transition and aesthetics. With on-site excursions, digital tools and real experts, we will apply a tried-and-tested process to find innovative solar solutions for historic roofs. The goal is a city that fills up with sunshine without losing its face. Together with the Landsberg am Lech town planning office and the Bavarian State Office for Monument Preservation. We test, model, photograph, discuss and visit.

Seminar Week: 10.-13.06.2025

First meeting: 10.06.2025, Landsberg

Excursion: 10.-12.06.2025 to Landsberg am Lech

Exam performance: documentation

Cost: None (costs for travel and accommodation to / in Landsberg will be covered), arrival by train, on site by minibus

Number of Participants: 18

V

Seminar Week: The Edible Unseen (Engel)

1731199, SS 2025, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
What does it mean to live in an *Edible City?* How can we make hidden squares visible? We aim to explore these two questions in depth during this seminar week. In collaboration with *Junge Architektur Karlsruhe* and *Urbane Gärten*, we will develop design concepts for selected spaces in Karlsruhe that often evade our attention and physical presence. These hidden spaces will be examined and analyzed under the *Edible City* overarching idea and then transformed into experimental fields. The goal is to draw attention to some of the less noticeable areas of Karlsruhe and to engage in dialogue with residents about their potential future. The outcomes of our seminar will be realized as part of the *Architektur Zeit 2026.*

Blockdate: Tue 10.- Fri 13.06.2025, 11.40 R013

First Meeting: Tue 10.06.2025, 9:30 am, 11.40 R013

Submission/Exam: Fri 13.06.2025

Number of Participants: 20

V **Seminar Week: The gardens of Suzhou** **Block (B) On-Site**
1731219, SS 2025, 1 SWS, Language: German/English, Open in study portal

Content
The inspiration for the gardens of Suzhou extends far beyond the city limits and finds its origins in the imposing landscape of the Huangshan Mountains. The characteristic rock formations, the misty mountain ranges and the centuries-old pine trees of Huangshan have been immortalized in Chinese artworks, calligraphy and literary writings for generations. These impressive images of nature served as an authoritative reference for garden masters and shaped the conception of their artificially created landscapes.

The gardens of Suzhou, some of which have existed for over 1100 years, are among the oldest surviving examples of traditional Chinese garden art. They are important testimonies to a culture characterized by a profound philosophical connection between man and nature. Their design principles are based on the balance between nature and artifact - a synthesis of primordial growth and abstraction that is essential to the Chinese understanding of aesthetics and harmony.

During the seminar trip to Suzhou, China, we will approach garden culture through its archetypal landscape ideals. We will visit the oldest preserved gardens in the world in order to explore their cultural, ideological and philosophical significance on site.

Participation entirely in English should be possible.

Block date: 07.06.2025 - 15.06.2025

Seminar basar: 14.4.2025

Registration deadline and travel information event: 16.4.2025 17.00 (Geb.11.40, R 126)

Costs: 1.150,00

Number of Participants: 15 (Bachelor: 10; Master:5)

V **Seminarweek: Balearic Islands** **Block (B) On-Site**
1731299, SS 2025, 1 SWS, Language: German/English, Open in study portal

Content
During the seminar week we will sail around the Balearic Islands with Majorca, Minorca and Ibiza. 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, which equally characterize the architecture and mentality of this cultural area. Off the beaten tourist track, you will find exceptional historic and contemporary buildings. In the evenings we will dock in ports or anchor on the coast to cook, eat and sleep together on board the ships.

Travel dates: 7.6.-14.6.2025

Introduction meeting: will be announced

Costs: approx. 600 Euro (excl. individual arrival)

Number of Participants: 15

V **Excursion: Seminar Week: Granada. A Digital Survey of the Masterpieces of the Baroque** **Block (B) On-Site**
1741383, SS 2025, 2 SWS, Language: German, Open in study portal

Content
The geometry of the Sanctuary of the Cartuja de Granada, designed by Francisco Hurtado Izquierdo, shows a masterful manipulation of space through a carefully orchestrated interplay of surfaces and volumes. This masterpiece of Spanish Baroque combines intricate geometric complexity with an expressive use of materials.
The excursion aims to explore some of Hurtado Izquierdo's works in Granada, documenting and deepening the innovative geometric sophistication of his pioneering designs using 3D scanning technology. Other works from the Baroque period will also be visited.

Travel and accommodation must be organized by the participants themselves. Costs approx. 800 €

Date: Preliminary meeting Tue 22.04.2025 17:30-18:30, Building and Architectural History Library, Building 20.40, R 015

Number of participants: 12

Study focus: Architectural and cultural heritage

V History of Architecture: Seminar week: Women in Construction

1741386, SS 2025, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
The seminar 'Women in Construction' is dedicated to female architects, civil engineers, urban planners and designers who have received too little attention in research to date. During the project week, we will take an in-depth look at the biographies and works of women from different areas of the construction industry from the end of the 19th century to the 21st century and analyse their work, taking into account the historical context. A visit to the saai is also planned for this week in order to be able to work with original sources. In addition to regular attendance and participation, students are expected to give a presentation and prepare a report.

1.Meeting: Tue 10.06.2025, 09:30 am, Bldg. 20.40, R 015

Number of Participants: 20

Focus of study: Architectural and Cultural Heritage

Organizational issues
Seminarwoche: 10.06.2025-13.06.2025

V Excursion: Seminar week: Natrual Stone

1741389, SS 2025, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

Content
Natural stone has been a well used building material in southern Germany for centuries. Even the Romans worked with this material in large quantities. Even today, the qualities of natural stone are valued in architecture. The material is robust, reusable and has a good carbon footprint. The variety of natural colors and possible surface finishes allows for exciting design possibilities.

