Karlsruher Institut für Technologie

Module Handbook
Architecture Bachelor (B.Sc.)

SPO 2016

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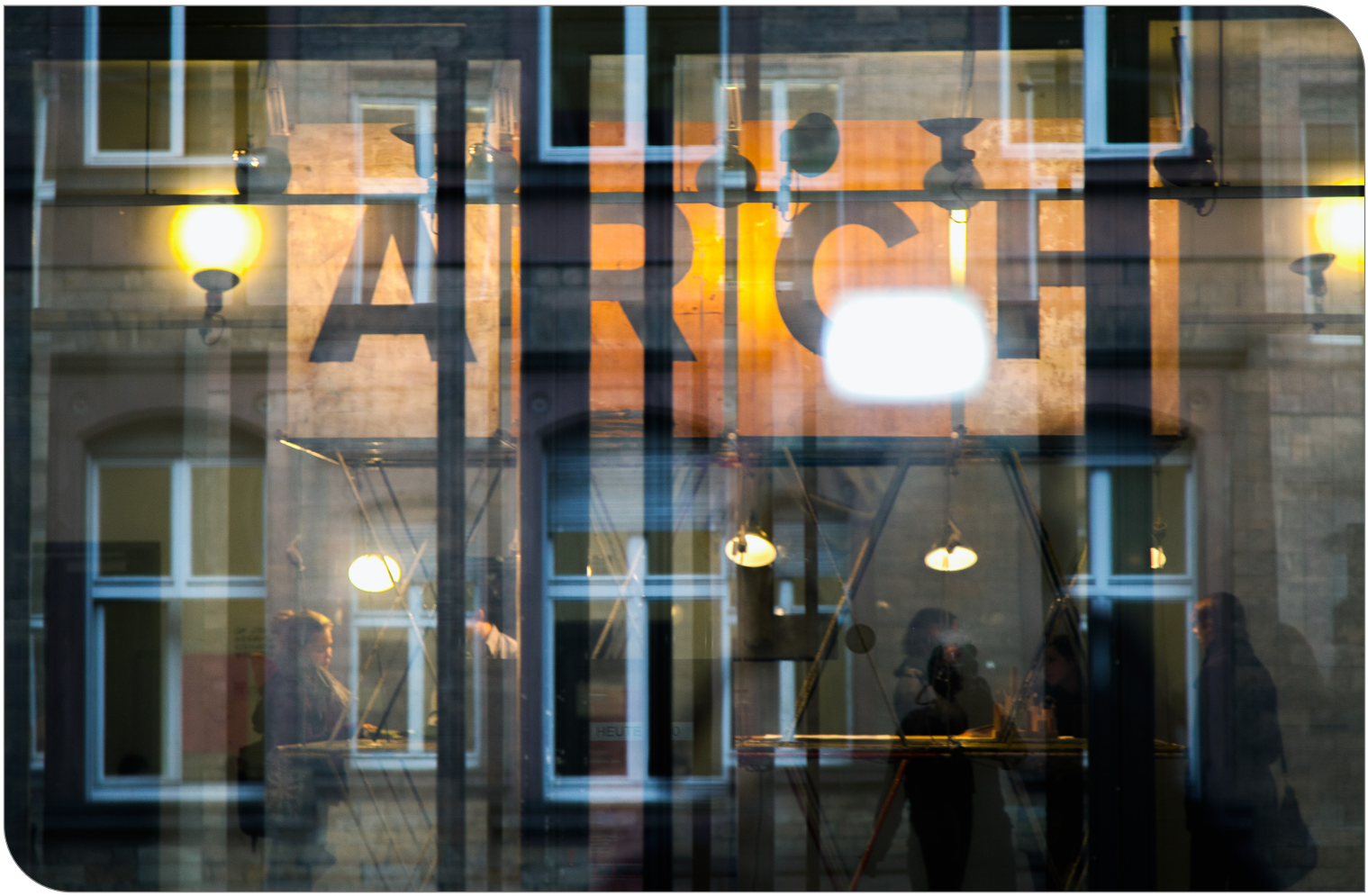
KIT DEPARTMENT OF ARCHITECTURE



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The bachelor program Architecture at KIT

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

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

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

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

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

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

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

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

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

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

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

The module guide for the study course

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

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

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

Exam modalities

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

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

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

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

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

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

Study course design bachelor program Architecture

Bachelor Architecture
Exemplary Curriculum

arch.kit.edu FAKULTÄT FÜR ARCHITEKTUR

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

* Placeholder for various modules

STUDY STRUCTURE BACHELOR'S PROGRAM SPO2016

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

STUDY STRUCTURE BACHELOR'S PROGRAM SPO2016

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

2 Field of study structure

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

2.1 Bachelor's Thesis

Credits
12

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

2.2 Designing

Credits
40

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

2.3 Integral Designing

Credits
14

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

2.4 Construction Technology

Credits
32

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

2.5 Theoretical and Historical Basics

Credits
20

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

2.6 Designing and Representing

Credits
20

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

2.7 Urban- and Landscape Planning from 1.11.2021

Credits
20

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

2.8 Specialization

Credits
16

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

2.9 Interdisciplinary Qualifications

Credits
6

Mandatory		
M-ARCH-103602	Key Qualifications	6 CR

3 Modules

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

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

Organisation: KIT Department of Architecture

Part of: Specialization (mandatory)

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

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

Competence Certificate
Completed coursework consisting of two parts:

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

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

Prerequisites
none

Competence Goal
1. Specialization Bachelor Thesis

The students:

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

2. Portfolio

The students:

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

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

Module grade calculation
not graded

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

Workload
In-class time: Supervision/presentations 30 h

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

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

Annotation
A part of the orientation exam.

Workload
Class attendance: Lectures, tutorials 60 h

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

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

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

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

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

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

Competence Goal
The students:

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

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

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

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

Workload
Class attendance: Lectures, tutorials 60 h

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

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

Workload
Class attendance: Lectures, tutorials 60 h

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

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

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

Annotation
With a mandatory excursion.

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

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

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

Annotation
Two lectures must be taken in the same semester.

Workload
Class attendance: Lectures 60 h

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

Workload
Class attendance: Lectures, tutorials 45 h

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

Workload
Class attendance: Lectures 30 h

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

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

Workload
Class attendance: Lectures, tutorials 30 h

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

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

Annotation
With a mandatory excursion.

Workload
Class attendance: Lectures, tutorials 60 h

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

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

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

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

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

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

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

Prerequisites
none

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

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

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

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

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

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

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

Mandatory			
T-ARCH-107294	Building Construction	4 CR	Wappner

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

Prerequisites
none

Competence Goal
Students:

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

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

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

Workload
Class attendance: Lectures 30 h

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

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

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

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

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

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

Competence Certificate
Written exam taking about 90 minutes.

Prerequisites
none

Competence Goal
The students:

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

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

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

Workload
Class attendance: Lectures, tutorials 60 h

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

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

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

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

Mandatory			
T-ARCH-107293	Building Physics	4 CR	Wagner

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

Prerequisites
none

Competence Goal
The students:

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

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

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

Annotation
A part of the orientation exam.

Workload
Class attendance: Lectures, tutorials 45 h

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

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

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

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

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

Mandatory			
T-ARCH-107296	Building Services	4 CR	Wagner

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

Prerequisites
none

Competence Goal
The students:

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

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

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

Workload
Class attendance: Lectures, tutorials 60 h

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

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

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

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

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

Workload
Class attendance: Lectures, tutorials 45 h

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

Workload
Class attendance: Lectures, tutorials 60 h
Independent study: preparing/follow-up work, exam preparation 60 h

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

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

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

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

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

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

Prerequisites
none

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

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

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

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

Workload
Class attendance: Lectures, tutorials 60 h

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

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

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Prof. Markus Neppl

Organisation: KIT Department of Architecture

Part of: Urban- and Landscape Planning from 1.11.2021

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

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

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

Prerequisites
none

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

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

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

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

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

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

Workload
Class attendance: Lectures, tutorials 60 h

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

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

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

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

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

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

Prerequisites
none

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

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

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

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

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

Mandatory parts:

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

Elective parts:

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

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

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

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

Module grade calculation
not graded

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

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

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

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

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

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

Competence Certificate
Written exam lasting 120 minutes.

Prerequisites
none

Competence Goal
The students:

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

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

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

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

Workload
Class attendance: Lectures, tutorials 60 h

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

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

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

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

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

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

Competence Goal
The students:

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

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

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

Workload
In-class time: Seminar 30 h

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

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

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

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

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

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

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

1. the subject "Design",

2. the subject "Integral Design" and

3. additional module exams amounting to 76 credit points.

Modeled Conditions
The following conditions have to be fulfilled:

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

Competence Goal
The students:

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

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

With a mandatory excursion.

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

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

Workload
In-class time: Supervision/presentations 60 h

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

Annotation
With a mandatory excursion.

Workload
Class attendance: Lectures, tutorials 30 h

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

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

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

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

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

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

Competence Goal
The students:

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

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

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

Annotation
if necessary with compulsory excursion

Workload
In-class time: Lecture, Exercises 60 h

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

Annotation
With excursion.

Workload
In-class time: Seminar 30 h

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

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

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

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

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

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

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

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

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

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

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

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

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

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

Prerequisites
none

Competence Goal
Basics of Lighting Technology:

The students:

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

Basics of Sound Insulation:
The students:

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

Basics of Fire Protection:

The students:

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

Basics of Planning Energy-Efficient Buildings:
The students:

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

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

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

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

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

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

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

Annotation
With a mandatory excursion.

Workload
Class attendance: Lectures, tutorials 60 h

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

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

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

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

Organisation: KIT Department of Architecture

Part of: Specialization (Compulsory Elective Modules Specialisation)

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

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

Workload
In-class time: Seminar 45 h

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

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

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

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

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

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

Competence Goal
The students:

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

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

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

Annotation
if necessary with compulsory excursion

Workload
In-class time: Lecture, Exercises 60 h

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

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

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

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

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

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

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

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

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

Competence Certificate
Other examination requirements based on a final presentation.

Prerequisites
none

Competence Goal
The students:

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

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

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

Workload
Class attendance: Lectures, tutorials 60 h

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

M 3.38 Module: Selected Topics of 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 3.39 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 3.40 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 3.41 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 3.42 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 3.43 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 3.44 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 3.45 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 3.46 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 3.47 Module: Static and Strength of Materials [M-ARCH-103555]

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

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

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

Competence Certificate
Written exam taking 300 minutes.

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

Prerequisites
none

Competence Goal
The students:

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

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

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

Workload
Class attendance: Lectures, tutorials 60 h

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

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

M 3.48 Module: Structural Analysis [M-ARCH-103590]

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

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

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

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

Prerequisites
none

Competence Goal
The students:

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

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

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

Annotation
With a mandatory excursion.

Workload
In-class time: Seminar 45 h

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

Recommendation
Successful completion of the module "Structural Design".

M 3.49 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. Ludwig Wappner
Organisation: KIT Department of Architecture
Part of: Designing

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

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

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

Prerequisites
Successful completion of the module "Studio Structure".

Modeled Conditions
The following conditions have to be fulfilled:

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

Competence Goal
The students:

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

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

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

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

With a mandatory excursion.

Workload
In-class time: Supervision/presentations 60 h

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

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

M 3.52 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. Ludwig Wappner
Organisation: KIT Department of Architecture
Part of: Designing

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

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

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

Prerequisites
Successful completion of the module "Studio Space".

Competence Goal
The students:

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

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

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

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

With a mandatory excursion.

A part of the orientation exam.

Workload
In-class time: Supervision/presentations 60 h

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

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

M 3.54 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	10 CR	Hebel, Inderbitzin

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

Prerequisites
none

Competence Goal
The students:

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

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

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

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

With a mandatory excursion.

Workload
In-class time: Supervision/presentations 60 h

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

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

M 3.55 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

Events					
ST 2024	1710103	Advanced Building Studies Design (Frohn): GRID	1 SWS	/ 🗣	Frohn, Streicher, Gazzillo, Gernay
ST 2024	1710205	Advanced Architectural Design Studies (Morger)	1 SWS	Project (P / 🗣	Morger, Kunkel, Schneider, Zaparta
ST 2024	1710306	Advanced Architectural Design Studies: (Hartmann)	1 SWS	Project (P / 🗣	Hartmann, Coricelli, Kadid, Vansteenkiste
ST 2024	1720508	Advanced Construction Technology Design Studies (Wappner)	1 SWS	Project (P / 🗣	Wappner, Hörmann, Tusinean, Wang, Häberle, Kochhan
ST 2024	1720602	Advanced Construction Technology Design Studies (Hebel)	1 SWS	/ 🗣	Hebel, Hoss, Rausch
ST 2024	1731061	Advanced Urban Design Project Studies: The Term "Transformation" (Neppl)	1 SWS	/ 🗣	Neppl
ST 2024	1731161	Advanced Urban Design Project Studies (Engel): Inner City on the Edge, Freiburg / Rules and Players	2 SWS	Seminar / 🗣	Engel, Böcherer, Kannen
ST 2024	1731211	Advanced Urban Design Project Studies: Urban Hydrotopos – Karlsruhe's Co-Evolutionary Dynamics of Urban and Hydric Processes (Bava)	1 SWS	/ 🗣	Bava, Romero Carnicero
ST 2024	1731261	Advanced Project Studies (Multerer/Inderbitzin): Housing Models	1 SWS	Seminar / 🗣	Inderbitzin, Multerer, Schork, Zickert, Zlokapa, von Zepelin

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

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

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

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

V **Advanced Building Studies Design (Frohn): GRID** — On-Site
1710103, SS 2024, 1 SWS, Language: German/English, Open in study portal

Content
The event can only be selected in conjunction with the associated design GRID and is mandatory for this.

V **Advanced Architectural Design Studies (Morger)** — Project (PRO), On-Site
1710205, SS 2024, 1 SWS, Language: German, Open in study portal

Content
Attending the course is only possible for participants of the design project

V **Advanced Architectural Design Studies: (Hartmann)** — Project (PRO), On-Site
1710306, SS 2024, 1 SWS, Language: English, Open in study portal

Content
Attending the course is only possible for participants of the design project

Language: English

V **Advanced Construction Technology Design Studies (Wappner)** — Project (PRO), On-Site
1720508, SS 2024, 1 SWS, Language: German/English, Open in study portal

Content
This event can only be chosen in connection with the associated design studio.

V **Advanced Construction Technology Design Studies (Hebel)** — On-Site
1720602, SS 2024, 1 SWS, Language: German/English, Open in study portal

Content
This event can only be chosen in connection with the associated design studio "Top Up!* - redensification concepts for Würzburg-Gartenstadt (Hebel)".

V **Advanced Urban Design Project Studies: The Term "Transformation" (Neppl)** — On-Site
1731061, SS 2024, 1 SWS, Language: German, Open in study portal

Content
The term "transformation" appears almost in all building and urban development projects. This in-depth study aims to clarify what it means and how these findings can be applied to the respective projects. In this context, different theoretical boundary conditions will be examined, and historical and current examples will be compiled, examples will be summarized. Subsequently, the focus will be on the transferability to future projects and on the potential for the further development of urban neighbourhoods.

The event can only be chosen in connection with the corresponding urban design project "Urban Transformation" and is mandatory for it.

Appointment: Thu, 2:00 pm, Bldg. 11.40, EG, R015 (the dates will be announced during the seminar)

Exam: 31.07.2024

V **Advanced Urban Design Project Studies (Engel): Inner City on the Edge, Freiburg / Rules and Players** — Seminar (S), On-Site
1731161, SS 2024, 2 SWS, Language: German/English, Open in study portal

Content
The future development of the city center is the subject of numerous professional, political and social debates. The interests are diverse and often conflicting. Political representatives and citizens' initiatives, experts inside and outside the administration and investors – they all have a direct and indirect influence on the planning and design of the city center. The subject of the in-depth study is to look at the various groups of actors and decision-making processes, but also the legal framework conditions.

This course is carried out in cooperation with the experts for public construction law Prof. Dr. jur. Jörg Menzel and Prof. Dr. Werner Finger.

Appointments: Thu

First meeting: Mon 15.04.2024, 2:00 pm, 11.40 R013

Submission/Exam: Thu 15.08.2024

Form: Teamwork

The course can only be chosen in conjunction with the corresponding design (Inner City on the Edge. Freiburg. (Engel)) and is mandatory for this course.

V **Advanced Urban Design Project Studies: Urban Hydrotopos – Karlsruhe's Co-Evolutionary Dynamics of Urban and Hydric Processes (Bava)** **On-Site**
1731211, SS 2024, 1 SWS, Language: German, Open in study portal

Content
This course can only be chosen in conjunction with the related course Urban Planning
(LV 1731210) and is compulsory for this course.

1st meeting: 18.04.2024, 10:00 a.m., Bldg 11.40, R 122

Exam: 01.08.2024

Form of work: Teamwork

V **Advanced Project Studies (Multerer/Inderbitzin): Housing Models** **Seminar (S) On-Site**
1731261, SS 2024, 1 SWS, Language: German/English, Open in study portal

Content
The course consists of preparatory and accompanying short exercises for the studio *Wohnen für Alle.* At the beginning of the semester, we define various groups of residents and design typical living situations for them. This developed scenario may serve as the starting point for the development of the project. The detailed thematic focus of the specialization is determined in connection with the existing building that is to be transformed. The course is mandatory and can only be selected in combination with the associated studio *Wohnen für Alle.*

First Meeting: 29.5.2024, 11:30 -12:00 am,

Bldg. 11.40, R 115, Presence
Submission/Presentation: 5.6.2024, 11:30 am -14.30 pm, Geb. 11.40, R 115, Presence

Team: Sebastian Multerer, Christian Inderbitzin, Anna Schork, Maximilian von Zepelin, Edda Zickert, Srdjan Zlokapa

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

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

Organisation: KIT Department of Architecture

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

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

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

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

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

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

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

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

Prerequisites
none

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

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

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

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

Events					
ST 2024	1720802	Integrative Digital Methods	4 SWS	Lecture / Practice (/)	Dörstelmann, Fuentes Quijano, 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

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

V Integrative Digital Methods

1720802, SS 2024, 4 SWS, Language: English, Open in study portal

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

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

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

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

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

First meeting: Fri 19.04.2043, 09:45 – 11:15 (20.40, Egon-Eiermann- Studierenden Hörsaal)

Exam: 09.08.24

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

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

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

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

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

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

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

Prerequisites
none

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

V Explorative Digital Methods

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

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

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

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

First meeting Friday 03.11.2023
Final Submission: 08.03.2024

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

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

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

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

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

Prerequisites
none

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

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

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

Events					
WT 23/24	1741310	Art History: Lecture: History of the Arts and their Theories: Baroque, Rococo and Classicism	2 SWS	Lecture / 🗣	Jehle
WT 23/24	1741311	Art-History: Lecture: Images and Concepts of Nature and Landscape	2 SWS	Lecture / 🗣	Fiorentini Elsen
WT 23/24	1741312	History of Art: Lecture: Art in Exile 1933-1945	2 SWS	Lecture / 🗣	Papenbrock

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

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

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

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

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

Lecture (V) On-Site

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

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

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

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

Lecture (V) On-Site

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

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

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

V

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

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

Lecture (V)
On-Site

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

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

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

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

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

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

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

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

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

Prerequisites
none

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

V Artistic and Sculptural Design : Drawing +

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

Practice (Ü)
On-Site

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

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

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

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

Submission/Exam:

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

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

Organisation: KIT Department of Architecture

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

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

Events					
ST 2024	1710102	GRID (Frohn)	8 SWS	Project (P / 🗣	Frohn, Gazzillo, Gernay, Streicher
ST 2024	1710204	Architecture Academy in Leipzig (Morger)	8 SWS	Project (P / 🗣	Morger, Kunkel, Zaparta
ST 2024	1710302	Spaces for learning. Horizontal ambiguities (Hartmann)	8 SWS	Project (P / 🗣	Hartmann, Coricelli, Kadid, Vansteenkiste
ST 2024	1720507	Vertical Living (Wappner)	8 SWS	Project (P / 🗣	Wappner, Hörmann, Häberle, Wang, Kochhan, Calavetta
ST 2024	1720601	Top Up!* - redensification concepts for Würzburg-Gartenstadt (Hebel)	5 SWS	Project (P / 🗣	Hebel, Hoss, Rausch
ST 2024	1731086	Urban Transformation - New Urban Planning Strategies for Beiertheimer Feld (Neppl)	5 SWS	Project (P / 🗣	Neppl, Giralt
ST 2024	1731160	Inner City on the Edge. Freiburg. (Engel)	5 SWS	Project (P / 🗣	Engel, Böcherer, Kannen
ST 2024	1731210	Urban Hydrotopos – Karlsruhe's Co-Evolutionary Dynamics of Urban and Hydric Processes (Bava)	5 SWS	Project (P / 🗣	Bava, Romero Carnicero
ST 2024	1731260	Housing for Everyone (Multerer/ Inderbitzin)	5 SWS	Project (P / 🗣	Inderbitzin, Multerer, Schork, Zickert, Zlokapa, von Zepelin

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

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

Prerequisites
none

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

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

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

V

GRID (Frohn)

1710102, SS 2024, 8 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

Content
The Grid is an absolute and repetitive system, expanding to infinity in all directions and independent from any local condition. An emblematic structure of Modernism, the Grid shows its indifference to narrative, specificity and to a sequential reading of any kind.

As a system that can be applied anywhere and anytime, it became a tool for universality, its architectural role being independent from history or geography. The possibility of endless repetition made it a device for control and order in the process of rationalizing complicated structures or dealing with programmatic complexity. The extreme regularity reveals the search for something absolute and an autonomous aesthetic decision, rather than imitation of an existing condition.

In today's architectural environment we experience a paradoxical reappearance of the Grid:

Why do we still look for a universal device in a time when architectural discourse focuses on identity and specificity?

Is the Grid a self-reassuring presence in a progressive loss of control, as the process of building becomes more and more complex?

Why do we need a structural device that helps us rationalize complicated structures, if today we finally possess tools to calculate and manufacture complex forms?

The Studio will explore the possibilities, the pitfalls as well as the contradictions inherent in the grid.

Regular Meetings: Thursday, 11:00am-6:00pm, Studio

First Meeting: 18.04.2024,10:30 pm, Studio

Mandatory Excursion: 25-28.04.2024

Presentation: 31.07.2024

V

Architecture Academy in Leipzig (Morger)

1710204, SS 2024, 8 SWS, Language: German, Open in study portal

Project (PRO)
On-Site

Content
This semester, we complete our series of design studios based on urban building types with the project for an architecture academy in the city of Leipzig. Leipzig is not only a historical center of trade and commerce but has a rich cultural and artistic tradition. To this day, it is a globally relevant cultural center, with both its character and architecture uniquely shaped by the meeting of different political systems. Into this specific urban context, we imagine a facility for the future-oriented training of architects. As the teaching of building culture is subject to constant change, the specific spaces required for that teaching periodically need to be redefined and composed anew. In terms of building history, there are various models in Germany such as the Bauakademie in Berlin by Schinkel, the Kunstgewerbeschule in Weimar by van de Velde, the Bauhaus in Dessau by Gropius, or the Architecture Faculty of the Technical University of Darmstadt by employees of the university building department there, all of which we will visit on an excursion in order to trace the historical evolution of the type. The project serves not only as an examination of elementary architectural topics such as context, space, light, structure, and the development of a building type, but is also as an opportunity for students to reflect on the teaching and learning of our own profession.

1st meeting : Thursday 18.04.2024, in Room 113 Seminar Room GBL.

Field trip: Thursday 25.04. to Sun 28.04.2024.

Delivery of plans and model: Friday 26.07.2024

Final critique: 31.07. und 01.08.2024

V

Spaces for learning. Horizontal ambiguities (Hartmann)

1710302, SS 2024, 8 SWS, Language: English, Open in study portal

Project (PRO)
On-Site

Content
Spaces for Learning - Horizontal Ambiguity examines the university as a historically evolved physical space for learning and more generally for intellectual interaction. Universities have long been a cradle of new building types serving better learning, teaching, researching, assembling, celebrating, etc. (library, auditorium, laboratory, mensa, etc.). Digital communication and AI drastically changes the spatial needs of universities. Contemporary spaces of learning tend towards spatial flexibility and programmatic ambiguity. How can architecture contribute to the academic culture of questioning the status quo rather than clinging to architectural types? The university as a campus, though often located within the city, is typically spatially segregated from it. How can ambiguity help to establish new ways of interacting between these specialized places of learning and the city?

Students will use architectural tools and methods to create spatially ambiguous conditions allowing for a complex array of possible uses, interpretation and interactions for learning, both within, and in relation to the city.

Students will start with in-depth research on relevant reference projects, whilst building a skill-set of tools and methods to be applied to their design projects.

The strategies distilled from this research will be applied to the site through adaptation and testing of anticipatory design strategies.

The projects will investigate the topic of horizontal ambiguity and its application for contemporary spaces of learning through structure, skin, materiality, (indoor) topography, light and orientation.

Language: English

Appointments: Thursday, 10 - 18h

First Meeting: 18.04.2024, 10:00 AM R204

Excursion: 26.04.24 - 28.04.24

Final Presentation: 29.07.-31.07.2024

Hand-in: 26.07.2024 until 12:00 AM (noon), R221

Form: Individual work

First and Second Examiner: Prof. Simon Hartmann / Prof. Dr. Anna-Maria Meister

V **Vertical Living (Wappner)** **Project (PRO) On-Site**
1720507, SS 2024, 8 SWS, Language: German/English, Open in study portal

Content
By 2050, according to studies by the Federal Ministry for Economic Cooperation and Development almost 80% of people will spend their everyday lives in urban agglomerations - but there is a lack of qualified inner-city living space. Due to the constant shortage of building land and the associated rise in land prices, as well as efforts to minimize new land sealing in the surrounding area, hybrid high-rise buildingscould be an answer in the search for densification and living space potential.

A hybrid-use high-rise building is to be built on the banks of the Rhine in the immediate vicinity of Mannheim city center. In its prominent urban location, the significant high point is intended to act both as a link between the city center and the port area and as a landmark between the neighboring cities of Mannheim and Ludwigshafen. Conceptually, a bridge for pedestrians and cyclists, which has already been discussed for a long time, could be included.

Diverse forms of housing and the integration of commercial and public functions form the basis for a heterogeneous usage structure. Through an intensive examination of the complex type of high-rise building, the necessary urban context and the current socially relevant issues for future-oriented construction, a strong and independent response to this topic is to be developed on this multi-layered basis. Conceivable uses could include commercial living and working, culture, leisure and social activities in addition to traditional housing.

Inspired by an excursion to Berlin, we want to explore the structural characteristics of hybrid building complexes and the special design features of tall buildings and their possible construction methods.

Regular date: Thu 14:00-18:00
1st meeting on 18.04.2024 at 10:00 in R240
Intermediate critique 1: 16.05.2024
Intermediate critique 2: 20.06.2024
Final presentation: 30. - 31.07.2024
Compulsory excursion: 26. - 28.04.2024
Form of work: individual work
Study focus: Building Technology

V **Top Up!* - redensification concepts for Würzburg-Gartenstadt (Hebel)** **Project (PRO) On-Site**
1720601, SS 2024, 5 SWS, Language: German, Open in study portal

Content
**to add, to fill, to refill, to recharge*

Due to the structural and sociological changes in society and the associated increase in awareness of ecological, economic and socio-cultural sustainability, existing buildings are becoming increasingly important. In addition to avoiding construction waste, conserving primary resources and limiting emissions, the use of existing architectural buildings can also promote the sustainable and future-oriented development of cities, which in turn helps to preserve existing functioning structures and thus the urban appearance. Overall, dealing with existing buildings helps to achieve a balance between economic, technical and architectural development, environmental protection and cultural heritage.

The semester design, which deals with the refurbishment and revitalization of four row buildings in Würzburg-Frauenland, is fed by the results of the seminar "Understanding existing buildings", in which a contemporary documentation of the existing buildings was created in WS 23/24 on the basis of sketches, photographs, surveys and models. The aim of this semester is to develop a sustainable vision for the new and further development of living, working and living in this area, connected to the entire residential neighbourhood.

First Meeting: 18.04.2024, Bldg. 20.40, Studio

Submission: 26.07.2024

Presentation: 29. - 31.07.2024

Form: Individual work

V **Urban Transformation - New Urban Planning Strategies for Beiertheimer Feld (Neppl)**
1731086, SS 2024, 5 SWS, Language: German, Open in study portal
Project (PRO) On-Site

Content
The planning area Beiertheimer Feld is part of Karlsruhe's south-west city centre. Despite its central location within the city, the area is not very present in the perception of many Karlsruhe residents. The area is characterised by a very heterogeneous mix of residential and commercial functions, in which individual landmarks, high-rise buildings and large-scale hospital and educational facilities, as well as unfinished perimeter block structures and undeveloped areas contrast with one another.
The aim is to develop an urban development strategy across various scales, ranging from a framework plan for the entire area, to the design of a building ensemble in a focus area, including its schematic architectural formulation.
The project is looking for innovative concepts for a future-oriented model district that combines a diverse mix of uses and sustainable urban development. In the sense of a "What if...?" scenario, these projects show which urban qualities can be developed for the Beiertheimer Feld by new urban components and open spaces, and which potential synergy effects could be realised in interaction with the existing urban structures.

Appointment: Thu 9:45:00 am – 1:00 pm, Bldg. 11.40, R015

First Meeting: 18.04.2023, 9:45 am, Bldg. 11.40, R015, Site-visite

Pin-up: 16.05. and 20.06.2024

Presentation: 30.07.2024

Form: teamwork, individual work

Focus of study: Urban Design

Recommendation: at least 1 successful completions of a master design-project

V **Inner City on the Edge. Freiburg. (Engel)**
1731160, SS 2024, 5 SWS, Language: German/English, Open in study portal
Project (PRO) On-Site

Content
Freiburg's city center forms the cultural and economic center of the city and is also an important place of representation and identification. In addition to reconstruction efforts based on the historic city layout after the Second World War, the vision of a car-friendly city in the 1960s led to the creation of car parks directly next to the cathedral, among other things. The pedestrian zone introduced in 1973 ensured car-free areas, but traffic planning outside the city center continued to focus on motorized private transport. The city center ring road encompasses the historic old town and forms an additional traffic connection within the city. At the same time, with its width and volume of traffic, the ring road also forms a barrier. The studio's task is to develop urban planning proposals for a coherent transformation of the existing urban fabric and its edges – with ideas for the functional role of the city center, future-oriented forms of mobility and high-quality public spaces. How can the city center be better connected with the neighboring urban spaces – spatially and functionally? The project is being carried out in cooperation with the City of Freiburg, the civilian initiative "Perspektive Europaviertel" and with students of Mobility and Infrastructure of KIT.

Appointment: Thu

First Meeting: Mon 15.04.2024, 10:00 am, 11.40 R013

Excursion: 25.04.–26.04.2024

Pin-Up: Mon 13.05.2024, Thu 27.06.2024

Submission: Fri 26.07.2024

Presentation: Mon 29.07.2024

Form: Group of 2 students/Individual work

Recommendation: -

Focus of study: Urban Design

V

Urban Hydrotopos – Karlsruhe's Co-Evolutionary Dynamics of Urban and Hydric Processes (Bava)

1731210, SS 2024, 5 SWS, Language: German, Open in study portal

Project (PRO)
On-Site

Content
Water certainly is one of the topics that is reconquering the urban agenda in the recent years. Climate change has accelerated the effects of processes that voracious urban planning generated: unlimited sprawl, lack of permeable soils, no infiltration of rain water, canalization of rivers and streams and industrial use of lakes cohabitate with a countryside in relentless agricultural exploitation. Which ecological, cultural and symbolic values of water can permate in the urban realm? How to imagine novel paradigms of symbiosis between the city and its blue infrastructure? Which forms take these cooperations and how do they foster human and non-human cohabitation?

Building up from a thorough analysis of the historical and technological evolution of the extraction, use and disposal of water in Karlsruhe, a series of visionary projects are to be proposed. In them, water, architecture, landscape and public spaces collaborately construct metabolic urban ecosystems. Circularity is here key, not only of the building materials, but also of the uses and the biological and meteorological processes. Working simultaneously on several scales, the proposals will show their impact on regional, metropolitan, architectural and biological milieus.

1st meeting: Thu 18.04.24 10:00, Building 11.40, Room 122

Intermediate critique: 16.05.24, 18.06.24

Mandatory excursion: 25.-26.04.24, Karlsruhe

Submission/presentation: 01.08.2024

Form of work: Group of two

Study focus: Urban planning

Recommendation: at least 1 completed master's design(s)

V

Housing for Everyone (Multerer/Inderbitzin)

1731260, SS 2024, 5 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

Content
In the upcoming semester, we will explore the architectural potential for creating living spaces within existing urban fabric in Karlsruhe.

The main theme is social housing, which is constantly decreasing in Germany. Creating affordable housing for low-income groups is an important tool for achieving social equality. However, social housing is currently not a significant topic in architectural discourse. By reinterpreting the concept, we aim to focus on the adaptation of existing buildings.

We develop floor plans based on a group of residents that reflect our pluralistic society and meet the eligibility criteria. Our aim is to provide architectural richness beyond the standards of the building industry while still leaving room for some speculation. We strive to bring life to the 'apartment at the minimum'. By thoughtfully combining existing and new elements, we create floor plans and facades on a larger scale that correspond to our time.

Throughout the semester, we will engage in discussions with experts and incorporate their contributions. Our in-depth study will focus on developing the fundamentals, exploring housing forms, and creating models of existing buildings. During our excursion to Paris, we will examine various residential buildings on site.

First Meeting: 18.4.2024, 10 am

(Bldg. 11.40, R 115)

Pin-Ups: to be announced
Mandatory excursion: Paris, travel dates will be announced

Submission/Presentation: 26.7.2024/1.8.2024

Form: Individual work or teamwork is possible

Languages: German/English is possible for the discussions of the projects

Team: Sebastian Multerer, Christian Inderbitzin, Anna Schork, Maximilian von Zepelin, Edda Zickert, Srdjan Zlokapa

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

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

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

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

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

Competence Certificate
Oral exam taking 15 minutes

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

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

Lecture (V)
On-Site

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

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

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

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

Oral exam: End of February 2024

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

Responsible: Willy Abraham
Andreas Heil
Anita Knipper
Manfred Neubig

Organisation: KIT Department of Architecture

Part of: M-ARCH-103602 - Key Qualifications

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

Modeled Conditions
The following conditions have to be fulfilled:

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

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

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

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

Modeled Conditions
The following conditions have to be fulfilled:

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

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 2024	1720501	Building Construction	4 SWS	Lecture / Practice (/ 🗣	Wappner, Schneemann, Klinge, Hörmann, Michalski, Tusinean, Häberle, 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

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

V Building Construction

1720501, SS 2024, 4 SWS, Language: German, Open in study portal

Lecture / Practice (VÜ)
On-Site

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

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

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

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

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

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

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

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

Prerequisites
none

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

V Basics of Design Theory (Exercise)

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

Practice (Ü)
On-Site

Content
As accompanying exercise to the lecture series «Grundlagen der Entwurfslehre» selected buildings are analysed. The aim of the exercise is to study concrete architectural buildings from different times under specific aspects such as spatial structure and functional structure and to present them with drawings and models.

Regular appointment: We, 10:00 - 11:15 / 20.40 Grüne Grotte

First meeting 25.10.2023 10:00 - 11:30 / 20.40 Fritz-Haller Hörsaal (HS37)

Submission/Exam: 17.01.-24.01-31.01.2024

V Basics of Design Theory

1710302, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The lecture series "Grundlagen der Entwurfslehre" deals with a broad spectrum of relevant architectural topics and serves as a foundation for your architectural vocabulary.

Appointment: We, 11:30 AM – 1:00 PM, 20.40. Fritz-Haller-Hörsaal (HS37)
First meeting: 08.11.2023, 11.30 AM, 20.40. Fritz-Haller-Hörsaal (HS37)
Submission/Exam: 28.02.2024

T 4.15 Course: Basics of Fire Protection [T-ARCH-110401]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: M-ARCH-103592 - Selected Topics of Building Physics

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

Events					
ST 2024	1720961	Sected Topics of Building Physics: Fire Protection	2 SWS	Lecture / 🗣	Wagner, Hermann

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

Competence Certificate
Oral exam of 15 minutes.

Prerequisites
none

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

V Sected Topics of Building Physics: Fire Protection

1720961, SS 2024, 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.. 03.05.2024, 09:45 AM

Submission/Exam: 09.08.2024

Number of Participants: 10

T 4.16 Course: Basics of Lighting Technology [T-ARCH-110403]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: M-ARCH-103592 - Selected Topics of Building Physics

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

Events					
WT 23/24	1720960	Selected Topics of Building Physics: Basics of Lighting Technology	2 SWS	Lecture / 🗣	Wagner, Alanis Oberbeck

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

Competence Certificate
Oral exam of 15 minutes.

Prerequisites
none

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

V Selected Topics of Building Physics: Basics of Lighting Technology

1720960, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
Students will gain an insight into lighting technology and lighting design from an architectural perspective. The lecture covers physical and physiological principles of light, questions of perception, the relationship between light and health, basic lighting terms, the use of daylight, artificial light sources and lighting control, as well as calculation and simulation methods. For qualification objectives see module manual.

Appointment: Mon. 11:30 AM - 15:30 PM fortnightly, 20.40, Grüne Grotte

First meeting: 30.10.2023, 11:30 AM - 15:30 PM

Submission/Exam: 01.03.2024

Number of Participants. 10

Attention: This lecture with a volume of 2 credits is part of the module „Selected Topics of Building Physics". It can be combined with "Noise Protection" in the winter term or with "Fire Protection" or "Energy-efficient Buildings" in the summer term.

T 4.17 Course: Basics of Planning Energy-Efficient Buildings [T-ARCH-110402]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: M-ARCH-103592 - Selected Topics of Building Physics

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

Events					
ST 2024	1720962	Sected Topics of Building Physics: Energy Efficient Buildings	2 SWS	Lecture / 🗣	Wagner

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

Competence Certificate
Oral exam of 15 minutes.

Prerequisites
none

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

V Sected Topics of Building Physics: Energy Efficient Buildings
1720962, SS 2024, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
In the lecture module 'Energy-efficient Buildings' concepts and technologies for heat protection, solar buildings, passive cooling and energy supply with renewable energies are investigated. Besides addressing fundamental knowledge, construction and design related aspects are discussed in the context of the named topics on the basis of examples from practice. For qualification targets see module handbook.

Appointment: Tues. 09:45 AM - 11:15 AM R240 Bauko

First meeting: Tues. 16.04.2024, 09:45 AM

Submission/Exam: 06.08.2024/07.08.2024

Number of Participants: 10

T 4.18 Course: Basics Sound Insulation [T-ARCH-110400]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: M-ARCH-103592 - Selected Topics of Building Physics

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

Events					
WT 23/24	1720961	Selected Topics of Building Physics: Basics Sound Insulation	2 SWS	Lecture / 🗣	Wagner, Grunau

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

Competence Certificate
Oral exam of 15 minutes.

Prerequisites
none

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

V Selected Topics of Building Physics: Basics Sound Insulation

1720961, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
Students are given an in-depth insight into noise protection, sound insulation of buildings and room acoustics. The lecture covers physical fundamentals of sound characteristics and propagation, properties of materials and components, design and construction details as well as building services components for sound insulation and room acoustics. For qualification objectives see module manual.

Appointment: Fr, 11:30 AM - 01:00 PM, 20.40, Architektur, HS. 9

First meeting: Fr, 27.10.2023, 11:30 AM - 01:00 PM, HS. 9

Fr 14:00 PM-15:30 PM 20.40 Architektur, HS. 9

Submissio/Exam: 26.02.2024

Number of Participants: 10

Attention: This lecture with a volume of 2 credits is part of the module „Selected Topics of Building Physics". It can be combined with "Lighting Technologies" in the winter term or with "Fire Protection" or "Energy-efficient Buildings" in the summer term.

T 4.19 Course: Basis Course Photogrammetry [T-BGU-107444]

Responsible: Dr.-Ing. Thomas Vögtle
Organisation: KIT Department of Civil Engineering, Geo and Environmental Sciences
Part of: M-BGU-104004 - Basis Course Photogrammetry

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

Events					
WT 23/24	6072203	Basis Course Photogrammetry	3 SWS	Lecture / Practice (/)	Weidner
ST 2024	6072203	Basis Course Photogrammetry	3 SWS	Lecture / Practice (/)	Weidner

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

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

Prerequisites
none

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

V Basis Course Photogrammetry

6072203, WS 23/24, 3 SWS, Language: German, Open in study portal

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

Content
After the differentiation of the photogrammetry over other measuring procedures recording systems, basic admission as well as evaluation procedures are presented in detail. In practical exercises, these are translated into real examples.

Appointment: Fr, 09:45 - 13:00, Schwidefsky HS / SKY

1st meeting: Fri, 27.10.2023

Exam / Final preseantation: 08.12.2023

Organizational issues
1. Hälfte der Vorlesungszeit

V Basis Course Photogrammetry

6072203, SS 2024, 3 SWS, Language: German, Open in study portal

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

Content
After the differentiation of the photogrammetry over other measuring procedures recording systems, basic admission as well as evaluation procedures are presented in detail. In practical exercises, these are translated into real examples.

Appointment: Fr, 11:30 - 15:30

1st meeting: Fri, 22.04.2022

Number of participants: 10 Master,10 Bachelor

T 4.20 Course: Building Construction [T-ARCH-107294]

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

Part of: M-ARCH-103557 - Building Construction

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

Events					
WT 23/24	1720501	Building Construction (Lecture)	2 SWS	Lecture /	Wappner
WT 23/24	1720502	Building Construction (Exercise)	1 SWS	Practice /	Wappner

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

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

Prerequisites
none

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

V Building Construction (Lecture)

1720501, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The lecture series "Baukonstruktion" (Building Technology) is structured similarly to the second semester lectures and is tied closely to the content of the studio projects and aims to complement the design studio work with essential information.

Lecture content is structured following design principles and methods, spanning from large scale structural systems to joint details and their architectural and space-defining properties. These elements of a comprehensive architectural design project are being illustrated, analysed in order to finally be implemented into the design studio. The lectures don't solely aim at transferring rigid technical information, but strive to sharpen the implicit awareness that design and construction technologies form a cohesive unity within architectural design.

The lecture series is intended as an aid and encouragement for autodidactic learning, which is an essential building block of successful design work and architectural education at the KIT.