The field trip provides an overview of natural stone quarrying and use from antiquity through the Middle Ages to the present day. We are hiking to a Roman quarry, a medieval quarry and quarries that are still in operation. We will also visit buildings from antiquity, the Middle Ages and the present day.

1st meeting: Tue 10.06.2025, 9:00 am, parking lot behind the Faculty of Architecture, Englerstraße 7

Number of participants: 4 Bachelor, 4 Master (limited transportation places, it is possible to organize your own transport to the excursion sites).

Costs: 60 euros per person, plus meals

Please bring: sturdy shoes, robust clothing, fitness

Study focus: Architectural and cultural heritage

V Seminar Week: Graffiti in Karlsruhe

1800025, SS 2025, 2 SWS, Language: German, Open in study portal

Block (B)
On-Site

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: 10.6. to 13.6.2025

Exam: 13.6.2025

Places: 20

Organizational issues
10. - 13. Juni 2025

V **Seminar Week: Nature Exploration** **Block (B)**
1800028, SS 2025, 2 SWS, Language: German, Open in study portal **On-Site**

Content
The practical course “Nature Exploration” during the seminar week focuses on the perception and artistic reflection of nature in urban spaces. Plants serve as indicators of local and climatic changes and tell “green narratives”. These form the basis for art historical and artistic research. Differences between scientific and artistic work are highlighted: While science takes an analytical and data-based approach, artistic research is subjective and experimental.
The practical course combines theory and practice of artistic creation – from exploring the topic and developing one's own approach to the visual realization (e.g. photography, drawing, installation, text). It also examines how the perception and communication of artworks is influenced by being part of the creation process. The aim is to creatively and reflectively shape the connection between nature, art and urban space.

Seminar week: 10.6. to 13.6.2025

Exam: 13.6.2025

Places: 20

Organizational issues
Seminarwoche: 10. - 13. Juni 2025

T 4.72 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 2025	1720751	Basics of Structural Design (Lecture)	2 SWS	Lecture / 🗣	La Magna
ST 2025	1720752	Basics of Structural Design (Exercise)	2 SWS	Practice / 🗣	La Magna, Müller, Andersson Largueche, Haußer

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.

Workload
120 hours

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

V Basics of Structural Design (Lecture)

1720751, SS 2025, 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 must 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 loadbearing 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.

First Meeting: 24.04.2025; 09:45 am

Bldg. 20.40, HS 9

Regular meeting: Thursday 09:45 am – 11:15 am

Exam: Tuesday 05.08.2025

V Basics of Structural Design (Exercise)

1720752, SS 2025, 2 SWS, Language: German, Open in study portal

Practice (Ü)
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 must 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 loadbearing 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.

First Meeting: 24.04.2025; 09:45 am

Bldg. 20.40, HS 9

Regular meeting: Thursday 09:45 am – 11:15 am

Exam: to be announced

T 4.73 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 2025	1720752	Basics of Structural Design (Exercise)	2 SWS	Practice / 🗣	La Magna, Müller, Andersson Largueche, Haußer

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 Basics of Structural Design (Exercise)

1720752, SS 2025, 2 SWS, Language: German, Open in study portal

Practice (Ü)
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 must 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 loadbearing 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.

First Meeting: 24.04.2025; 09:45 am

Bldg. 20.40, HS 9

Regular meeting: Thursday 09:45 am – 11:15 am

Exam: to be announced

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 24/25	1720751	Structural Design (Lecture)	2 SWS	Lecture / 🗣	La Magna
WT 24/25	1720752	Structural Design (Exercise)	2 SWS	Practice / 🗣	La Magna, Haußer, Müller, 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.

Workload
120 hours

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

V Structural Design (Lecture)

1720751, WS 24/25, 2 SWS, Language: German, 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, 24.10.24, 9:45 a.m.
Submission/Exam: 04.03.2025

Literature

V Structural Design (Exercise)

1720752, WS 24/25, 2 SWS, Language: German, 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, 24.10.2024, 11:30 a.m.
Submission/Exam: 04.03.2025

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 2025	1741356	Building Survey: Building Survey and Calibration	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

Workload
30 hours

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

V Building Survey: Building Survey and Calibration

1741356, SS 2025, 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 2024 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 groups of four, in which they organize themselves.

Submission /Exam: 18.07.2025

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

Workload
120 hours

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 24/25	1710401	Who's afraid of architecture theory?	4 SWS	Lecture / 🗣	Fankhänel

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.

Workload
120 hours

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

V Who's afraid of architecture theory?

1710401, WS 24/25, 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 24/25	1710401	Who's afraid of architecture theory?	4 SWS	Lecture / 🗣	Fankhänel

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 24/25, 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.

Workload
120 hours

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					
WT 24/25	1700000	Karlsruhe Architecture Lectures		/ 🗣	Engel
ST 2025	1700000	Karlsruher Architekturvorträge "Skizzenwerk"		/ 🗣	Engel

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

Workload
30 hours

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

V Karlsruhe Architecture Lectures

1700000, WS 24/25, 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

V Karlsruher Architekturvorträge "Skizzenwerk"

1700000, SS 2025, 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.

T 4.83 Course: Workshop Introduction [T-ARCH-107340]

Responsible: Bastian Gäng
Andreas Heil
Philipp Jager
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					
WT 24/25	1700042	Workshop Introduction	1 SWS		Gäng, Heil, Jager
ST 2025	1700040	Workshop Introduction	1 SWS	/	Gäng, Jager, Busch, Hochman

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

Competence Certificate
Completed coursework consisting of the "Werkstattführerschein".

Prerequisites
none

Workload
30 hours

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

V Workshop Introduction
1700042, WS 24/25, 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.

V Workshop Introduction
1700040, SS 2025, 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 (except photo workshop).
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

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

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)