First meeting: Wednesday, 19th October 2022, 11:30 AM - 13:00 PM

Submission: Monday, 13th February 2023

Exam: Wednesday, 15th February 2023

V Building Construction (Exercise)

1720502, WS 23/24, 1 SWS, Language: German, Open in study portal

Practice (Ü)
Blended (On-Site/Online)

Content
First meeting: Wed, 19.10.2022, 11:30 am, Building 20.40, Egon-Eiermann-Hörsaal (HS16)

T 4.21 Course: Building Materials Science [T-ARCH-107290]

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

Part of: M-ARCH-103553 - Building Materials Science

Type	Credits	Grading scale	Recurrence	Version
Written examination	4	Grade to a third	Each winter term	2

Events					
WT 23/24	1720603	Building Material Science	2 SWS	Lecture / 🗣	Hebel, Böhm

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

Competence Certificate
Written exam taking about 90 minutes.

Prerequisites
none

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

V Building Material Science

1720603, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The lecture series provides an overview of the origin or production as well as the specific properties and application possibilities of the most important building materials. Aspects of the sensible use of the materials, resistance and protective measures, advantages and disadvantages compared to other building materials, as well as examples of outstanding applications in historical and contemporary buildings are presented. In addition to well-known and widely used building materials, new and alternative materials and their research are discussed. The students should be taught a respectful and sustainable understanding of materials, whereby the knowledge of the specific characteristics and possible applications of the materials should naturally be incorporated into the design planning.

First Lecture: 27.10.2023

Examination: 23.02.2024

T 4.22 Course: Building Physics [T-ARCH-107293]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture

Part of: M-ARCH-103556 - Building Physics

Type	Credits	Grading scale	Recurrence	Version
Oral examination	4	Grade to a third	Each summer term	2

Events					
ST 2024	1720952	Building Physics	2 SWS	Practice / 🗣	Wagner, Mann, Rissetto
ST 2024	1720953	Building Physics	2 SWS	Lecture / 🗣	Wagner, Rissetto, Mann

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

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

Prerequisites
none

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

V Building Physics

1720952, SS 2024, 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. 22.04.2024, 09:45 AM

Submission/Exam: 30.07.2024/31.07.2024

V Building Physics

1720953, SS 2024, 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. 15.04.2024, 11:30 AM

Submission/Exam: 31.07.2024

Literature
Literaturhinweise werden in der Veranstaltung bekanntgegeben.

T 4.23 Course: Building Services [T-ARCH-107296]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture

Part of: M-ARCH-103559 - Building Services

Type	Credits	Grading scale	Recurrence	Version
Oral examination	4	Grade to a third	Each winter term	3

Events					
WT 23/24	1720951	Building Services (Lecture)	2 SWS	Lecture / 🗣	Wagner
WT 23/24	1720952	Building Services (Exercise)	2 SWS	Practice / 🗣	Mann, Rissetto, Kleber, Wagner

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

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

Prerequisites
none

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

V Building Services (Lecture)

1720951, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
In this lecture module, the topics media supply, heating and ventilation, fresh water supply, waste water systems, cooling/ air-conditioning, lighting technology, electrical systems as well as installation planning are addressed. Besides the explanation of the functionality of the regarded systems and their components as well as their relevant key indicators, the practical execution and the architectural design context is a main concern. For qualification targets see module handbook.

Appointment: Mon, 11:30 AM - 13:00 PM 20.40 Fritz-Haller-Hörsaal

First meeting: Mon, 24.10.2022, 09:45 AM

Submission/Exam: 19./20.02.2024

V Building Services (Exercise)

1720952, WS 23/24, 2 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
In the exercise module the sizing of different systems and components of a building's technical services is practiced as well as the conceptional design of different systems in the context of the architectural building design. In this regard, methods and calculation routines/tools are introduced for sizing the systems and for calculating the total energy consumption of buildings.

Appointment: Mon, 09:45 AM - 11:15 AM, Fritz-Haller-Hörsaal

First meeting: Mon, 30.10.2023, 09:45 AM

Submission/Exam: 07.03.2023

T 4.24 Course: Building Survey [T-ARCH-107337]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture

Part of: M-ARCH-103596 - Building Survey

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

Events					
WT 23/24	1741374	Selected Areas of Building Documentation: Designing from History _ Grünwedelhaus in Jöhlingen	2 SWS	Practice / 🗣	Busse

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

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

Prerequisites
none

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

V Selected Areas of Building Documentation: Designing from History _ Grünwedelhaus in Jöhlingen

Practice (Ü) On-Site

1741374, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
Recording and analysis of an as yet unexplored inventory object in archival records and the evaluation of a point cloud generated by scanning into 2D plans and a 3D model.

In a feasibility study, concrete architectural challenges of preservation, addition and renewal are also investigated and constructively planned for this object. The study is based on detailed research into the building's construction and transformation history, as well as the documentation and evaluation of its current structural condition. Qualities, new requirements and structural deficiencies are analysed and lead to constructive solutions by comparing variants.

The task includes intensive research in literature, plan and document archives, as well as the documentation of the current condition of the object.

Mandatory day excursion on 31.10.2023 to Jöhlingen.

Submission/ Presentation: Paper

Number of participants: 15

T 4.25 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 2024	1741356	Building Survey and Survey	2 SWS	/	Medina Warmburg, Juretzko, Busse

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

Competence Certificate
Completed Coursework consisting of the results of the tutorial Structural Recording (group work) in form of plans and texts that portray the inspected object.

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

V Building Survey and Survey

1741356, SS 2024, 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 in groups of two, which in turn are placed in groups of four, in which they organize themselves.

Several groups of two are assigned to a tutor, with whom they can arrange supervision appointments on designated days. At least once each assignment must be submitted to the tutor for correction.

Submission /Exam: 26.07.2024

T 4.26 Course: Communication of Architecture and Scientific Methodology [T-ARCH-107302]

Responsible: Prof. Dr. Riklef Rambow
Organisation: KIT Department of Architecture

Part of: M-ARCH-103565 - Communication of Architecture and Scientific Methodology

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

Events					
ST 2024	1710450	Introduction to the Communication of Architecture	2 SWS	Lecture / 🗣	Rambow
ST 2024	1710451	Scientific Methods for Architecture	2 SWS	Lecture / 🗣	Rambow

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

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

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

V Introduction to the Communication of Architecture

1710450, SS 2024, 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: 15.08.2024

V Scientific Methods for Architecture

1710451, SS 2024, 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: 15.08.2024

T 4.27 Course: Construction Economics and Project Management [T-ARCH-111670]

Responsible: Hon.-Prof. Kai Fischer
Organisation: KIT Department of Architecture
Part of: M-ARCH-105813 - Construction Economics and Project Management

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

Events					
WT 23/24	1720616	Building Economics and Project Management	2 SWS	Lecture / 🗣	Fischer

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

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

Prerequisites
none

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

V Building Economics and Project Management

1720616, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
This lecture imparts competences required for profitable planning and execution of building projects. The topics include demand planning at the beginning of a project, various methods concerning the contracting and the building construction as well as tools of budgeting and project management evaluation applied in real practice. The acquired knowledge will be applied in a project work. For qualification targets see module handbook.

First meeting: Mo, 23.10.2023

Submission/Exam: 04.03.2024

T 4.28 Course: Design in Studio Context [T-ARCH-109961]

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

Organisation: KIT Department of Architecture

Part of: M-ARCH-103550 - Studio Context

Type	Credits	Grading scale	Recurrence	Expansion	Version
Examination of another type	10	Grade to a third	Each summer term	1 terms	2

Events					
ST 2024	1731067	Design in Studio Context: Knowledge Landscapes Heilbronn - Urban Transformations between Industry, Garden Show and Education (Neppl)	5 SWS	Project (P / 🗣	Neppl, Haug, Hetey
ST 2024	1731152	Design in Studio Context. Knowledge Landscapes Heilbronn - Urban Transformations between Industry, Garden Show and Education (Engel)	5 SWS	Project (P / 🗣	Engel, Staab, Lev
ST 2024	1731201	Design in Studio Context: Knowledge Landscapes Heilbronn - Urban transformations between industry, Garden Show and Education (Bava)	5 SWS	Project (P / 🗣	Bava

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

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

Prerequisites
Successful completion of the module "Studio Material".

Modeled Conditions
The following conditions have to be fulfilled:

1. The module M-ARCH-103549 - Studio Material must have been passed.

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

V Design in Studio Context: Knowledge Landscapes Heilbronn - Urban Transformations between Industry, Garden Show and Education (Neppl)

Project (PRO)
On-Site

1731067, SS 2024, 5 SWS, Language: German, Open in study portal

Content
The appeal of cities remains unchangeable. The constant population growth is generating an increasing demand for space, not only for housing but also for commerce, production, open spaces, and social infrastructure. In view of climate change, it is also difficult to justify outward development. The guiding principle is therefore: internal development before peripheral one. At the same time, however, this also increases the pressure on existing districts.
Medium-sized growing cities, in particular, have been confronted with this problem in recent years. This also applies to the city of Heilbronn, which successfully experimented with innovative solutions to these challenges with its city exhibition as part of the 2019 Federal Garden Show (BUGA). Due to the success of the BUGA, the extensive expansion of the university, and the realization of several “landmarks” projects, Heilbronn has recently undergone a veritable image transformation to become a "green city of knowledge" at the Neckar.
How can this reinvention of a city influence the urban transformation process of existing areas? Where should knowledge-related functions and residential buildings be positioned outside campus areas? And above all, what are the possible development concepts suitable for the former industrial areas of Heilbronn? In this year's studio, we would therefore like to take an in-depth look at the topics of transformation, dynamism, and the city's identity.

Appointment: Wed 2:00 pm–5:15 pm, Bldg. 11.40, R014

First Meeting: 17.04.2024, 2:00 pm, Bldg. 11.40, R014

Excursion: 19.04.2024, Heilbronn

Pin-up: 14.05.2024 and 18.06.2024

Presentation: 24.07.2024

V

Design in Studio Context. Knowledge Landscapes Heilbronn - Urban Transformations between Industry, Garden Show and Education (Engel)
1731152, SS 2024, 5 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

Content
The appeal of cities remains unchangeable. The constant population growth is generating an increasing demand for space, not only for housing but also for commerce, production, open spaces, and social infrastructure. In view of climate change, it is also difficult to justify outward development. The guiding principle is therefore: internal development before peripheral one. At the same time, however, this also increases the pressure on existing districts. Medium-sized growing cities, in particular, have been confronted with this problem in recent years. This also applies to the city of Heilbronn, which successfully experimented with innovative solutions to these challenges with its city exhibition as part of the 2019 Federal Garden Show (BUGA). Due to the success of the BUGA, the extensive expansion of the university, and the realization of several “landmarks” projects, Heilbronn has recently undergone a veritable image transformation to become a "green city of knowledge" at the Neckar.

How can this reinvention of a city influence the urban transformation process of existing areas? Where should knowledge-related functions and residential buildings be positioned outside campus areas? And above all, what are the possible development concepts suitable for the former industrial areas of Heilbronn? In this year's studio, we would therefore like to take an in-depth look at the topics of transformation, dynamism, and the city's identity.

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

First Meeting: Tue 16.04.2024, 02:00 pm, 11.40 Tullahalle

Excursion: Fri 19.04.2024, Heilbronn

Pin-Up: Tue 14.05.2024 and Tue 18.06.2024, 2:00 pm

Presentation: Wed 24.07.2024

form: group of 4 students

V

Design in Studio Context: Knowledge Landscapes Heilbronn - Urban transformations between industry, Garden Show and Education (Bava)
1731201, SS 2024, 5 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

Content
The appeal of cities remains unchangeable. The constant population growth is generating an increasing demand for space, not only for housing but also for commerce, production, open spaces, and social infrastructure. In view of climate change, it is also difficult to justify outward development. The guiding principle is therefore: internal development before peripheral one. At the same time, however, this also increases the pressure on existing districts. Medium-sized growing cities, in particular, have been confronted with this problem in recent years. This also applies to the city of Heilbronn, which successfully experimented with innovative solu-tions to these challenges with its city exhibition as part of the 2019 Federal Garden Show (BUGA). Due to the success of the BU-GA, the extensive expansion of the university, and the realization of several “landmarks” projects, Heilbronn has recently under-gone a veritable image transformation to become a "green city of knowledge" at the Neckar.
How can this reinvention of a city influence the urban transformation process of existing areas? Where should knowledge-related functions and residential buildings be positioned outside campus areas? And above all, what are the possible development con-cepts suitable for the former industrial areas of Heilbronn? In this year's studio, we would therefore like to take an in-depth look at the topics of transformation, dynamism, and the city´s identity.

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

First Meeting: 17.04.2024, 2:00 pm, Bldg. 11.40, R127

Excursion: 19.04.2024, Heilbronn

Pin-Up: 15.05.2024 and 19.06.2024

Submission/Presentation: 24.07.2024

Form: Groups of 4

T 4.29 Course: Design in Studio Material [T-ARCH-109960]

Responsible: Prof. Ludwig Wappner
Organisation: KIT Department of Architecture
Part of: M-ARCH-103549 - Studio Material

Type	Credits	Grading scale	Recurrence	Expansion	Version
Examination of another type	10	Grade to a third	Each winter term	1 terms	1

Events					
WT 23/24	1720520	Design in Studio Material Schneemann: WerkRaum Karlsruhe	8 SWS	Project (P / 🗣	Schneemann, Hörmann, Wang, Tusinean
WT 23/24	1720521	Design in Studio Material Klinge: WerkRaum Karlsruhe	8 SWS	Project (P / 🗣	Klinge, Michalski, Weber
WT 23/24	1720522	Design in Studio Material Wappner: WerkRaum Karlsruhe	8 SWS	Project (P / 🗣	Wappner, Kochhan, Häberle, Hoffmann

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

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

Prerequisites
none

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

V Design in Studio Material Schneemann: WerkRaum Karlsruhe

1720520, WS 23/24, 8 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

Content
An important urban building block in the form of a research and workroom is to be added to the KIT Campus in the plot between Ernst-Gaber-Strasse, Engesserstrasse, and Adenauerring. As part of an interdisciplinary production platform, the new building is to offer generous and flexible spatial possibilities for the development and research of sustainable production methods for architecture and construction.

A column-free hall as an open and adaptable work laboratory in which all processes can variably take place at any location will be complemented by smaller specialized workshops, technical laboratory rooms, and offices for researchers, architects, and administrative staff, and will provide a representative signal for the KIT faculties at its prominent urban position.

The new building is to meet the functional and programmatic, as well as the ecological and conceptual requirements of a pioneering and innovative research and workshop in a special location in Karlsruhe.

Large spaces, in which a variety of practical experiments will be carried out, characterize the design: the structural and structural analysis of the "large space" will accompany the studio project, and represent an essential and intrinsic part of the design process.

Thus, a building will be created that offers a beautiful and relevant contribution to the current discourse around architecture and craft.

Presentation: 10/18/2023

Intermediate critique 1: 29.11.2023

Intermediate critique 2: 17.01.2024

Magic Week: 05.02.2024 - 09.02.2024

Plan submission: 12.02.2024

Final critique: 14.02.2024

V

Design in Studio Material Klinge: WerkRaum Karlsruhe

1720521, WS 23/24, 8 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

Content

An important urban building block in the form of a research and workroom is to be added to the KIT Campus in the plot between Ernst-Gaber-Strasse, Engesserstrasse, and Adenauerring. As part of an interdisciplinary production platform, the new building is to offer generous and flexible spatial possibilities for the development and research of sustainable production methods for architecture and construction.

A column-free hall as an open and adaptable work laboratory in which all processes can variably take place at any location will be complemented by smaller specialized workshops, technical laboratory rooms, and offices for researchers, architects, and administrative staff, and will provide a representative signal for the KIT faculties at its prominent urban position.

The new building is to meet the functional and programmatic, as well as the ecological and conceptual requirements of a pioneering and innovative research and workshop in a special location in Karlsruhe.

Large spaces, in which a variety of practical experiments will be carried out, characterize the design: the structural and structural analysis of the "large space" will accompany the studio project, and represent an essential and intrinsic part of the design process.

Thus, a building will be created that offers a beautiful and relevant contribution to the current discourse around architecture and craft.Presentation: 10/18/2023

Intermediate critique 1: 29.11.2023

Intermediate critique 2: 17.01.2024

Magic Week: 05.02.2024 - 09.02.2024

Plan submission: 12.02.2024

Final critique: 14.02.2024

V

Design in Studio Material Wappner: WerkRaum Karlsruhe

1720522, WS 23/24, 8 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

Content

An important urban building block in the form of a research and workroom is to be added to the KIT Campus in the plot between Ernst-Gaber-Strasse, Engesserstrasse, and Adenauerring. As part of an interdisciplinary production platform, the new building is to offer generous and flexible spatial possibilities for the development and research of sustainable production methods for architecture and construction.

A column-free hall as an open and adaptable work laboratory in which all processes can variably take place at any location will be complemented by smaller specialized workshops, technical laboratory rooms, and offices for researchers, architects, and administrative staff, and will provide a representative signal for the KIT faculties at its prominent urban position.

The new building is to meet the functional and programmatic, as well as the ecological and conceptual requirements of a pioneering and innovative research and workshop in a special location in Karlsruhe.

Large spaces, in which a variety of practical experiments will be carried out, characterize the design: the structural and structural analysis of the "large space" will accompany the studio project, and represent an essential and intrinsic part of the design process.

Thus, a building will be created that offers a beautiful and relevant contribution to the current discourse around architecture and craft.

Presentation: 10/18/2023

Intermediate critique 1: 29.11.2023

Intermediate critique 2: 17.01.2024

Magic Week: 05.02.2024 - 09.02.2024

Plan submission: 12.02.2024

Final critique: 14.02.2024

T 4.30 Course: Design in Studio Space [T-ARCH-109958]

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

Organisation: KIT Department of Architecture

Part of: M-ARCH-103547 - Studio Space

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	10	Grade to a third	Each winter term	1

Events					
WT 23/24	1710101	Design in Studio Space Frohn	8 SWS	Project (P / 🗣	Frohn, Gazzillo, Gernay, Mori
WT 23/24	1710201	Design in Studio Space Morger	8 SWS	Project (P	Morger, Kunkel, Schneider, Zaparta
WT 23/24	1710301	Design in Studio Space Hartmann: SOFT SPACE - Climatic Pavilions in Karlsruhe	8 SWS	Project (P / 🗣	Hartmann, Pereira da Cruz Rodrigues Santana, Garriga Tarres, Coricelli, Kadid

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

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

Prerequisites
none

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

V Design in Studio Space Frohn

1710101, WS 23/24, 8 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

Content
The studio Raum begins by inviting students to rediscover their everyday routines and their everyday environment as interlocking actions and experiences of making space and appropriating space. The seemingly familiar disappears in favor of again-to-be-discovered and redesigned spaces of possibility. Routiniers become discoverers and designers of the surprising in everyday life.

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

First meeting: Wed, 18.10.23, 02:00 PM, R127 (Building 11.40)

Excursion: 03. – 06.11.23

Submission/Exam: Wed, 14.02.24

V Design in Studio Space Morger

1710201, WS 23/24, 8 SWS, Language: German, Open in study portal

Project (PRO)

Content
The design course "Studio Raum" serves as an introduction to the phenomena of "architectural space" and to the "architectural elements" that form it. The semester is divided into three parts in which the participants are presented with a first approach to architecture from design to construction.

In Exercise 1 (The architectural elements), the elements foundation, wall, ceiling, opening and staircase are to coalesce in a concrete location to form a building in successive steps. An excursion will allow us to observe the interplay of these elements in built reality.

In Exercise 2 (The architectural space), this experience gained through the previous two exercises is used to design pavilions in the courtyard of the Faculty of Architecture. These are to be developed on the basis of a given use and the material of the existing pavilion (re-use). Finally, the design will be erected in Exercise 3 in the courtyard as part of the «Bauwoche».

First meeting: 25.10.2023 02:00 pm, 20.40 R113, FG GBL

Excursion: 15.12. - 17.12.2023

Submission/Exam: 14.02.2024

Building Days: 20/21.03. & 25. – 28.03.24

V **Design in Studio Space Hartmann: SOFT SPACE - Climatic Pavilions in Karlsruhe** **Project (PRO) On-Site**
1710301, WS 23/24, 8 SWS, Language: German/English, Open in study portal

Content
In your first design as an architecture student, you will explore ways to transform space and its conditions beyond mere functionality. With more than 2000 hours of sunshine a year, Karlsruhe is one of the sunniest cities in Germany and calls for relief on the warmest days. What structural measures can support the use of public and communal spaces?

The bachelor studio "Soft Space: Climate Pavilions in Karlsruhe" aims to awaken students' interest in our cities' built environment and address the interface between public and private space. Following the Karlsruhe Passagehof tradition, we propose to create new pavilions for community living that can actively deal with the meteorological challenges of the city.

The semester consists of group and individual work facilitated by the instructors through weekly table discussions. Collaborative activities and sub-tasks accompany the project work:

- Excursion to the cloister La Tourette document and experience remarkable architectural spaces
- 'Toolbox': students learn and practice various architectural representations.
- Moderated group discussions
- Intermediate critiques
- Final critique: students present and discuss their projects before a panel of external guests.

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

First meeting: Wed 25.10.2023, 2:00 PM, Geb. 20.40 R204

Excursion: 3.11.- 6.11.2023

Final presentation: 14.02. / 15.02.2024

Form of work: Individual & group work

Language: German/English

T 4.31 Course: Design in Studio Structure [T-ARCH-109959]

Responsible: Prof. Ludwig Wappner
Organisation: KIT Department of Architecture
Part of: M-ARCH-103548 - Studio Structure

Type	Credits	Grading scale	Recurrence	Expansion	Version
Examination of another type	10	Grade to a third	Each summer term	1 terms	2

Events					
ST 2024	1720510	Design in Studio Structure: Vertical Sports (Schneemann)	8 SWS	Project (P / 🗣	Schneemann, Hörmann, Tusinean
ST 2024	1720511	Design in Studio Structure: Vertical Sports (Klinge)	8 SWS	Project (P / 🗣	Klinge, Michalski, Weber
ST 2024	1720512	Design in Studio Structure: Vertical Sports (Wappner)	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
Successful completion of the module "Studio Space".

Modeled Conditions
The following conditions have to be fulfilled:

1. The module M-ARCH-103547 - Studio Space must have been passed.

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

V Design in Studio Structure: Vertical Sports (Schneemann)

1720510, SS 2024, 8 SWS, Language: German/English, Open in study portal

Project (PRO)
On-Site

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 - 17:15

1st meeting: Wed, 10.04.24, 11:00 a.m.

Intermediate critique E1: Wed, 08.05.24, from 09:00 a.m.

Final presentation E1: Wed., 29.05.24, from 09:00 a.m.

Intermediate critique E2: Wed., 26.06.24, from 09:00 a.m.

Final presentation E2: Wed., 24.07.24, from 09:00 a.m.

Organizational issues

Regeltermin: Mo-Fr, 14:00 Uhr – 17:15 Uhr
1.Treffen: Mi, 10.04.24, 11:00 Uhr
Zwischenkritik E1: Mi., 08.05.24, ab 09:00 Uhr
Endpräsentation E1: Mi., 29.05.24, ab 09:00 Uhr
Zwischenkritik E2: Mi., 26.06.24, ab 09:00 Uhr
Endpräsentation E2: Mi., 24.07.24, ab 09:00 Uhr

V **Design in Studio Structure: Vertical Sports (Klinge)** **Project (PRO)**
1720511, SS 2024, 8 SWS, Language: German/English, Open in study portal **On-Site**

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 - 17:15

1st meeting: Wed, 10.04.24, 11:00 a.m.

Intermediate critique E1: Wed, 08.05.24, from 09:00 a.m.

Final presentation E1: Wed., 29.05.24, from 09:00 a.m.

Intermediate critique E2: Wed., 26.06.24, from 09:00 a.m.

Final presentation E2: Wed., 24.07.24, from 09:00 a.m.

V **Design in Studio Structure: Vertical Sports (Wappner)** **Project (PRO)**
1720512, SS 2024, 8 SWS, Language: German/English, Open in study portal **On-Site**

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 - 17:15

1st meeting: Wed, 10.04.24, 11:00 a.m.

Intermediate critique E1: Wed, 08.05.24, from 09:00 a.m.

Final presentation E1: Wed., 29.05.24, from 09:00 a.m.

Intermediate critique E2: Wed., 26.06.24, from 09:00 a.m.

Final presentation E2: Wed., 24.07.24, from 09:00 a.m.

Organizational issues

Regeltermin: Mo-Fr, 14:00 Uhr – 17:15 Uhr
1.Treffen: Mi, 10.04.24, 11:00 Uhr
Zwischenkritik E1: Mi., 08.05.24, ab 09:00 Uhr
Endpräsentation E1: Mi., 29.05.24, ab 09:00 Uhr
Zwischenkritik E2: Mi., 26.06.24, ab 09:00 Uhr
Endpräsentation E2: Mi., 24.07.24, ab 09:00 Uhr

T 4.32 Course: Design in Studio System [T-ARCH-109962]

Responsible: Prof.Dipl.-Ing. Dirk Hebel
Prof. Christian Inderbitzin

Organisation: KIT Department of Architecture

Part of: M-ARCH-103551 - Studio System

Type	Credits	Grading scale	Recurrence	Expansion	Version
Examination of another type	10	Grade to a third	Each winter term	1 terms	1

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

Prerequisites
none

T 4.33 Course: Fundamentals of Town Planning [T-ARCH-106581]

Responsible: Prof. Henri Bava
Prof. Dr.-Ing. Barbara Engel
Organisation: KIT Department of Architecture
Part of: M-ARCH-103571 - Basics of Urban Planning

Type	Credits	Grading scale	Recurrence	Version
Oral examination	4	Grade to a third	Each summer term	5

Events					
ST 2024	1731151	Basics of Urban Planning: Reading and Designing the City. (Engel)	2 SWS	Lecture / 🗣	Engel
ST 2024	1731203	Basics of Urban Planning: Landscapearchitecture (Bava)	2 SWS	Lecture / 🗣	Bava, Romero Carnicero

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

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

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

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

1731151, SS 2024, 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 17.04.2024

Exam: 30.07.2024, 31.07.2024, 02.08.2024

V Basics of Urban Planning: Landscapearchitecture (Bava)

1731203, SS 2024, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The lectures introduce and deepen the basic understanding of urban design and urban planning in relationship with the most relevant landscape elements. From geography and geology to rivers green public spaces of the city, they all influence on urban decisions, and their effect is alayzed critically. The lectures provide the necessary content and theoretical foundations for the design work in the "Studio context". Design-relevant topics are discussed analyzing concrete examples.

First Meeting: 24.04.2024, 11:30 am - 1:00 pm, Bldg.20.40, Neuer Hörsaal (NH)

Lectures Dates: 08.05.2024, 29.05.2024, 05.06.2024, 19.06.2024, 26.06.2024

Exam: 30.07.2024, 31.07.2024, 02.08.2024

T 4.34 Course: History of Architecture and Urban Planning 2 [T-ARCH-111656]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: M-ARCH-105810 - History of Architecture and Urban Planning and Urban Development

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

Events					
WT 23/24	1741351	History of Architecture and Urban Planning 2	2 SWS	Lecture / 🗣	Medina Warmburg

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

Competence Certificate
Written exam taking 60 minutes on the contents of the lecture.

Prerequisites
none

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

V History of Architecture and Urban Planning 2

1741351, WS 23/24, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
This lecture series, the first of two consecutive modules, examines in chronological order the development of architecture and urban planning across the ages. We will tackle the task of analyzing the driving forces and factors that have determined the cultural change in both the production and the interpretation of architecture and the city. The goal is to describe these changes and to understand their historical logic. Buildings will be addressed as components of the broader city system and the latter will be interpreted in its intertwining with the territorial structure.The lectures in Architecture and Urban History 1 are devoted to the beginnings of architecture and city planning with particular focus to their development from Antiquity to the Early Modern Period.The lecture is accompanied by exercises in which the students dedicate themselves to historical building analysis of selected examples in their particular urban and territorial context.

Exam: 22.02.2024

T 4.35 Course: History of Architecture and Urban Planning 3 [T-ARCH-111665]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: M-ARCH-105811 - History of Architecture and Urban Planning and Building Survey

Type	Credits	Grading scale	Recurrence	Version
Written examination	2	Grade to a third	Each summer term	1

Events					
ST 2024	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 2024, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
This lecture series on the history of urban planning examines in chronological order the development of architecture and urban planning across the ages. We will tackle the task of analyzing the driving forces and factors that have determined the cultural change in both the production and the interpretation of the relationship between architecture and the city. The goal is to describe these transformations and to understand their historical logic. Buildings will be addressed as components of the broader city system and the latter will be interpreted in its intertwining with the territorial structure.This module addresses the fundamental changes in architecture and the city in the 20th Century.The focus is on the deep socio-cultural, economic and ecological consequences of industrialization and capitalist production on the modern conceptions of the disciplines of architecture and urban planning. The lecture is accompanied by an exercise in which the students get to know and apply the methods of building surveying(see separate description of this part of the module).

Appointment: Fri 09:45-11:15 pm, Bldg. 20.40, Fritz-Haller-Hörsaal

Exam: 08.08.2024

T 4.36 Course: In-depth Surveying for Architects [T-BGU-107443]

Responsible: Dr.-Ing. Manfred Juretzko
Organisation: KIT Department of Civil Engineering, Geo and Environmental Sciences
Part of: M-BGU-104002 - In-depth Surveying for Architects

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

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

Prerequisites
none

T 4.37 Course: Internship [T-ARCH-107703]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-103602 - Key Qualifications

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

Events					
WT 23/24	1700041	Construction Internship		Practical course	
ST 2024	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

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

V Construction Internship

1700041, WS 23/24, SWS, Language: German/English, Open in study portal

Practical course (P)

Content
In the Key Qualifications module, a construction internship in the main construction trade amounting to

120 hours working time (3 weeks full-time/4 CP) SPO2016

90 hours working time (12 days full-time/3 CP) SPO2021

can also be credited. For the recognition an internship report of at least 3 pages has to be prepared and has to be submitted to the Dean's Office of Studies of the KIT-Department of Architecture with a certificate of the company about content and working hours of the internship.

V Construction Internship

1700047, SS 2024, 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 SPO 2016: 3 weeks full-time/4 LP, SPO 2021: 2 weeks full-time/ 3 LP can also be credited. For the recognition an internship report of at least 3 pages has to be prepared and has to be submitted to the Dean's Office of Studies of the KIT-Department of Architecture with a certificate of the company about content and working hours of the internship.

T 4.38 Course: Key Qualifications at the HoC, ZAK or Sprachenzentrum [T-ARCH-110592]

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

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

Competence Certificate
The progress monitoring takes place in the form of completed coursework that varies type-wise and scope-wise, depending upon the course taken.

Prerequisites
none

Self service assignment of supplementary stdues
This course can be used for self service assignment of grade aquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Zentrum für Angewandte Kulturwissenschaft und Studium Generale

T 4.39 Course: Law for Architects and Construction Planning Law [T-ARCH-111669]

Responsible: Helmut Ebersbach
Hon.-Prof. Dr. Jörg Menzel
Organisation: KIT Department of Architecture
Part of: M-ARCH-105814 - Law for Architects and Construction Planning Law

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

Events					
ST 2024	1731154	Law for Architects	2 SWS	Lecture / Practice (/ 🗣	Fahl
ST 2024	1731156	Construction Planning Law	2 SWS	Lecture / Practice (/ 🗣	Menzel, Finger

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

Competence Certificate
Written exam lasting 120 minutes.

Prerequisites
none

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

V Law for Architects

1731154, SS 2024, 2 SWS, Language: German, Open in study portal

Lecture / Practice (VÜ)
On-Site

Content
The practice-oriented treatment of the building and architect contract with VOB and HOAI as well as entrepreneurial activity forms of the practice of the architect profession, copyright architect right, professional liability insurance, architect competition, etc. are thematized.

Appointment: Mon, 11:30 am - 01:00 pm, 20.40 Egon-Eiermann-Hörsaal (HS16)

First meeting: Mon 15.04.2024

Submission/Exam: Mon 05.08.2024

V Construction Planning Law

1731156, SS 2024, 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 15.04.2024

Exam: Mo 05.08.2024

T 4.40 Course: Methodicial and Technical Planning Tools [T-ARCH-107329]

Responsible: Prof. Dr.-Ing. Petra von Both
Organisation: KIT Department of Architecture

Part of: M-ARCH-103589 - Methodicial and Technical Planning Tools

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

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

Prerequisites
none

T 4.41 Course: Principles of Building Studies and Design [T-ARCH-107309]

Responsible: Prof. Meinrad Morger
Organisation: KIT Department of Architecture

Part of: M-ARCH-103572 - Principles of Building Studies and Design

Type	Credits	Grading scale	Recurrence	Version
Written examination	4	Grade to a third	Each summer term	2

Events					
ST 2024	1710202	Principles of Building Studies and Design	2 SWS	Lecture / 🗣	Morger, Schneider

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

Competence Certificate
Written exam lasting approx. 60 minutes on the contents of the lecture.

Prerequisites
Requirement for the exam application is having passed the completed coursework "Basics of Building Theory – Practical Course".

Modeled Conditions
The following conditions have to be fulfilled:

1. The course T-ARCH-109233 - Principles of Building Studies and Design - Practical Course must have been passed.

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

V Principles of Building Studies and Design

1710202, SS 2024, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
Building typology is the study of how architecture comes together. It is the study of collected information on buildings, but also of seeing and understanding interrelationships and principles of order. In the natural sciences classification – or taxonomy – was a first step toward understanding how natural processes take place. In architecture, building types are conventionally classified according to their uses in order to be subject to exemplary study. The lectures´ chronologies trace the continuous evolution of important types from their origins until the present. The lectures are supplemented by a series of exercises.

Appointment: Tue.

First meeting: Tue. 16.04.2024, 11:30 HS Egon Eiermann

Exam: Tue. 012.08.2024

T 4.42 Course: Principles of Building Studies and Design - Practical Course [T-ARCH-109233]

Responsible: Prof. Meinrad Morger
Organisation: KIT Department of Architecture

Part of: M-ARCH-103572 - Principles of Building Studies and Design

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

Events					
ST 2024	1710203	Principles of Building Studies and Design	2 SWS	Practice / 🗣	Morger, Schneider

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

Competence Certificate
The completed coursework consists of several tutorials connected to the lecture contents which need to be taken during the semester.

Prerequisites
none

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

V Principles of Building Studies and Design

1710203, SS 2024, 2 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
The lectures 'Principles of Building Studies and Design' are supplemented by a series of exercises.

Appointment: Tue. 08:00 - 11:15 am

First meeting: Tue. 23.04.2024

T 4.43 Course: Selected Topics of Accessibility [T-ARCH-113245]

Responsible: Prof. Dr. Caroline Karmann
Organisation: KIT Department of Architecture
Part of: M-ARCH-106573 - Selected Topics of Accessibility

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

Events					
WT 23/24	1720561	Selected Topics of Accessibility: Dis/ability and Built Spaces	4 SWS	Seminar /	Karmann, Riemann, Song
WT 23/24	1720570	Selected Topics of Accessibility: Designing a space for someone unlike you	4 SWS	Seminar /	Karmann
ST 2024	1720553	Selected Topics of Accessibility: Mapping Accessibility	4 SWS	Lecture / Practice (/	Karmann, Song, Yildiz

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

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

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

V Selected Topics of Accessibility: Dis/ability and Built Spaces

1720561, WS 23/24, 4 SWS, Language: English, Open in study portal

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

Content
This course provides undergraduate and graduate students with an exploration of (in)accessibility through the analyses of spaces including rich input from various guests. Supplemented by normative guidance, precedents on universal design, and readings on inclusion, provide a comprehensive introduction to accessibility and a critical examination of the design of spaces that often remain exclusive. This course is structured around analyses and design projects. Site visits are planned as part of this course.

Regular times: Friday, 14:00-17:15
First Meeting: Friday 27.10.2023
Exam date: Friday 08.03.2024
Excursion: Mandatory. The date will be arranged in the seminar.

V Selected Topics of Accessibility: Designing a space for someone unlike you

1720570, WS 23/24, 4 SWS, Language: English, Open in study portal

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

Content
Inspired by an architecture studio taught at Berkeley, this course includes people with disabilities who will co-instruct the seminars and act as clients and experts in the design of spaces. Course materials (theoretical approaches and design guidelines) will complement the themes addressed by these clients experts. The task for architecture students will be not only to learn how to design accessible spaces, but also to listen to people's needs and communicate about space and design intentions in an inclusive way.

Regular times: Friday, 9:45-13:00
First Meeting: Friday, 27.10.2023
Exam date: Friday, 08.03.2024
Excursion: Mandatory. The date will be arranged in the seminar.

V Selected Topics of Accessibility: Mapping Accessibility

1720553, SS 2024, 4 SWS, Language: English, Open in study portal

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

Content
This course offers both undergraduate and graduate students an in-depth exploration of accessibility mapping. Starting with a comprehensive introduction to key themes like ableism, disability justice, universal design, accessibility and inclusion, the course progresses to critically examine the accessibility and inaccessibility of the built environment through innovative mapping tools. Using the campus as a living example, the seminar aims to provide a holistic understanding of different types of disabilities and their needs, diverse accessibility features of the campus environment and mapping them for disabled users. In addition, guest speakers, experts in accessibility and cartography, will be invited throughout the semester.

First Meeting: Friday 19.04.2024, 9:45 am

Regular Meetings: Fridays, 9:45am - 13:00 pm, Precence/Online

Exam/Dilivery: Friday 09.08.2024, 9:45 am presentation of final project

Organizational issues

T 4.44 Course: Selected Topics of Architectural Theory [T-ARCH-107324]

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

Part of: M-ARCH-103584 - Selected Topics of Architectural Theory

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

Events					
WT 23/24	1710404	Selected Topics of Architectural Theory: Modernity's Waste Spaces	4 SWS	Seminar /	Meister
ST 2024	1710405	Selected Topics of Architectural Theory: Bathing Spaces	2 SWS	Seminar /	Wilkinson
ST 2024	1710411_01	Selected Topics of Architectural Theory: Architecture of Decision-Making	2 SWS	Seminar /	Knoop
ST 2024	1710413_01	Selected Topics of Architectural Theory: Architecture's Scales: Objects	2 SWS	Seminar /	Meister
ST 2024	1710415	Selected Topics of Architectural Theory: Critical Theory and Architecture	2 SWS	Seminar /	Wilkinson

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

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

Prerequisites
none

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

V Selected Topics of Architectural Theory: Modernity's Waste Spaces

1710404, WS 23/24, 4 SWS, Language: English, Open in study portal

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

Content
In view of the problem of modernity's waste, this seminar will focus on modernity's waste spaces: dumps, sewers, camps, abandoned malls, etc.
These are by-products of modernisation and production sites/repositories of modernity's refuse, including its 'human waste', to use Zygmunt Bauman's (problematic) phrase.
Though excluded from the canon and from modernist spaces themselves, these are in fact co-constitutive: modernist space and modernity's waste spaces produce each other.

We will analyze sources in various media and examples from around the world. In view of the fact that modernisation is a dialectical process, we will also look at designers' attempts to reform and reuse waste spaces.

Introduction: Fri., 27.10.2023, 9:45am - 1:00pm

Last date: Fri., 31.01.2024

Number of Participants: 7

V Selected Topics of Architectural Theory: Bathing Spaces

1710405, SS 2024, 2 SWS, Language: English, Open in study portal

Seminar (S)
On-Site

Content
Humans have always built bathing facilities, whether for religion, pleasure, hygiene, or sport. In this seminar we will consider examples from many times and places, from pre-Columbian America to modern Tokyo, gay saunas to Olympic pools. We will also read a variety of texts, including theological, phenomenological, and Foucauldian theories of the body in space. Bathing spaces can be democratic (hence the Russian saying, 'there are no epaulettes in the banya'), but they can also exclude groups like women, the disabled, and the racialised. The unusual nudity of the pool brings social tensions to the surface, while offering a vision – which may be a mirage – of a radically equal space.

Focus of study: Architectural and Cultural Heritage

The seminars and lectures will take place 6 times Tuesday 14:00-15:30pm and 6 times Wednesday 9:45-11:15am.
16.04,17.04, 30.04, 1.05, 14.05, 15.05, 4.06, 5.06, 18.06, 19.06, 2.07, 3.07.
Tue 09.07 17-20pm: Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 7

V **Selected Topics of Architectural Theory: Architecture of Decision-Making** **Seminar (S) On-Site**
1710411_01, SS 2024, 2 SWS, Language: German/English, Open in study portal

Content
Façades, portals, and assembly halls are architectural symbols of political decision-making and power. But utility rooms, furniture, and room layouts are often overlooked. Yet it is precisely in long corridors, at round tables or in front of fixed television cameras that politically significant decisions are discussed, agreed, and announced. How do these spaces and objects correlate with political systems? What power can emanate from them? These and other questions will be discussed with the help of architectural theory texts on power and architecture, the analysis of case studies and a Stegreif-Design. The course is designed as a reading and research seminar. The Stegreif (MA-Arch) is mandatory.

Focus of study: Architectural and Cultural Heritage

Mondays 14:00-17:15h, 6 meetings per semester + introduction + final event
22.04. 14:00-15:30h Introduction
29.04. 1st meeting
06.05. 2nd meeting
13.05. 3rd meeting
17.06. 4th meeting
24.06. 5th meeting
01.07. 6th meeting
Tue 09.07. 17-20h Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 7

V **Selected Topics of Architectural Theory: Architecture's Scales: Objects** **Seminar (S) Blended (On-Site/Online)**
1710413_01, SS 2024, 2 SWS, Language: English, Open in study portal

Content
The scales of architecture are not limited to buildings, nor is the impact of architecture. Rather, built environments are configured by architectural objects of different scales: from molecular particles to buildings, cities or even abstract ideas, by the human bodies that build and sustain them. In this seminar we will ask what makes architecture an object. To this end, we will examine six case studies of different scales - from the development of standardized objects to the question of the objectification of architecture as a "gift". The seminar will be taught in collaboration with Prof. Dr. Alla Vronskaya, University of Kassel, and the Kunsthistorisches Institut in Florenz - Max Planck Institute. Meeting together biweekly (connecting online to the other group), we will discuss a text by a leading contemporary scholar, followed by an evening lecture and discussion session with the author.

Focus of study: Architectural and Cultural Heritage

The seminars and lectures will take place 6 times Wednesday 10-11:30 and 6 times Thursdays, partially online. Exact dates will be communicated soon.
Tue 09.07. 17-20h Final event at the Architekturschaufenster: AT goes A SF

V **Selected Topics of Architectural Theory: Critical Theory and Architecture** **Seminar (S) On-Site**
1710415, SS 2024, 2 SWS, Language: English, Open in study portal

Content
Critical theory is a tradition of thought that began 100 years ago in Germany: it is the argument of this lecture series that it is still useful for thinking about architecture today. Beginning with Siegfried Kracauer, a trained architect and frequent writer on the subject, and Walter Benjamin, who obsessively worked on the Parisian arcades, we will move on to their postwar descendants such as Jürgen Habermas, Manfredo Tafuri, and Angela Davis, exploring these thinkers' critique, their disputes, and their limitations.

Focus of study: Architectural and Cultural Heritage
4x lectures Mondays 17:30-19:00pm: 29.04, 13.05, 3.06, 17.06.

Number of Participants: 20

Literature
Teaching will be in English, some of the readings will also be available in German

T 4.45 Course: Selected Topics of Art History [T-ARCH-107335]

Responsible: Prof. Dr. Oliver Jehle
Organisation: KIT Department of Architecture

Part of: M-ARCH-103594 - Selected Topics of Art History

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

Events					
WT 23/24	1741320	Selected Topic of Art History: Travel Explorers, Scholars and artists in America	2 SWS	Seminar /	Báez-Rubi
WT 23/24	1741324	Selected Topics of Art History: Greek Artifices and their Legacy. Ancient Sources and Reception Cases from the Early Modern Period Onward	2 SWS	Seminar /	Muñoz Morcillo
WT 23/24	1741325	Selected Topic of Art History: The Avantgarde in America	2 SWS	Seminar /	Báez-Rubi
WT 23/24	1741326	Selected Topic of Art History: The "Discovery" of America: Imaginary Projections	2 SWS	Seminar /	Báez-Rubi
WT 23/24	1741327	Selected Topics of Art History: Colour Rush. Johann Liss, Venice and the Age of Travelling	2 SWS	Seminar /	Jehle
WT 23/24	1741328	Selected Topic of Art History: Reality / Experience / Practice. Gerhard Richter between Painting and Photography	2 SWS	Seminar /	Fiorentini Elsen
ST 2024	1741310	Selected Topics of Art History: The Aesthetic Recognition of Antique Amerindian Art	2 SWS	Seminar /	Báez-Rubi
ST 2024	1741311	Selected Topics of Art History: We Read Roland Barthes: Camera Lucida: Reflections on Photography, 1980	2 SWS	Seminar /	Fiorentini Elsen
ST 2024	1741312	Selected Topics of Art History: The Painter Caspar David Friedrich (1774-1840)	2 SWS	Seminar /	Fiorentini Elsen
ST 2024	1741313	Selected Topics of Art History: Technologies of Animation, Simulation and Visualization	2 SWS	Seminar /	Báez-Rubi
ST 2024	1741314	Selected Topics of Art History: Textile Studies: Introduction to Materiality and Meaning	2 SWS	Seminar /	Kohut
ST 2024	1741316	Selected Topics of Art History: Heimat	2 SWS	Seminar /	Jehle
ST 2024	1741318	Selected Topics of Art History: Early Modern Portrait Painting	2 SWS	Seminar /	Papenbrock
ST 2024	1741319	Selected Topics of Art History: The Eye and the Gaze. Art Histories of Seeing 14th-21st Century	2 SWS	Seminar /	Fiorentini Elsen

ST 2024	1741320	Selected Topics of Art History: Collecting Cultures: The Circulation of Americana from the Early Modern World to the Nineteenth Century	2 SWS	Seminar / 🗣	Báez-Rubi

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

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

Prerequisites
none

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

V **Selected Topic of Art History: Travel Explorers, Scholars and artists in America**
1741320, WS 23/24, 2 SWS, Language: German, Open in study portal
Seminar (S) On-Site

Content
The seminar examines the views of explorers, scholars an artists who have traveled and explored America from the sixteenth to the nineteenth century. We will analyze how processes of representation and imagination played an important role in the task of visualizing unknown landscapes and spaces.

Appointment: Tue 9:45-11:15 am, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2024
Number of Participants: 3

V **Selected Topics of Art History: Greek Artifices and their Legacy. Ancient Sources and Reception Cases from the Early Modern Period Onward**
1741324, WS 23/24, 2 SWS, Language: German, Open in study portal
Seminar (S) On-Site

Content
The lives of ancient Greek painters and sculptors, such as Apelles, Phidias, or Lysipp, as well as female painters, such as Timarete, Eirene, or Calypso, have been preserved only in fragments. Through source-critical work, legends are gradually distinguished from deeds: Greek artifices regain their voice. But these already enjoyed great attention in the Renaissance. The seminar will focus on an earlier appreciation of the artifice figure than previously thought. The transmission of the lives and legends of Greek artifices fueled the antiquarian interest of the Renaissance, provided a decisive contribution to the emergence of humanism, and stimulated a self-conscious production of art, the analysis of which we will address to in the seminar.

Appointment: Fri 2-3:30 pm, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2024
Number of Participants: 3

V **Selected Topic of Art History: The Avantgarde in America**
1741325, WS 23/24, 2 SWS, Language: German, Open in study portal
Seminar (S) On-Site

Content
The seminar focuses on essential aspects of art production in the Avant-garde movements that took place in Latin America at the end of the nineteenth century and the beginning of the twentieth century. The formal and iconographic characteristics of the art production will be examined from a historical and iconic perspective.

Appointment: Tue 2-3:30 pm, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2024
Number of Participants: 5

V **Selected Topic of Art History: The "Discovery" of America: Imaginary Projections**
1741326, WS 23/24, 2 SWS, Language: German, Open in study portal
Seminar (S) On-Site

Content
The seminar reflects on how the image of America was produced historiographically and what role played imaginary and cultural spaces forged by means of iconic media in cultural memory. The students will gain insight into the ideas and images that influenced the so-called "invention" of America.

Appointment: Wed 11:30-1 pm, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2024
Number of Participants: 5

V **Selected Topics of Art History: Colour Rush. Johann Liss, Venice and the Age of Travelling** **Seminar (S) On-Site**
1741327, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
As Sandrart reports, Johann Liss (1597-1631) was well acquainted with nightlife, and "stayed out for quite a few days and nights [...] until the bag was empty". Partying and working, but also long journeys determined the life of an exceptional artist who traded the Oldenburg countryside for Italy - in order to translate Caravaggio's influences into his artistic language: Naturalism and dramatic lighting determined his paintings and his sculptural ability to depict emotions and gestures, even desires, qua brushstrokes. We will virtually retrace Liss's busy travels, shed light on the networks he created for himself and ask questions about highly significant patrons.

Appointment: Mon 11:30-1 pm, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2024
Number of Participants: 5

V **Selected Topic of Art History: Reality / Experience / Practice. Gerhard Richter between Painting and Photography** **Seminar (S) On-Site**
1741328, WS 23/24, 2 SWS, Language: German/English, Open in study portal

Content
Considering various groups of his works, we learn about the career of the painter Gerhard Richter, his motivations and intentions, and the principles that guide his pictorial production. Richter's peculiar use of photographic techniques in his paintings raises questions about the meaning of reality, objectivity, and history in Richter's images and pictorial processes, as well as about his understanding of abstraction and his conception of perception and sensation, both in relation to natural space and in the picture.

Appointment: Tue 17:30 - 7 pm, Bldg. 20.40, R124 FG KG
Submission/Exam: written elaboration, 31.03.2024
Number of Participants: 5

Organizational issues
Teilnahme an der ersten und letzten Sitzung sind Plicht!

V **Selected Topics of Art History: The Aesthetic Recognition of Antique Amerindian Art** **Seminar (S) On-Site**
1741310, SS 2024, 2 SWS, Language: German, Open in study portal

Content
The seminar discusses fundamental questions of aesthetic evaluation and recognition of image and art production produced by pre-Columbian cultures departing from historiographical sources. By analyzing case studies from different perspectives (art history, literary and visual studies), the seminar contributes to the understanding of the consolidation of art historical discourses on "ancient cultures" in America.

Submission/Exam: written elaboration, 30.09.2024
Number of Participants: 3

V **Selected Topics of Art History: We Read Roland Barthes: Camera Lucida: Reflections on Photography, 1980** **Seminar (S) Blended (On-Site/Online)**
1741311, SS 2024, 2 SWS, Language: German/English, Open in study portal

Content
We read Roland Barthes' Camera Lucida. Reflections on Photography. The French philosopher's book, together with Susan Sontag's On Photography, is one of the first texts to theorize photography as a process, as an image and as a work of art. The book asks: What is the photographic image? What is its essence? How does it affect those who look at it? We examine the text and the historical and theoretical context in which it was conceived and question its impact and significance for art history. We also intensively analyze the historical and theoretical position of the instrumental image practices that justify the book's title: Camera, Camera Obscura, Camera Lucida.

Submission/Exam: written elaboration, 30.09.2024
Number of Participants: 3

V **Selected Topics of Art History: The Painter Caspar David Friedrich (1774-1840)** **Seminar (S) On-Site**
1741312, SS 2024, 2 SWS, Language: German/English, Open in study portal

Content
The seminar is dedicated to the painter Caspar David Friedrich (1774-1840) on the occasion of his 250th birthday. Initially forgotten after his death in 1840 and only rediscovered in 1907, Friedrich is now one of the most popular artists of his era. At the transition from the 18th to the 19th century, he embodied a new relationship between the individual and nature, which was expressed in various contexts. We question Friedrich's history, his attitude and his painting practice and follow him on the path to a new way of seeing, which in his time not only asserted itself in art, but also in the sciences and in the general understanding of life.

Submission/Exam: written elaboration, 30.09.2024
Number of Participants: 3

V **Selected Topics of Art History: Technologies of Animation, Simulation and Visualization** **Seminar (S) Blended (On-Site/Online)**
1741313, SS 2024, 2 SWS, Language: English, Open in study portal

Content
The seminar aims to reflect on technologies of animation, simulation and visualization of various images and artefacts in a broad spectrum including different cultural spaces as well as different time periods of Latin America. Further, image-concepts and practices will be examined from anti-colonial, feminist and performative perspectives.
Seminar in collaboration with the UNAM, Mexico

Submission/Exam: written elaboration, 30.09.2024
Number of Participants: 3

V **Selected Topics of Art History: Textile Studies: Introduction to Materiality and Meaning** **Seminar (S) On-Site**
1741314, SS 2024, 2 SWS, Language: English, Open in study portal

Content
Once unjustly marginalized as mere 'craft,' the captivating world of textiles, with its rich interplay of materiality and semantics, takes center stage in this seminar. We will explore a wide array of artistic textile production (fabrics, clothing, carpets, etc.) and their representations in other visual media against the backdrop of intricate historical developments spanning from Antiquity to the present. The course will acquaint students with aspects of textile materiality, covering fibers` properties, fabric structures, and production technologies. Students will refine their interpretive skills by learning to analyze textile artworks, employing diverse theoretical perspectives, ranging from formalism and semiotics to new materialism and ecocriticism.

Submission/Exam: written elaboration, 30.09.2024
Number of Participants: 3

V **Selected Topics of Art History: Heimat** **Seminar (S) On-Site**
1741316, SS 2024, 2 SWS, Language: German, Open in study portal

Content
"Heimat" is a colourful term: ambiguous, changing over time, multi-perspective, this term is associated with the desire for the protected space of an intact world and an idyll removed from time. Friedrich spans abstract spaces full of transcendental ideas to generate Heimat, Ramdohr sees only "pathological emotion" at work there; and the experience of the National Socialist dictatorship drives all these ideas out of the aesthetic discourse on Heimat. We are dedicated to the idea of "Heimat" not only in discourses and artefacts since Romanticism, but also to phenomena such as the Heimat movement, the garden city and the diverse reconstructions in architectural contexts that affirm the concept of Heimat.

Submission/Exam: written elaboration, 30.09.2024
Number of Participants: 3

V **Selected Topics of Art History: Early Modern Portrait Painting** **Seminar (S)**
1741318, SS 2024, 2 SWS, Language: German, Open in study portal **On-Site**

Content
Since the beginnings of panel painting in the early 15th century, portraiture has been one of its foremost tasks. In this seminar, major works of early modern portrait painting from van Eyck to Velazquez will be presented and discussed. The focus will not only be on the aesthetics, but also on the social role of those portrayed and the relationship between the individuals and the social and historical developments of their time.

Submission/Exam: written elaboration, 30.09.2024
Number of Participants: 3

V **Selected Topics of Art History: The Eye and the Gaze. Art Histories of Seeing 14th-21st Century** **Seminar (S)**
1741319, SS 2024, 2 SWS, Language: German/English, Open in study portal **Blended (On-Site/Online)**

Content
Seeing has its own history, and understanding this is one of the main tasks of art history (Heinrich Wölfflin). The seminar discusses important historical shifts in the understanding of seeing in art, art theory, optics and philosophy. The focus will be on the way in which art and theories of vision have influenced each other. We will ask to what extent pictures reflect or have brought about changes in the understanding of seeing. Materials for discussion will come from painting, photography, film together with instruments and treatises.

Submission/Exam: written elaboration, 30.09.2024
Number of Participants: 3

V **Selected Topics of Art History: Collecting Cultures: The Circulation of Americana from the Early Modern World to the Nineteenth Century** **Seminar (S)**
1741320, SS 2024, 2 SWS, Language: German, Open in study portal **On-Site**

Content
The seminar is dedicated to study collecting practices and circulation of artefacts and objects that were promoted with the establishment of the trade route between America-Europe-Asia. Students will have the opportunity to reflect on essential aspects of the circulation of material culture in the Spanish-American trading area, as well as to reflect on restitution issues of such kind of objects.

Submission/Exam: written elaboration, 30.09.2024
Number of Participants: 3

T 4.46 Course: Selected Topics of Building History [T-ARCH-107336]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture

Part of: M-ARCH-103595 - Selected Topics of Building History

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

Events					
WT 23/24	1741361	Selected Topics of the History of Architecture and Urban Planning: Elements of Karlsruhe. Experimental Catalog-Making and Speculative Redesign of Historical Elements	2 SWS	Seminar / 🗣	Garrido
WT 23/24	1741362	Selected Topics of the History of Architecture and Urban Planning: Environmental Biographies. The Evolution of Urban Ecosytems in Karlsruhe.	2 SWS	Seminar / 🗣	Garrido
WT 23/24	1741363	Selected Topics of the History of Architecture and Urban Planning: Sustainable and Robust: The Gothic Architecture of Freiburg Cathedral	2 SWS	Seminar / 🧩	Brehm
WT 23/24	1741364	Selected Topics of the History of Architecture and Urban Planning: Environmental History of Architecture: Logos	2 SWS	Seminar / 🗣	Medina Warmburg
WT 23/24	1741365	Selected Topics of the History of Architecture and Urban Planning: Utopia and Ideology: On the History of the Garden City	2 SWS	Seminar / 🗣	Medina Warmburg
WT 23/24	1741366	Selected Topics of the History of Architecture and Urban Planning: Screening and Mapping the Collection	2 SWS	Seminar / 🗣	Rind
WT 23/24	1741367	Selected Topics of the History of Architecture and Urban Planning: Cities Between Two Rivers	2 SWS	Seminar / 🗣	Rind
WT 23/24	1741370	Selected Topics of the History of Architecture and Urban Planning: Future Needs Provenance – About Dealing With Monuments	2 SWS	Seminar / 🗣	Kurz
WT 23/24	1741371	Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 🧩	Hanschke
WT 23/24	1741373	Selected Topics of the History of Architecture and Urban Planning: Best of 80s _ Local Heros	2 SWS	Seminar / 🗣	Busse
ST 2024	1741357	Selected Topics of the History of Architecture and Urban Planning: Living Concepts and their Exhibition	4 SWS	Block / 🗣	Medina Warmburg, Rind

ST 2024	1741362	Selected Topics of the History of Architecture and Urban Planning: Monument Preservation _ Challenge and Perspective	4 SWS	Seminar / 🗣	Medina Warmburg, Hücklekemkes
ST 2024	1741363	Selected Topics of the History of Architecture and Urban Planning: ENVIRONMENTAL BIOGRAPHIES.Studies on the Infrastructural Landscapes in Karlsruhe.	2 SWS	Seminar / 🗣	Medina Warmburg, Garrido
ST 2024	1741365	Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 🏵	Hanschke

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

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

Prerequisites
none

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

V **Selected Topics of the History of Architecture and Urban Planning: Elements of Karlsruhe. Experimental Catalog-Making and Speculative Redesign of Historical Elements** **Seminar (S) On-Site**
1741361, WS 23/24, 2 SWS, Language: English, Open in study portal

Content
The seminar will focus on the utilization of architecture research and modeling tools to discover, catalogue, and re-envision a sequence of architectural elements present in the city of Karlsruhe. Focusing on multiple aspects including geometry, materials, manufacturing techniques and their meanings and ethics, the seminar's primary goal resides in the reevaluation of their roles within a highly speculative environment.

Taking advantage of tools for reality capture and 3d design such as parametric tools and high-frequency sculpting, the seminar will explore the potentialities in registering architectural components and embracing catalog-making tools, defining a series of ‘architectural ingredients’ for future speculative design scenarios.

Excursion after arrangement

Submission/Exam: Presentation and written essay till 10.03.2024

Number of Participants: 8

V **Selected Topics of the History of Architecture and Urban Planning: Environmental Biographies. The Evolution of Urban Ecosytems in Karlsruhe.** **Seminar (S) On-Site**
1741362, WS 23/24, 2 SWS, Language: English, Open in study portal

Content
The Schlossgarten in Karlsruhe has been a critical piece of the city's infrastructure since its foundation, serving not only as an illustration of the state's power but also as an integral component within the built environment.

The objective of the seminar is to explore various architectural research and representation tools, including archival material, diagrams and 3d models and through them, the aim is to uncover, analyze and communicate the intricate layers of overlapping infrastructure in the Schlossgarten, crafting an "urban biography" portraying the city's evolution.

The participants will be required to participate in the Stegreif exercise by A. Romero Carnicero “Mapping Zirkel's ecological occurrences” (Prof. Landschaftsarchitektur).

Excursion after arrangement

Submission/Exam: presentation and submission due 11.03.2024

Number of Paticipants 8

V

Selected Topics of the History of Architecture and Urban Planning: Sustainable and Robust: The Gothic Architecture of Freiburg Cathedral

1741363, WS 23/24, 2 SWS, Language: German, Open in study portal

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

Content

For over 700 years, the architecture of Freiburg Cathedral has defied wind and weather. How did the medieval master builders manage to give the building such a long service life? What means and methods were needed over the centuries to ensure its durability? In the seminar, we will explore five different topics and examine how sustainable Freiburg Cathedral is and which methods are still applicable today.

First Meeting: 27.10.2023, 2 pm, Bldg. 20.40 Seminarraum Bau- und Architekturgeschichte R 015

Submission/Exam: presentation and paper due 31.03.2023

Number of Participants: 4

V

Selected Topics of the History of Architecture and Urban Planning: Environmental History of Architecture: Logos

1741364, WS 23/24, 2 SWS, Language: German, Open in study portal

Seminar (S)
On-Site

Content

The environmental history of architecture addresses an expanded field of observation that builds bridges to historical human geography and urban environmental history, revealing operational, syntactic, and semantic relations within the environmental system. This raises the question of whether or how these relationships constitute a specific language of architecture, with its own arguments and metaphors, its own poetics and rhetoric. We will explore these questions through selected buildings. The focus will be on the overarching question of what language(s) architecture speaks after, with, and for nature.

Supervisor: Prof. Dr. Joaquín Medina Warmburg

Meetings: Tuesdays 17:30-19:00 Uhr

Place: Bibliothek der Professur Bau- und Architekturgeschichte

Submission/Exam: presentation and paper due 31.03.2024

Number of Participants:5

V

Selected Topics of the History of Architecture and Urban Planning: Utopia and Ideology: On the History of the Garden City

1741365, WS 23/24, 2 SWS, Language: German, Open in study portal

Seminar (S)
On-Site

Content

With the emergence of urban planning as a scientific and artistic discipline, new and, above all, more livable urban models also emerged, such as that of the garden city, which originated in England in the late 19th century and from there was discussed and implemented worldwide. This was also the case in Germany, where Karlsruhe took a leading role in spreading the ideal of an urban and rural life at the same time. Starting from the garden city of Rüppurr, we will deal in the seminar with the architectural, urbanistic and landscape features, but also with the ideological, social, economic contents of the garden city model and ask about its current pertinence.

Supervisor: Prof. Dr. Joaquín Medina Warmburg

Meetings: Donnerstags 17:30-19:00 Uhr

Place: Bibliothek der Professur Bau- und Architekturgeschichte

Submission/Exam: presentation and paper due 31.03.2024

Number of Paticipants:5

V

Selected Topics of the History of Architecture and Urban Planning: Screening and Mapping the Collection

1741366, WS 23/24, 2 SWS, Language: German, Open in study portal

Seminar (S)
On-Site

Content
Since architectural history has been taught, a wide variety of visual media has been used, especially photographs. The KIT Collection of Architectural History contains a large collection of slides as well as reproductions on paper. This collection will be examined in the context of the seminar using the example of Karlsruhe: Which images are representative for an architectural history of Karlsruhe? What focus is placed on the buildings by the selection of images? Where are these buildings located on the city map, which focal points, but also gaps become visible? In addition to these content-related questions, we also deal with digitization as well as information for a long-term archiving of the collection.

Submission/Exam: Creation of several short texts on selected images

Number of Paticipants: 6

V **Selected Topics of the History of Architecture and Urban Planning: Cities Between Two Rivers**
1741367, WS 23/24, 2 SWS, Language: German, Open in study portal
Seminar (S)
On-Site

Content
Many cities were founded along rivers. Some even between two rivers. What does this mean for the layout of the cities and their architectures? How were the rivers integrated into the city, used as natural space, resource, infrastructure, etc.? How was the threat of flooding dealt with? How were the other banks of the rivers integrated? In the seminar we will examine the architectural and urban planning history of Mannheim and Koblenz in relation to their dis-/connections to the respective rivers.

Excursion: One day excursion each to Mannheim and Koblenz is mandatory. The dates will be arranged in the seminar.

Submission /Presentation: presentation and paper

Number of Paticipants: 6

V **Selected Topics of the History of Architecture and Urban Planning: Future Needs Provenance – About Dealing With Monuments**
1741370, WS 23/24, 2 SWS, Language: German, Open in study portal
Seminar (S)
On-Site

Content
The seminar is about the skills and the desire to bring monuments and other valuable buildings appropriately into the future. To this end, we look at the planning and constructional handling of various monuments and deal with topics such as: cultural significance, inventory investigations, as well as the choice of methods and measures. On the basis of concrete projects, we drill into the depths of theory at the crucial points and sound out exemplary aspects of the discursive character of the discipline of "monument preservation". The focus is on monuments of the 20th century.

Submission/Exam: Development of various contributions / presentations as well as guiding questions for the discussion in the seminar. A written summary is to be handed in together with the contribution / presentation due 31.03.2023

Number of Paticipants: 6

V **Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice**
1741371, WS 23/24, 2 SWS, Language: German, Open in study portal
Block (B)
Blended (On-Site/Online)

Content
The preservation and maintenance of historical monuments or monument ensembles is a task that is performed by specialized architectural firms, restorers and monument protection authorities. The seminar gives an insight into selected topics and questions. The focus is on the history and theory of monument preservation, the history of central European town houses, inventory, practical examples of monument preservation and old building renovation as well as legal considerations.

Appointment: The seminar is offered as a compact course, 20.40 R015 Seminarraum Bau- und Architekturgeschichte

First Meeting online: Mi 25.10.2023, 6 p.m.

Submission/Exam: presentation and paper due 31.03.2024

Number of Participants: 6

V **Selected Topics of the History of Architecture and Urban Planning: Best of 80s _ Local Heros**
1741373, WS 23/24, 2 SWS, Language: German, Open in study portal
Seminar (S)
On-Site

Content
As part of a research series on existing buildings in Karlsruhe, the legacy of post-modern architecture created between 1970 and 1990 is negotiated.

The focus is on urban buildings and squares of this period, which were created with a great willingness to experiment in the vicinity of the faculty. The study explores the historical narratives as well as the conservation and monument values. It is about the analysis of existing building fabric and the development and application of appropriate criteria.

Questions are asked about architectural expression, construction methods, patterns and decorative elements. What forms of appropriation of the past can be demonstrated and how was this implemented in the design? How are the qualities distinguished and how can the buildings be evaluated?

Number of Paticipants: 5

Submission/Exam: presentation and paper

V **Selected Topics of the History of Architecture and Urban Planning: Living Concepts and their Exhibition** **Block (B) On-Site**
1741357, SS 2024, 4 SWS, Language: German, Open in study portal

Content
Living is a basic existential need and everyday social practice, a scarce commodity and a housing policy challenge, but also the starting point and vision of architectural designs and construction projects.

Based on texts and exhibitions about living in the past 100 years, we ask ourselves the question of the respective concepts behind these living worlds, the design of our coexistence and the communication via text and/or exhibition. What part does the architecture play, what part does the interior play?

First part of the block seminar: reading and discussing (most texts are in german). Second part: Participation in Werkbund Foyer #2 Parasite Kitchen on the Skulpturenplatz of the Kunsthalle Mannheim with a pop-up exhibition and discussions.

1. Meeting: Fri, 19. 4. , 9:45 -11:15 am, Seminar room History of Building and Architecture, Bldg. 20.40, R 015

Block I: Fri/Sat 3. /4. 5. , 10-5 pm , Seminar room History of Building and Architecture, Bldg. 20.40, R 015

Block II: Fri/Sat 28. /29. 6. 10-5 pm, Sculpture Square, Kunsthalle Mannheim

Submission: Participation in both blocks obligatory, elaboration of a thematic focus for the pop-up exhibition, participation in the discussions.

Number of Paticipants: 5

V **Selected Topics of the History of Architecture and Urban Planning: Monument Preservation _ Challenge and Perspective** **Seminar (S) On-Site**
1741362, SS 2024, 4 SWS, Language: German, Open in study portal

Content
Dealing with cultural monuments makes us realise that our built environment is not there as a matter of course. Rather, it is the product of a complex line of tradition that we must continue responsibly into the future. Specialised knowledge, skills and methods are required to preserve the surviving high-quality protected objects, some of which differ significantly from the procedures and planning objectives for new construction projects.

The seminar provides basic knowledge about the fundamentals of modern heritage conservation. Questions are dealt with in working groups and discussed during the seminar using practical examples. The knowledge gained will be deepened during an excursion to the UNESCO World Heritage Site of Baden-Baden.

Form of event: Attendance with mandatory excursion

Submission/Exam: Presentation of a topic in working groups

Number of Paticipants: 7

V

Selected Topics of the History of Architecture and Urban Planning: ENVIRONMENTAL BIOGRAPHIES.Studies on the Infrastructural Landscapes in Karlsruhe.

1741363, SS 2024, 2 SWS, Language: German/English, Open in study portal

Seminar (S)
On-Site

Content

The water infrastructure has been a critical component of Karlsruhe since its foundation. It has not only defined the relationship of the city with its near- and distant environment but also its character and its urban spaces thanks to a rich network of fountains and springs.

The objective of the seminar is to explore various architectural research and representation tools, including archival material, diagrams and 3d models and through them, aiming to uncover, analyze and communicate the inhtricate layers of overlapping infrastructural networks of Karlsruhe, crafting an "urban biography" portraying the city's evolution.

Tue, 11.30-1 pm, Seminar room History of Building and Architecture; Bldg. 20.40, R 015

Excursion: after arrangement

Submission/Exam: presentation and paper due 31.06.2024

Number of Paticipants: 5

V

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

1741365, SS 2024, 2 SWS, Language: German, Open in study portal

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

Content

The preservation and maintenance of historical monuments or monument ensembles is a task that is performed by specialized architectural firms, restorers and monument protection authorities. The seminar gives an insight into selected topics and questions. The focus is on the history and theory of monument preservation, the history of central European town houses, inventory, practical examples of monument preservation and old building

The seminar is offered as an compact course, dates by arrangement.

1. Meeting: Wed 17.04.2024 5:30 pm, online

Submission/Exam: presentation and paper due 30.09.2024

Number of Paticipants:5

T 4.47 Course: Selected Topics of Building History 2 [T-ARCH-111168]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: M-ARCH-105564 - Selected Topics of Building History 2

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

Events					
WT 23/24	1741361	Selected Topics of the History of Architecture and Urban Planning: Elements of Karlsruhe. Experimental Catalog-Making and Speculative Redesign of Historical Elements	2 SWS	Seminar /	Garrido
WT 23/24	1741362	Selected Topics of the History of Architecture and Urban Planning: Environmental Biographies. The Evolution of Urban Ecosytems in Karlsruhe.	2 SWS	Seminar /	Garrido
WT 23/24	1741363	Selected Topics of the History of Architecture and Urban Planning: Sustainable and Robust: The Gothic Architecture of Freiburg Cathedral	2 SWS	Seminar /	Brehm
WT 23/24	1741364	Selected Topics of the History of Architecture and Urban Planning: Environmental History of Architecture: Logos	2 SWS	Seminar /	Medina Warmburg
WT 23/24	1741365	Selected Topics of the History of Architecture and Urban Planning: Utopia and Ideology: On the History of the Garden City	2 SWS	Seminar /	Medina Warmburg
WT 23/24	1741366	Selected Topics of the History of Architecture and Urban Planning: Screening and Mapping the Collection	2 SWS	Seminar /	Rind
WT 23/24	1741367	Selected Topics of the History of Architecture and Urban Planning: Cities Between Two Rivers	2 SWS	Seminar /	Rind
WT 23/24	1741370	Selected Topics of the History of Architecture and Urban Planning: Future Needs Provenance – About Dealing With Monuments	2 SWS	Seminar /	Kurz
WT 23/24	1741371	Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block /	Hanschke
WT 23/24	1741373	Selected Topics of the History of Architecture and Urban Planning: Best of 80s _ Local Heros	2 SWS	Seminar /	Busse
ST 2024	1741357	Selected Topics of the History of Architecture and Urban Planning: Living Concepts and their Exhibition	4 SWS	Block /	Medina Warmburg, Rind

ST 2024	1741362	Selected Topics of the History of Architecture and Urban Planning: Monument Preservation _ Challenge and Perspective	4 SWS	Seminar / 🗣	Medina Warmburg, Hücklekemkes
ST 2024	1741363	Selected Topics of the History of Architecture and Urban Planning: ENVIRONMENTAL BIOGRAPHIES.Studies on the Infrastructural Landscapes in Karlsruhe.	2 SWS	Seminar / 🗣	Medina Warmburg, Garrido
ST 2024	1741365	Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 🏵	Hanschke

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

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

Prerequisites
none

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

V **Selected Topics of the History of Architecture and Urban Planning: Elements of Karlsruhe. Experimental Catalog-Making and Speculative Redesign of Historical Elements** **Seminar (S) On-Site**
1741361, WS 23/24, 2 SWS, Language: English, Open in study portal

Content
The seminar will focus on the utilization of architecture research and modeling tools to discover, catalogue, and re-envision a sequence of architectural elements present in the city of Karlsruhe. Focusing on multiple aspects including geometry, materials, manufacturing techniques and their meanings and ethics, the seminar's primary goal resides in the reevaluation of their roles within a highly speculative environment.

Taking advantage of tools for reality capture and 3d design such as parametric tools and high-frequency sculpting, the seminar will explore the potentialities in registering architectural components and embracing catalog-making tools, defining a series of ‘architectural ingredients’ for future speculative design scenarios.

Excursion after arrangement

Submission/Exam: Presentation and written essay till 10.03.2024

Number of Participants: 8

V **Selected Topics of the History of Architecture and Urban Planning: Environmental Biographies. The Evolution of Urban Ecosytems in Karlsruhe.** **Seminar (S) On-Site**
1741362, WS 23/24, 2 SWS, Language: English, Open in study portal

Content
The Schlossgarten in Karlsruhe has been a critical piece of the city's infrastructure since its foundation, serving not only as an illustration of the state's power but also as an integral component within the built environment.

The objective of the seminar is to explore various architectural research and representation tools, including archival material, diagrams and 3d models and through them, the aim is to uncover, analyze and communicate the intricate layers of overlapping infrastructure in the Schlossgarten, crafting an "urban biography" portraying the city's evolution.

The participants will be required to participate in the Stegreif exercise by A. Romero Carnicero “Mapping Zirkel's ecological occurrences” (Prof. Landschaftsarchitektur).

Excursion after arrangement

Submission/Exam: presentation and submission due 11.03.2024

Number of Paticipants 8

V

Selected Topics of the History of Architecture and Urban Planning: Sustainable and Robust: The Gothic Architecture of Freiburg Cathedral

1741363, WS 23/24, 2 SWS, Language: German, Open in study portal

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

Content

For over 700 years, the architecture of Freiburg Cathedral has defied wind and weather. How did the medieval master builders manage to give the building such a long service life? What means and methods were needed over the centuries to ensure its durability? In the seminar, we will explore five different topics and examine how sustainable Freiburg Cathedral is and which methods are still applicable today.

First Meeting: 27.10.2023, 2 pm, Bldg. 20.40 Seminarraum Bau- und Architekturgeschichte R 015

Submission/Exam: presentation and paper due 31.03.2023

Number of Participants: 4

V

Selected Topics of the History of Architecture and Urban Planning: Environmental History of Architecture: Logos

1741364, WS 23/24, 2 SWS, Language: German, Open in study portal

Seminar (S)
On-Site

Content

The environmental history of architecture addresses an expanded field of observation that builds bridges to historical human geography and urban environmental history, revealing operational, syntactic, and semantic relations within the environmental system. This raises the question of whether or how these relationships constitute a specific language of architecture, with its own arguments and metaphors, its own poetics and rhetoric. We will explore these questions through selected buildings. The focus will be on the overarching question of what language(s) architecture speaks after, with, and for nature.

Supervisor: Prof. Dr. Joaquín Medina Warmburg

Meetings: Tuesdays 17:30-19:00 Uhr

Place: Bibliothek der Professur Bau- und Architekturgeschichte

Submission/Exam: presentation and paper due 31.03.2024

Number of Participants:5

V

Selected Topics of the History of Architecture and Urban Planning: Utopia and Ideology: On the History of the Garden City

1741365, WS 23/24, 2 SWS, Language: German, Open in study portal

Seminar (S)
On-Site

Content

With the emergence of urban planning as a scientific and artistic discipline, new and, above all, more livable urban models also emerged, such as that of the garden city, which originated in England in the late 19th century and from there was discussed and implemented worldwide. This was also the case in Germany, where Karlsruhe took a leading role in spreading the ideal of an urban and rural life at the same time. Starting from the garden city of Rüppurr, we will deal in the seminar with the architectural, urbanistic and landscape features, but also with the ideological, social, economic contents of the garden city model and ask about its current pertinence.

Supervisor: Prof. Dr. Joaquín Medina Warmburg

Meetings: Donnerstags 17:30-19:00 Uhr

Place: Bibliothek der Professur Bau- und Architekturgeschichte

Submission/Exam: presentation and paper due 31.03.2024

Number of Paticipants:5

V

Selected Topics of the History of Architecture and Urban Planning: Screening and Mapping the Collection

1741366, WS 23/24, 2 SWS, Language: German, Open in study portal

Seminar (S)
On-Site

Content
Since architectural history has been taught, a wide variety of visual media has been used, especially photographs. The KIT Collection of Architectural History contains a large collection of slides as well as reproductions on paper. This collection will be examined in the context of the seminar using the example of Karlsruhe: Which images are representative for an architectural history of Karlsruhe? What focus is placed on the buildings by the selection of images? Where are these buildings located on the city map, which focal points, but also gaps become visible? In addition to these content-related questions, we also deal with digitization as well as information for a long-term archiving of the collection.

Submission/Exam: Creation of several short texts on selected images

Number of Paticipants: 6

V **Selected Topics of the History of Architecture and Urban Planning: Cities Between Two Rivers** **Seminar (S) On-Site**
1741367, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
Many cities were founded along rivers. Some even between two rivers. What does this mean for the layout of the cities and their architectures? How were the rivers integrated into the city, used as natural space, resource, infrastructure, etc.? How was the threat of flooding dealt with? How were the other banks of the rivers integrated? In the seminar we will examine the architectural and urban planning history of Mannheim and Koblenz in relation to their dis-/connections to the respective rivers.

Excursion: One day excursion each to Mannheim and Koblenz is mandatory. The dates will be arranged in the seminar.

Submission /Presentation: presentation and paper

Number of Paticipants: 6

V **Selected Topics of the History of Architecture and Urban Planning: Future Needs Provenance – About Dealing With Monuments** **Seminar (S) On-Site**
1741370, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
The seminar is about the skills and the desire to bring monuments and other valuable buildings appropriately into the future. To this end, we look at the planning and constructional handling of various monuments and deal with topics such as: cultural significance, inventory investigations, as well as the choice of methods and measures. On the basis of concrete projects, we drill into the depths of theory at the crucial points and sound out exemplary aspects of the discursive character of the discipline of "monument preservation". The focus is on monuments of the 20th century.

Submission/Exam: Development of various contributions / presentations as well as guiding questions for the discussion in the seminar. A written summary is to be handed in together with the contribution / presentation due 31.03.2023

Number of Paticipants: 6

V **Selected Topics of the History of Architecture and Urban Planning: Preservation of Historical Monuments - Theory and Practice** **Block (B) Blended (On-Site/Online)**
1741371, WS 23/24, 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.

Appointment: The seminar is offered as a compact course, 20.40 R015 Seminarraum Bau- und Architekturgeschichte

First Meeting online: Mi 25.10.2023, 6 p.m.

Submission/Exam: presentation and paper due 31.03.2024

Number of Participants: 6

V **Selected Topics of the History of Architecture and Urban Planning: Best of 80s _ Local Heros** **Seminar (S) On-Site**
1741373, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
As part of a research series on existing buildings in Karlsruhe, the legacy of post-modern architecture created between 1970 and 1990 is negotiated.

The focus is on urban buildings and squares of this period, which were created with a great willingness to experiment in the vicinity of the faculty. The study explores the historical narratives as well as the conservation and monument values. It is about the analysis of existing building fabric and the development and application of appropriate criteria.

Questions are asked about architectural expression, construction methods, patterns and decorative elements. What forms of appropriation of the past can be demonstrated and how was this implemented in the design? How are the qualities distinguished and how can the buildings be evaluated?

Number of Paticipants: 5

Submission/Exam: presentation and paper

V **Selected Topics of the History of Architecture and Urban Planning: Living Concepts and their Exhibition** **Block (B) On-Site**
1741357, SS 2024, 4 SWS, Language: German, Open in study portal

Content
Living is a basic existential need and everyday social practice, a scarce commodity and a housing policy challenge, but also the starting point and vision of architectural designs and construction projects.

Based on texts and exhibitions about living in the past 100 years, we ask ourselves the question of the respective concepts behind these living worlds, the design of our coexistence and the communication via text and/or exhibition. What part does the architecture play, what part does the interior play?

First part of the block seminar: reading and discussing (most texts are in german). Second part: Participation in Werkbund Foyer #2 Parasite Kitchen on the Skulpturenplatz of the Kunsthalle Mannheim with a pop-up exhibition and discussions.

1. Meeting: Fri, 19. 4. , 9:45 -11:15 am, Seminar room History of Building and Architecture, Bldg. 20.40, R 015

Block I: Fri/Sat 3. /4. 5. , 10-5 pm , Seminar room History of Building and Architecture, Bldg. 20.40, R 015

Block II: Fri/Sat 28. /29. 6. 10-5 pm, Sculpture Square, Kunsthalle Mannheim

Submission: Participation in both blocks obligatory, elaboration of a thematic focus for the pop-up exhibition, participation in the discussions.

Number of Paticipants: 5

V **Selected Topics of the History of Architecture and Urban Planning: Monument Preservation _ Challenge and Perspective** **Seminar (S) On-Site**
1741362, SS 2024, 4 SWS, Language: German, Open in study portal

Content
Dealing with cultural monuments makes us realise that our built environment is not there as a matter of course. Rather, it is the product of a complex line of tradition that we must continue responsibly into the future. Specialised knowledge, skills and methods are required to preserve the surviving high-quality protected objects, some of which differ significantly from the procedures and planning objectives for new construction projects.

The seminar provides basic knowledge about the fundamentals of modern heritage conservation. Questions are dealt with in working groups and discussed during the seminar using practical examples. The knowledge gained will be deepened during an excursion to the UNESCO World Heritage Site of Baden-Baden.

Form of event: Attendance with mandatory excursion

Submission/Exam: Presentation of a topic in working groups

Number of Paticipants: 7

V

Selected Topics of the History of Architecture and Urban Planning: ENVIRONMENTAL BIOGRAPHIES.Studies on the Infrastructural Landscapes in Karlsruhe.

Seminar (S)
On-Site

1741363, SS 2024, 2 SWS, Language: German/English, Open in study portal

Content

The water infrastructure has been a critical component of Karlsruhe since its foundation. It has not only defined the relationship of the city with its near- and distant environment but also its character and its urban spaces thanks to a rich network of fountains and springs.

The objective of the seminar is to explore various architectural research and representation tools, including archival material, diagrams and 3d models and through them, aiming to uncover, analyze and communicate the inhtricate layers of overlapping infrastructural networks of Karlsruhe, crafting an "urban biography" portraying the city's evolution.

Tue, 11.30-1 pm, Seminar room History of Building and Architecture; Bldg. 20.40, R 015

Excursion: after arrangement

Submission/Exam: presentation and paper due 31.06.2024

Number of Paticipants: 5

V

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 2024, 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 17.04.2024 5:30 pm, online

Submission/Exam: presentation and paper due 30.09.2024

Number of Paticipants:5

T 4.48 Course: Selected Topics of Building Technology [T-ARCH-107332]

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

Part of: M-ARCH-103591 - Selected Topics of Building Technology

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

Events					
WT 23/24	1720903	Selected Topics of Building Technology: SOLID. Designing with Mineral Building Materials	4 SWS	Lecture / Practice (/ 🗣	Wagner, Mildenberger, Dorbach
ST 2024	1720912	Selected Topics of Building Technology: Building Summer - Lime, Clay, Hemp	4 SWS	Seminar / 🗣	Wagner, Dorbach, Mildenberger

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

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

Prerequisites
none

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

V Selected Topics of Building Technology: SOLID. Designing with Mineral Building Materials

Lecture / Practice (VÜ)
On-Site

1720903, WS 23/24, 4 SWS, Language: German/English, Open in study portal

Content
Beginning with the raw materials we systematically explore the materials and constructions of solid building. The focus is both on historical origins and technical manufacturing processes, as well as on the fundamental principles of solid load carrying structures and their functional und technical properties.

Lectures and practical exercises alternate to understand the different manufacturing and building concepts. This is where your hands get dirty because we want you to physically understand various clay building techniques and processing techniques for all applications of clay in buildings. You will mix yourself sand, clay, chalk, and create limestone, adobe and bricks,... Excursions complete the program. At the end of the seminar you will work out a structural design.

Appointment: Tue 2:00 pm – 05:15 pm

Place: 06.34 R 112 Westhochschule, Hertzstr. 16

excursions to attend: Regularly as part of the seminar dates

Submission / examination: 05.03.2023

Number of participants: 24

V Selected Topics of Building Technology: Building Summer - Lime, Clay, Hemp

Seminar (S)
On-Site

1720912, SS 2024, 4 SWS, Language: German/English, Open in study portal

Content

The participants are encouraged to explore hemp-clay and hemp-lime as resource-efficient building materials with positive insulating and moisture properties within. The knowledge about production, processing and use of these historical but evergreen building materials was lost during the last decades.

The content of the seminar is to gain access to these building materials by testing mixtures, processing them into stones or as filling between wooden constructions. This goes beyond presenting technical data and application possibilities by means of practical implementation, in which experiencing and experiencing the building process are added as sensory impressions.

The course includes introduction dates in the different materials with lecture and practice as well as two block dates. The first block will take place at Campus West, KIT. The second block is a 5-day building phase external and will be announced at the beginning of the course.

Appointment: Fri, 19.04.2024, 2:00 p.m.

Location: 06.34 R 112 Campus West, Hertzstr. 16 76187 Karlsruhe

First part: appointment according to arrangement with participants

Second part (Mandatory excursion): workshop on the construction site in calendar week 33

Workshop event on construction site:

- Accommodation free, e.g. on camp beds
- personal safety equipment is mandatory (safety shoes, work trousers, gloves, glasses)
- Meals on site: self-catering or lunch menu with discount

Submission / examination: 30.08.2024

Number of participants: 16

T 4.49 Course: Selected Topics of Building Technology [T-ARCH-107327]

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

Organisation: KIT Department of Architecture

Part of: M-ARCH-103587 - Selected Topics of Building Technology

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

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

Prerequisites
none

T 4.50 Course: Selected Topics of Comfort and Resilience [T-ARCH-113246]

Responsible: Prof. Dr. Caroline Karmann
Organisation: KIT Department of Architecture
Part of: M-ARCH-106574 - Selected Topics of Comfort and Resilience

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

Events					
WT 23/24	1720568	Selected Topics of Comfort and Resilience: Daylight and visual comfort	4 SWS	Seminar /	Karmann
ST 2024	1720551	Selected Topics of Comfort and Resilience: Inquiry by Design: Libraries	4 SWS	Lecture / Practice (/	Karmann
ST 2024	1720555	Selected Topics of Comfort and Resilience: Mapping Urban Microclimate and Comfort	4 SWS	Lecture / Practice (/	Karmann, Sepúlveda, Balakrishnan

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

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

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

V Selected Topics of Comfort and Resilience: Daylight and visual comfort

1720568, WS 23/24, 4 SWS, Language: English, Open in study portal

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

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

Regular times: Tuesday, 9:45-13:00
First Meeting: Tuesday, 24.10.2023
Exam date: Tuesday, 05.03.2024

V Selected Topics of Comfort and Resilience: Inquiry by Design: Libraries

1720551, SS 2024, 4 SWS, Language: English, Open in study portal

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

Content
This seminar provides undergraduate and graduate students with theoretical input and practical research methods useful for the planning, programming, designing, and evaluating the effects of physical environments in use. Assessment methods include systematic observations of building features and occupant behaviors, the design and implementation of an occupant survey, and measurements relating to indoor environmental quality (i.e. visual comfort, acoustics, thermal comfort) and accessibility (both physical and sensory) of spaces. With a focus on libraries the students can anticipate exciting excursions integral to the course experience. The assignments in this course consist of detailed analyses and case studies.

First Meeting: Tuesday 16.04.2024, ,9:45 am -13:00 pm

Regular Meetings: Tuesdays. 9:45 am -13 pm, Precense/Online, on Request

Tuesday 06.08.2024 , 9:45 am, presentation of final projects

Annotation (if necessary, with compulsory excursion):
Half-day excursions to Karlsruhe, Stuttgart and Freiburg are planned

V

Selected Topics of Comfort and Resilience: Mapping Urban Microclimate and Comfort

1720555, SS 2024, 4 SWS, Language: English, Open in study portal

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

Content

The seminar deals with the topic of outdoor comfort in the urban environment, presenting factors of influence and measurements techniques for the assessment of different comfort domains: thermal, visual, acoustic and air quality. The students attending this course are expected to learn how urban features influence various outdoor comfort domains, as well as how to map, visualize, and apply scientifically-based criteria for designing comfortable urban areas.

First Meeting: Friday 19.04.2024, 9:45 am

Regular Meetings: Fridays, 9:45am - 13:00 pm, Precence/Online

Exam/Dilivery: Wednesday 07.08.2024 presentation of final projects

T 4.51 Course: Selected Topics of Communication in Architecture [T-ARCH-107326]

Responsible: Prof. Dr. Riklef Rambow
Organisation: KIT Department of Architecture

Part of: M-ARCH-103586 - Selected Topics of Communication in Architecture

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

Events					
WT 23/24	1710451	Selected Topics of Communication in Architecture: Show Them What You Got. Convincing Design Presentation	2 SWS	Seminar / 🗣	Rambow, Alkadi

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

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

Prerequisites
none

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

V Selected Topics of Communication in Architecture: Show Them What You Got. Convincing Design Presentation

Seminar (S) On-Site

1710451, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
Design presentation is one of the most important skills for architects. It is a highly complex task that is closely related to the design process itself. Directly following the contents of the lecture "Introduction to Architectural Communication", in this seminar we will theoretically develop and practically practise the basics of a convincing presentation: The development of a narrative structure, stringent visual and verbal argumentation, optimisation of visual presentation formats, formulation of messages and audience design.

Regular date: Wed. 11:30 am–01:00 pm, Bldg. 20.40 R104 Grüne Grotte
First meeting: 25 October 2023, 11:30 am
Deadline/Test: 20.03.2024
Number of Participants: max. 35

T 4.52 Course: Selected Topics of Digital Design and Fabrication [T-ARCH-111674]

Responsible: TT-Prof. Moritz Dörstelmann
Organisation: KIT Department of Architecture
Part of: M-ARCH-105818 - Selected Topics of Digital Design and Fabrication

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

Competence Certificate
Other examination requirements based on a final presentation.

Prerequisites
none

T 4.53 Course: Selected Topics of 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 23/24	1710361	Selected Topcis of Fine Art: Life Drawing	4 SWS	Practice / 🗣	Globas
WT 23/24	1710362	Selected Topcis of Fine Art: How to make a book	4 SWS	Practice / 🗣	Craig, Engel
WT 23/24	1710364	Selected Topics of Fine Arts: Line and time, figure skating on paper.	4 SWS	Practice / 🗣	Goetzmann
WT 23/24	1710365	Selected Topcis of Fine Art: Hochsitzcafé auf der Katzenwedelwiese - Approaches to an Aesthetics of Sustainability	4 SWS	Practice / 🗣	Craig, Schelble
WT 23/24	1710372	Selected Topics of Fine Arts: The Togetherness is the Form	4 SWS	Practice / 🗣	Pawelzyk, Craig
WT 23/24	1710373	Selected Topics of Fine Arts: COM_BREW_CHA Community Brewing LAB	4 SWS	Practice / 🗣	Craig, Kranz
ST 2024	1710361	Selected Topics of Drawing: Nude Drawing	4 SWS	Practice / 🗣	Globas
ST 2024	1710362	Selected Topics of Fine Art: Line and Time, Figure Skating on Paper	4 SWS	Practice / 🗣	Goetzmann
ST 2024	1710364	Selected Topics of Fine Art: Greenspace: DisPlayZone	4 SWS	Practice / 🗣	Craig, Schelble
ST 2024	1710368	Selected Topics of Fine Art: How you look at it	4 SWS	Practice / 🗣	Craig, Engel

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

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

Prerequisites
none

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

V **Selected Topcis of Fine Art: Life Drawing** **Practice (Ü) On-Site**
1710361, WS 23/24, 4 SWS, Language: German, Open in study portal

Content
Illustration of the human bogy - Possibilities of drawing

Proportion studies and material experiments in different techniques and formats

Appointment: Mo / Th. 06:15 PM - 09:15 PM, 20.40 R204 Zeichensaal

First meeting: 23.10.2023 ; 6:15 PM ; 20.40 R204 Zeichensaal

Number of participants: 13 + 2 Erasmus

Submission/Exam:

V

Selected Topcis of Fine Art: How to make a book

1710362, WS 23/24, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
The seminar deals with the conceptual and designed relationships between image and text in the form of book design as well as with the diverse characteristics of fonts and their specific use.
The results are to visualise personal design approaches and demonstrate a content-oriented treatment of typeface and image.

Appointment: Mo. 2:00 PM - 5:00 PM, 20.40 R221 BPL

First meeting: 30.10.2023 ; 2:00 PM ; 20.40 R221

Number of participants: 6 BA

Submission/ Exam: 22.04.2024

V

Selected Topics of Fine Arts: Line and time, figure skating on paper.

1710364, WS 23/24, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
Drawing search movements can imply a vague thought and open up a spontaneous conversation with lines. The quality of this conversation lies in being pen and omitted, which can bring a lightness to the design process.

In "Line and Time, Figure Skating on Paper" we will explore different drawing techniques and approaches. Through various exercises we will playfully learn to connect eye and hand. The development of the power of observation is at the centre of the exercises. Free drawing is a concrete tool to find access to seeing, to train the process of perception, to recognise forms and proportions. The seminar is structured as a process, the drawing skills are developed gradually and playfully and transferred into experimental, open formats during the course of the semester.

Appointment: Tue 2:00 PM - 5:00 PM, 20.40 R204 BK Zeichensaal

First meeting : 24.10.2023 ; 2:00 PM ; 20.40 R204

Submission/Exam:

Number of participants: 13 + 2 Erasmus

V

Selected Topcis of Fine Art: Hochsitzcafé auf der Katzenwedelwiese - Approaches to an Aesthetics of Sustainability

1710365, WS 23/24, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
As part of the project Hochsitzcafé on the Katzenwedelwiese, an group of high seats is to be artistically designed and built. The temporary art installation, consisting of three high seats, is intended to serve as a platform for communication and a change of perspective on the ZKM's meadow orchard (Katzenwedelwiese). The original meaning of the high seats as a hunting facility is metaphorically shifted to a communal and sociable setting by moving them together in the form of a seating group. In the design and implementation, the aim is to achieve a coherent combination of sustainability and aesthetics. The design possibilities and challenges of planning and building broadly without primary raw materials and with a limited budget are to be investigated. Individual dates can deviate from the regular dates by arrangement.

Locations: Drawing room, KIT wood workshop, Katzenwedelwiese

https://zkm.de/de/magazin/2021/05/die-zkm-streuobstwiese-als-unesco-kulturerbe, St.-Florian- Strasse 14. 76135 Karlsruhe

construction week from 27.11.-01.12.2023 plus 04.12. and 05.12.2023 if required

In cooperation with Olaf Quantius (artist, doctoral student Kunstuni Linz)
Prof'in. Andrea Klinge, Chair of Construction and Design (IEB)
Manuel Michalski, academic assistant, Chair of Construction and Design (IEB)

Prof. Dr.-Ing. Riccardo La Magna, Chair of Structural Engineering and Design (IEB) Tamara Haußer, academic assistant, Chair of Structural Planning and Design (IEB) Anita Knipper, Wood Workshop (ARCH)
Cooperation partners:

Hanna Jurisch, curator (ZKM)
Possibly citizens' association Bulach/Beiertheim

Appointment: Fri, 10 AM - 1 PM, 20.40 R204 Zeichensaal

First meeting: 26.10.2023, 10 AM,

Number of participants: 8 BA

V **Selected Topics of Fine Arts: The Togetherness is the Form** **Practice (Ü) On-Site**
1710372, WS 23/24, 4 SWS, Language: German, Open in study portal

Content
In this seminar we will deal with the topic: body, language and collectivity.

The body, its posture and movement, that non-linguistic space that provides information about inner states, will be our starting point. We go in search of spaces that lie between inside and outside, between the collective and the individual.

These interstices hold space for fluidity, ambiguity and offer chances to fathom relations anew. With the help of the fields of performance, gestures and non-verbal communication, we start the attempt to jointly develop a system of understanding in the form of a variable canon of movement

In open experiments we devote our attention to the body. Different methods such as Feldenkrais practices, Contact Improvisation, as well as QIJ ("nonsense in joggingpants") will provide an experimental space to play.

The seminar takes place in cooperation with the student conference on art education: "Between spaces - stimulate, excite, excite" of the Institute for Art of the PH Karlsruhe

Appointment: Mo. 2:00 PM - 5:00 PM, 20.40 R204 BK

First meeting : Monday 30.10.2023, 2:00 PM, 20.40 R204 BK

Submission/Exam: 12.02.2024

Number of participants: 6 BA

V **Selected Topics of Fine Arts: COM_BREW_CHA Community Brewing LAB** **Practice (Ü) On-Site**
1710373, WS 23/24, 4 SWS, Language: German/English, Open in study portal

Content
Kombucha, Kefir, Kvass
Laboratory, Kitchen, Bar
fermenting, eating and drinking together
sharing knowledge
becoming grounded.
Making natural, non-alcoholic fermented drinks together
and talking about fermentation, circularities, collectivity, symbiosis and care.
Open for all students, WAMs and VTs.
Appointment: Tue, 5:30 PM - 8:30 PM, 20.40 R204 Zeichensaal
First meeting : Tue 24.10.2023, 5:30 PM - 8:30 PM, 20.40 R204 Zeichensaal
Submission/Exam:
Number of participants: 6 BA

V **Selected Topics of Drawing: Nude Drawing** **Practice (Ü) On-Site**
1710361, SS 2024, 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: 18.04.2024; 6:15 PM
Submission/Exam:
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 2024, 4 SWS, Language: German, Open in study portal

Content
Drawing search movements can imply a vague thought and open up a spontaneous conversation with lines. The quality of this conversation lies in being pen and omitted, which can bring a lightness to the design process.
In "Line and Time, Figure Skating on Paper" we will explore different drawing techniques and approaches. Through various exercises we will playfully learn to connect eye and hand. The development of the power of observation is at the centre of the exercises. Free drawing is a concrete tool to find access to seeing, to train the process of perception, to recognise forms and proportions. The seminar is structured as a process, the drawing skills are developed gradually and playfully and transferred into experimental, open formats during the course of the semester.
Appointment: Tue 6:15 PM - 9:00 PM ;
First meeting: 16.04.2024 , 6:15 PM
Submission/Exam:
Number of participants: 10 + 2 Erasmus

V **Selected Topics of Fine Art: Greenspace: DisPlayZone** **Practice (Ü) On-Site**
1710364, SS 2024, 4 SWS, Language: German, Open in study portal

Content
An infrastructure for artistic interventions is to be developed for a derelict section of the former Westwall in Rheinstetten. In this way, the site is to be opened up for a transformation process of aesthetic design. An exhibition zone is to be created alongside and with lively, growing spatial structures: In collaboration with the scenography department of the HFG, temporary exhibition (outdoor) spaces are to be designed and tested in the area of the emerging orchard, making the possible interactions of sustainability and aesthetics visible. The boundary conditions of the task consist of the co-creative processes of human and non-human beings and the imaginative, aesthetic translatability of spatial structures with simple means. Cooperation with Hanne König (academic assistant HFG) and the students of the exhibition design and scenography group as part of the Open Studio (HfG), Olaf Quantius (artist, doctoral student at the Kunsthochschule Linz), Martin Reuter (nature conservation officer, City of Rheinstetten),

Regular date: Fridays, 09:45 a.m - 1:00 pm
First date: Friday 19.04.2024 09:45 a.m in the drawing room, 204 building 20.40

Special date with Hanne König on May 2, 2024 10:00 a.m.

Submission/examination:

Number of participants: 7

V

Selected Topics of Fine Art: How you look at it

1710368, SS 2024, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
Photography is a technical medium. Photographic practice requires a comprehensive knowledge of the equipment and tools to be used, a deep understanding of the underlying processes and their critical reflection.
The focus of the seminar is the development of an independent photographic work on a given topic. The theoretical input includes an analysis of photographic images and a guide to understanding the impact of photography. The seminar begins with an examination of a photographic position. The next step is a visit to an exhibition to explore the use of different media in the display of images and the presentation of photography. After a short exercise, the process of developing a personal interpretation of the seminar topic begins, starting with brainstorming, continuous corrections and the final presentation of the photographic work in a possible exhibition context.

Regular date: Mondays, 14:00h - 17:00h

Dates: Monday, 15.04.2024 and 15.07.24 09:45
Final presentation: Monday, 05.08.2024, 09:45

Room: Green Grotto

Participants 6

T 4.54 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 23/24	1710361	Selected Topcis of Fine Art: Life Drawing	4 SWS	Practice / 🗣	Globas
WT 23/24	1710362	Selected Topcis of Fine Art: How to make a book	4 SWS	Practice / 🗣	Craig, Engel
WT 23/24	1710364	Selected Topics of Fine Arts: Line and time, figure skating on paper.	4 SWS	Practice / 🗣	Goetzmann
WT 23/24	1710365	Selected Topcis of Fine Art: Hochsitzcafé auf der Katzenwedelwiese - Approaches to an Aesthetics of Sustainability	4 SWS	Practice / 🗣	Craig, Schelble
WT 23/24	1710372	Selected Topics of Fine Arts: The Togetherness is the Form	4 SWS	Practice / 🗣	Pawelzyk, Craig
WT 23/24	1710373	Selected Topics of Fine Arts: COM_BREW_CHA Community Brewing LAB	4 SWS	Practice / 🗣	Craig, Kranz
ST 2024	1710361	Selected Topics of Drawing: Nude Drawing	4 SWS	Practice / 🗣	Globas
ST 2024	1710362	Selected Topics of Fine Art: Line and Time, Figure Skating on Paper	4 SWS	Practice / 🗣	Goetzmann
ST 2024	1710364	Selected Topics of Fine Art: Greenspace: DisPlayZone	4 SWS	Practice / 🗣	Craig, Schelble
ST 2024	1710368	Selected Topics of Fine Art: How you look at it	4 SWS	Practice / 🗣	Craig, Engel

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

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

Prerequisites
none

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

V **Selected Topcis of Fine Art: Life Drawing** **Practice (Ü) On-Site**
1710361, WS 23/24, 4 SWS, Language: German, Open in study portal

Content
Illustration of the human bogy - Possibilities of drawing

Proportion studies and material experiments in different techniques and formats

Appointment: Mo / Th. 06:15 PM - 09:15 PM, 20.40 R204 Zeichensaal

First meeting: 23.10.2023 ; 6:15 PM ; 20.40 R204 Zeichensaal

Number of participants: 13 + 2 Erasmus

Submission/Exam:

V

Selected Topcis of Fine Art: How to make a book

1710362, WS 23/24, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
The seminar deals with the conceptual and designed relationships between image and text in the form of book design as well as with the diverse characteristics of fonts and their specific use.
The results are to visualise personal design approaches and demonstrate a content-oriented treatment of typeface and image.

Appointment: Mo. 2:00 PM - 5:00 PM, 20.40 R221 BPL

First meeting: 30.10.2023 ; 2:00 PM ; 20.40 R221

Number of participants: 6 BA

Submission/ Exam: 22.04.2024

V

Selected Topics of Fine Arts: Line and time, figure skating on paper.

1710364, WS 23/24, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
Drawing search movements can imply a vague thought and open up a spontaneous conversation with lines. The quality of this conversation lies in being pen and omitted, which can bring a lightness to the design process.

In "Line and Time, Figure Skating on Paper" we will explore different drawing techniques and approaches. Through various exercises we will playfully learn to connect eye and hand. The development of the power of observation is at the centre of the exercises. Free drawing is a concrete tool to find access to seeing, to train the process of perception, to recognise forms and proportions. The seminar is structured as a process, the drawing skills are developed gradually and playfully and transferred into experimental, open formats during the course of the semester.

Appointment: Tue 2:00 PM - 5:00 PM, 20.40 R204 BK Zeichensaal

First meeting : 24.10.2023 ; 2:00 PM ; 20.40 R204

Submission/Exam:

Number of participants: 13 + 2 Erasmus

V

Selected Topcis of Fine Art: Hochsitzcafé auf der Katzenwedelwiese - Approaches to an Aesthetics of Sustainability

1710365, WS 23/24, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
As part of the project Hochsitzcafé on the Katzenwedelwiese, an group of high seats is to be artistically designed and built. The temporary art installation, consisting of three high seats, is intended to serve as a platform for communication and a change of perspective on the ZKM's meadow orchard (Katzenwedelwiese). The original meaning of the high seats as a hunting facility is metaphorically shifted to a communal and sociable setting by moving them together in the form of a seating group. In the design and implementation, the aim is to achieve a coherent combination of sustainability and aesthetics. The design possibilities and challenges of planning and building broadly without primary raw materials and with a limited budget are to be investigated. Individual dates can deviate from the regular dates by arrangement.

Locations: Drawing room, KIT wood workshop, Katzenwedelwiese

https://zkm.de/de/magazin/2021/05/die-zkm-streuobstwiese-als-unesco-kulturerbe, St.-Florian- Strasse 14. 76135 Karlsruhe

construction week from 27.11.-01.12.2023 plus 04.12. and 05.12.2023 if required

In cooperation with Olaf Quantius (artist, doctoral student Kunstuni Linz)
Prof'in. Andrea Klinge, Chair of Construction and Design (IEB)
Manuel Michalski, academic assistant, Chair of Construction and Design (IEB)

Prof. Dr.-Ing. Riccardo La Magna, Chair of Structural Engineering and Design (IEB) Tamara Haußer, academic assistant, Chair of Structural Planning and Design (IEB) Anita Knipper, Wood Workshop (ARCH)
Cooperation partners:

Hanna Jurisch, curator (ZKM)
Possibly citizens' association Bulach/Beiertheim

Appointment: Fri, 10 AM - 1 PM, 20.40 R204 Zeichensaal

First meeting: 26.10.2023, 10 AM,

Number of participants: 8 BA

V **Selected Topics of Fine Arts: The Togetherness is the Form** **Practice (Ü) On-Site**
1710372, WS 23/24, 4 SWS, Language: German, Open in study portal

Content
In this seminar we will deal with the topic: body, language and collectivity.

The body, its posture and movement, that non-linguistic space that provides information about inner states, will be our starting point. We go in search of spaces that lie between inside and outside, between the collective and the individual.

These interstices hold space for fluidity, ambiguity and offer chances to fathom relations anew. With the help of the fields of performance, gestures and non-verbal communication, we start the attempt to jointly develop a system of understanding in the form of a variable canon of movement

In open experiments we devote our attention to the body. Different methods such as Feldenkrais practices, Contact Improvisation, as well as QIJ ("nonsense in joggingpants") will provide an experimental space to play.

The seminar takes place in cooperation with the student conference on art education: "Between spaces - stimulate, excite, excite" of the Institute for Art of the PH Karlsruhe

Appointment: Mo. 2:00 PM - 5:00 PM, 20.40 R204 BK

First meeting : Monday 30.10.2023, 2:00 PM, 20.40 R204 BK

Submission/Exam: 12.02.2024

Number of participants: 6 BA

V **Selected Topics of Fine Arts: COM_BREW_CHA Community Brewing LAB** **Practice (Ü) On-Site**
1710373, WS 23/24, 4 SWS, Language: German/English, Open in study portal

Content
Kombucha, Kefir, Kvass
Laboratory, Kitchen, Bar
fermenting, eating and drinking together
sharing knowledge
becoming grounded.
Making natural, non-alcoholic fermented drinks together
and talking about fermentation, circularities, collectivity, symbiosis and care.
Open for all students, WAMs and VTs.
Appointment: Tue, 5:30 PM - 8:30 PM, 20.40 R204 Zeichensaal
First meeting : Tue 24.10.2023, 5:30 PM - 8:30 PM, 20.40 R204 Zeichensaal
Submission/Exam:
Number of participants: 6 BA

V **Selected Topics of Drawing: Nude Drawing** **Practice (Ü) On-Site**
1710361, SS 2024, 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: 18.04.2024; 6:15 PM
Submission/Exam:
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 2024, 4 SWS, Language: German, Open in study portal

Content
Drawing search movements can imply a vague thought and open up a spontaneous conversation with lines. The quality of this conversation lies in being pen and omitted, which can bring a lightness to the design process.
In "Line and Time, Figure Skating on Paper" we will explore different drawing techniques and approaches. Through various exercises we will playfully learn to connect eye and hand. The development of the power of observation is at the centre of the exercises. Free drawing is a concrete tool to find access to seeing, to train the process of perception, to recognise forms and proportions. The seminar is structured as a process, the drawing skills are developed gradually and playfully and transferred into experimental, open formats during the course of the semester.
Appointment: Tue 6:15 PM - 9:00 PM ;
First meeting: 16.04.2024 , 6:15 PM
Submission/Exam:
Number of participants: 10 + 2 Erasmus

V **Selected Topics of Fine Art: Greenspace: DisPlayZone** **Practice (Ü) On-Site**
1710364, SS 2024, 4 SWS, Language: German, Open in study portal

Content
An infrastructure for artistic interventions is to be developed for a derelict section of the former Westwall in Rheinstetten. In this way, the site is to be opened up for a transformation process of aesthetic design. An exhibition zone is to be created alongside and with lively, growing spatial structures: In collaboration with the scenography department of the HFG, temporary exhibition (outdoor) spaces are to be designed and tested in the area of the emerging orchard, making the possible interactions of sustainability and aesthetics visible. The boundary conditions of the task consist of the co-creative processes of human and non-human beings and the imaginative, aesthetic translatability of spatial structures with simple means. Cooperation with Hanne König (academic assistant HFG) and the students of the exhibition design and scenography group as part of the Open Studio (HfG), Olaf Quantius (artist, doctoral student at the Kunsthochschule Linz), Martin Reuter (nature conservation officer, City of Rheinstetten),

Regular date: Fridays, 09:45 a.m - 1:00 pm
First date: Friday 19.04.2024 09:45 a.m in the drawing room, 204 building 20.40

Special date with Hanne König on May 2, 2024 10:00 a.m.

Submission/examination:

Number of participants: 7

V

Selected Topics of Fine Art: How you look at it

1710368, SS 2024, 4 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
Photography is a technical medium. Photographic practice requires a comprehensive knowledge of the equipment and tools to be used, a deep understanding of the underlying processes and their critical reflection.
The focus of the seminar is the development of an independent photographic work on a given topic. The theoretical input includes an analysis of photographic images and a guide to understanding the impact of photography. The seminar begins with an examination of a photographic position. The next step is a visit to an exhibition to explore the use of different media in the display of images and the presentation of photography. After a short exercise, the process of developing a personal interpretation of the seminar topic begins, starting with brainstorming, continuous corrections and the final presentation of the photographic work in a possible exhibition context.

Regular date: Mondays, 14:00h - 17:00h

Dates: Monday, 15.04.2024 and 15.07.24 09:45
Final presentation: Monday, 05.08.2024, 09:45

Room: Green Grotto

Participants 6

T 4.55 Course: Selected Topics of Structural Analysis [T-ARCH-112498]

Responsible: Dr. Anette Busse
Organisation: KIT Department of Architecture

Part of: M-ARCH-106127 - Selected Topics of Structural Analysis

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

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

Prerequisites
none

T 4.56 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					
WT 23/24	1720761	Selected Topics of Structural Design: DomeCrafters		Seminar / 🗣	La Magna, Andersson Largueche
ST 2024	1720754	Selected Topics of Structural Design: Form and Structure - Structural Skins	2 SWS	Seminar / 🗣	La Magna, Andersson Largueche, Ehrhardt
ST 2024	1720763	Selected Topics of Structural Design: WEarth it! Horizontally Tensioned Earth		Seminar / 🗣	La Magna, Haußer

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

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

Prerequisites
none

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

V Selected Topics of Structural Design: DomeCrafters

1720761, WS 23/24, SWS, Language: German/English, Open in study portal

Seminar (S)
On-Site

Content
The seminar DomeCrafters will focus on bending-active timber structures, from planning to realization. In the first part of the seminar, the students will be introduced to the underlying geometrical and structural principles of elastic bending, as well as typical digital workflows from form-finding to production. The main goal of the seminar is to realize a full-scale geodesic timber dome. Through this design & build exercise, the students will gain knowledge and experience in CNC fabrication and in the construction of geometrically complex structures. Knowledge in Rhino3D and Grasshopper is welcome, but is not a prerequisite.

1st meeting: 23.10.2023; 11:30 a.m.
Rule date: Monday, 11:30 a.m. – 1:00 p.m.

Delivery/Examination: to be announced

Number of participants: 15

Language: German/English

Organizational issues
Liebe Studierende,

das DomeCrafters-Seminar (Prof. La Magna) findet am 23. Oktober 2023 im Raum 240 / 2.OG (Bauko) statt.

Bei Fragen wenden Sie sich bitte an Mayerling Wolf unter 0721 608 42183.

V **Selected Topics of Structural Design: Form and Structure - Structural Skins** **Seminar (S) On-Site**
1720754, SS 2024, 2 SWS, Language: German/English, Open in study portal

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.

1st meeting: 15.04.2024; 2:00 p.m.
Rule date: Monday, 2:00 p.m. – 3:30 p.m.
Location: B. 20.40 R. 240
Delivery/Examination: to be announced
Number of participants: 20

V **Selected Topics of Structural Design: WEarth it! Horizontally Tensioned Earth** **Seminar (S) On-Site**
1720763, SS 2024, SWS, Language: German/English, Open in study portal

Content
The seminar "WEarth it! Horizontally tensioned earth" aims to delve into the foundational aspects of the construction material earth, exploring its limitations and advancing the development of horizontally engaging structural elements through its combination with wood. The focus will be on developing and producing prototypes, as well as conceptualizing and designing a comprehensive ceiling system, with a particular emphasis on detail development.

1st meeting: 16.04.2024; 14:00 a.m.
Rule date: Tuesday 2:00 p.m. – 3:30 p.m.
Location: B. 20.40 R. 221
Delivery/Examination: after announcement!
Number of participants: 16

T 4.57 Course: Selected Topics of Sustainability [T-ARCH-107426]

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

Part of: M-ARCH-103684 - Selected Topics of Sustainability

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

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

Prerequisites
none

T 4.58 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 23/24	1731096	Selected Topics of Urban Design: An Urban Hunt for Stressors in Cycling and Walking	2 SWS	Seminar / 🗣	Neppl, Haug, Zeile
WT 23/24	1731157	Selected Topics of Urban Design: Metropol.X – Tbilisi	2 SWS	Seminar / 🗣	Engel, Staab
ST 2024	1731157	Selected Topics of Urban Design: Metropol.X. Pristina. Crises and Challenges	2 SWS	Seminar / 🗣	Engel, Lev

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

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

Prerequisites
none

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

V Selected Topics of Urban Design: An Urban Hunt for Stressors in Cycling and Walking

Seminar (S)
On-Site

1731096, WS 23/24, 2 SWS, Language: German, Open in study portal

Content
"Stress and the City" is Mazda Adli's description of the young research field of neurourbanism. With the help of sensors and methods from the Urban Emotions Initiative, it is possible to detect stress points in the city. But the question is: What triggers this stress? Is it personal noise or the urban environment directly affecting each? Are indices like Bikeability and Walkability reliable in assessing infrastructure? What correlations can be observed? We will provide you with a canon of methods to conduct your own stress measurements and GIS analyses in an urban context, and to try them out in partner communities.
The research seminar is embedded in the ESSEM project.

Appointment: Tue, 9:45 am–1:00 pm, Bldg. 11.40, R015
Excursion: during the event
Submission/exam: 27.02.2024
Number of Participants: 8
Form: teamwork (2)

V Selected Topics of Urban Design: Metropol.X – Tbilisi

Seminar (S)
On-Site

1731157, WS 23/24, 2 SWS, Language: English, Open in study portal

Content
In its more than 1500 years of history, Georgia's capital Tbilisi was subjected to a variety of political and cultural influences. Whilst being part of the Persian Kingdom when founded, it later became part of Byzantium, Turkey, and later Russia, respectively the Soviet Union. The different phases of the city's development are still clearly visible in its spatial structure. The seminar examines the different facets of the city, be it housing, infrastructure, education, geography, greenery, economy, lifestyle, or public space, which are to be critically evaluated and visualized on maps. As a result, an atlas of the contemporary urban landscape of Tbilisi should be produced.

Appointment: Tue 09:45-11:15, 11.40 R013

First Meeting: Tue 24.10.2023

Pin-up: Tue 28.11.2023

Presentation: Tue 06.02.2024

Submission: Tue 05.03.2024

Number of Participants: 12 (BA)

Groupwork: Teamwork

V **Selected Topics of Urban Design: Metropol.X. Pristina. Crises and Challenges** **Seminar (S) On-Site**
1731157, SS 2024, 2 SWS, Language: English, Open in study portal

Content
Pristina faces many challenges: Uncontrolled construction activity and a growing housing shortage, an increase in social inequality, a deficit in green spaces and the congestion of the transport infrastructure characterize the capital of Kosovo. A lack of governance structures and weak institutions encourage corruption and illegal developments. How can resilient urban development succeed in the face of these crises? In the seminar, selected aspects of the city will be mapped, critically evaluated and finally visualized. The result will be an atlas of Pristina's contemporary urban landscape.

Appointment: Tue 11:30 am-1:00 pm, 11.40 R013

First Meeting: Tue 16.04.2024

Submission: Tue 13.08.2024

Number of Participants: 15 (BA+ MA)

Groupwork: Single/Teams of two

Focus of Study: Urban Design

In WS 24/25, an Urban Design Studio Workshop in Pristina will be offered.

T 4.59 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 23/24	1731157	Selected Topics of Urban Design: Metropol.X – Tbilisi	2 SWS	Seminar / 🗣	Engel, Staab

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

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

Prerequisites
none

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

V Selected Topics of Urban Design: Metropol.X – Tbilisi

1731157, WS 23/24, 2 SWS, Language: English, Open in study portal

Seminar (S)
On-Site

Content
In its more than 1500 years of history, Georgia's capital Tbilisi was subjected to a variety of political and cultural influences. Whilst being part of the Persian Kingdom when founded, it later became part of Byzantium, Turkey, and later Russia, respectively the Soviet Union. The different phases of the city's development are still clearly visible in its spatial structure. The seminar examines the different facets of the city, be it housing, infrastructure, education, geography, greenery, economy, lifestyle, or public space, which are to be critically evaluated and visualized on maps. As a result, an atlas of the contemporary urban landscape of Tbilisi should be produced.

Appointment: Tue 09:45-11:15, 11.40 R013

First Meeting: Tue 24.10.2023

Pin-up: Tue 28.11.2023

Presentation: Tue 06.02.2024

Submission: Tue 05.03.2024

Number of Participants: 12 (BA)

Groupwork: Teamwork

T 4.60 Course: Selectet Topics of Building Studies and Design [T-ARCH-107317]

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

Organisation: KIT Department of Architecture

Part of: M-ARCH-103577 - Selectet Topics of Building Studies and Design

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

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

Prerequisites
none

T 4.61 Course: Self Assignment HoC-ZAK-SpZ 1 not graded [T-ARCH-111746]

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

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

Competence Certificate
Completed coursework that varies type-wise and scope-wise, depending upon the course taken.

Prerequisites
none

Self service assignment of supplementary stdues
This course can be used for self service assignment of grade aquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Zentrum für Angewandte Kulturwissenschaft und Studium Generale

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

T 4.62 Course: Self Assignment HoC-ZAK-SpZ 2 not graded [T-ARCH-111747]

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

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

Competence Certificate
Completed coursework that varies type-wise and scope-wise, depending upon the course taken.

Prerequisites
none

Self service assignment of supplementary stdues
This course can be used for self service assignment of grade aquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Zentrum für Angewandte Kulturwissenschaft und Studium Generale

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

T 4.63 Course: Self Assignment HoC-ZAK-SpZ 3 not graded [T-ARCH-111748]

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

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

Competence Certificate
Completed coursework that varies type-wise and scope-wise, depending upon the course taken.

Prerequisites
none

Self service assignment of supplementary stdues
This course can be used for self service assignment of grade aquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Zentrum für Angewandte Kulturwissenschaft und Studium Generale

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

T 4.64 Course: Self Assignment HoC-ZAK-SpZ 4 graded [T-ARCH-111749]

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

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

Competence Certificate
according to the assignment to be credited

Prerequisites
none

Self service assignment of supplementary stdues
This course can be used for self service assignment of grade aquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Zentrum für Angewandte Kulturwissenschaft und Studium Generale

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

T 4.65 Course: Self Assignment HoC-ZAK-SpZ 5 graded [T-ARCH-111750]

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

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

Competence Certificate
according to the assignment to be credited

Prerequisites
none

Self service assignment of supplementary stdues
This course can be used for self service assignment of grade aquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Zentrum für Angewandte Kulturwissenschaft und Studium Generale

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

T 4.66 Course: Self Assignment HoC-ZAK-SpZ 6 graded [T-ARCH-111751]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-103602 - Key Qualifications

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

Competence Certificate
according to the assignment to be credited

Prerequisites
none

Self service assignment of supplementary stdues
This course can be used for self service assignment of grade aquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Zentrum für Angewandte Kulturwissenschaft und Studium Generale

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

T 4.67 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 2024	1700030	Seminar Week: sit	1 SWS	Block / 🗣	Knipper
ST 2024	1700033	Seminar Week: Phantom Projects – Digital Study Workshop	1 SWS	Block / 🗣	Jager
ST 2024	1710109	Seminar Week: Archival Bastards	2 SWS	Seminar / 🗣	Frohn, Streicher
ST 2024	1710304	Seminar Week: Go South	2 SWS	Block / 🗣	Hartmann, Kadid, Coricelli, Vansteenkiste
ST 2024	1710360	Seminarweek: "At Home with Binti, Henry, and Benny, Ettlinger Str. 6"	2 SWS	Block / 🗣	Craig, Pawelzyk
ST 2024	1710412	Seminar week: Annotated Italy! Living Archives!	1 SWS	Excursion (E / 🗣	Meister, Knoop, Wilkinson
ST 2024	1710455	Seminar week: Concrete Communication: Frankfurt/Main	1 SWS	Block / 🗣	Rambow, Alkadi
ST 2024	1720509	Seminar Week: Field Trip to Zurich (Wappner)	1 SWS	Block / 🗣	Wappner, Hörmann, Kochhan
ST 2024	1720558	Seminar Week: Space Perception and Visual Impairment	1 SWS	Block / 🗣	Karmann, Song, Dong, Yildiz, Sepúlveda
ST 2024	1720608	Seminar week: Zumthor et al. – A journey across the Alpine region	1 SWS	Excursion (E / 🗣	Hebel, Hoss, Boerman, Rausch
ST 2024	1720656	Seminar Week: Enjoy the Silence (Klinge)	1 SWS	Block / 🗣	Klinge, Michalski, Weber
ST 2024	1720713	Seminarweek: BIM-Projects and Measurment	2 SWS	Block / 🗣	von Both, Sartorius
ST 2024	1720751	Seminar Week: Digital Skins	1 SWS	Block / 🗣	La Magna, Dörstelmann, Fuentes Quijano, Feldmann
ST 2024	1720810	Seminarwoche: TerraTimber	1 SWS	Block / 🗣	Dörstelmann, La Magna, Fischer, Zanetti, Witt, Haußer
ST 2024	1720907	Seminar Week: A round matter - Roadtrip along surfaces with curvature	1 SWS	Block / 🗣	Wagner, Ge, Sickinger, Mildenberger
ST 2024	1720983	Seminar Week: Solar Decathlon Revisited		Block / 🗣	Wagner, Rissetto, Mann
ST 2024	1731094	Seminarweek: Urban [Remote] Sensing	1 SWS	Block / 🗣	Neppl, Haug, Zeile
ST 2024	1731199	Seminar Week: Critical Mapping Karlsruhe (Engel)	1 SWS	Block / 🗣	Engel, Böcherer, Lev, Staab, Kannen
ST 2024	1731299	Seminarweek: Stockholm Archipelago	1 SWS	Block / 🗣	Inderbitzin, Multerer, Schork, Zickert, Zlokapa, von Zepelin
ST 2024	1741383	Seminar week: Granada Excursion: Architectural Travel in Theory and Practice	2 SWS	Block / 🗣	Medina Warmburg

ST 2024	1741386	Seminar week: The Potsdam Cultural Landscape - Architectural and Landscape-Historical Development between 1750 and 1930	2 SWS	Block / 🗣	Gawlik
ST 2024	1741389	Seminar week: Learning to Interpret Remains - Introduction to Architectural Research at Freiburg Minster	2 SWS	Block / 🗣	Brehm
ST 2024	1800025	Seminar Week: Graffiti in Karlsruhe	1 SWS	Block / 🗣	Papenbrock

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: sit**
1700030, SS 2024, 1 SWS, Language: German, Open in study portal
Block (B)
On-Site

Content
We learn this basic attitude at the age of about five to nine months. Our buttocks and thighs rest on a defined base when the upper body is upright. Sitting has always had a social meaning and at the same time it affects our body. We try to shed light on the connections together. In addition to looking at the basic attitude, we look at how architects have dealt with this task and search for proportion, meaning and materiality in their results. In simple structural models, we try to approach the different seating options in order to be able to understand what the differences are.

Appointment: 21.-24.05.2024

1st Meeting: , Geb. 20.40, R-149

Costs: about 35 Euro

Number of Participants: 6

V **Seminar Week: Phantom Projects – Digital Study Workshop**
1700033, SS 2024, 1 SWS, Language: German, Open in study portal
Block (B)
On-Site

Content
Exploring unrealized possibilities in model making
The seminar week offers a unique opportunity to explore creative ideas and experimental techniques. The focus is on innovative materials and an effective workflow. Topics include file optimization, material selection and time saving. Participants design a model of approx. 20x20x20 centimeters. Basic materials will be provided, there should be no additional costs.
The aim of the seminar is to create a model that not only reflects the creativity of the participants, but also demonstrates the possibilities of model making. An exhibition of the model will honor and document the work of the participants, giving them the opportunity to share their experiences and insights and pass on their knowledge.

Date: 21-24.05.2024

1st meeting: 21.05.2024 10:00 am

Costs: -

Number of participants: 8

V **Seminar Week: Archival Bastards**
1710109, SS 2024, 2 SWS, Open in study portal
Seminar (S)
On-Site

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 match archival material that was not destined to meet.
You will work with a series of pre-selected sectional drawings of projects from a wide variety of architects, historical periods as well as typologies. Using different strategies of visual association such as Exquisite corps, Palimpsest and Cut-up, you will bring together two of these unrelated drawings thereby creating your own “architectural 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 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?

Appointment: 21.05.2024 – 24.05.2024
First Meeting: 21.05.2024 – 9.30
Submission: 24.05.24

V **Seminar Week: Go South** **Block (B)**
1710304, SS 2024, 2 SWS, Language: German/English, Open in study portal **On-Site**

Content
Our seminar trip will take us to Barcelona, 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
Event Format: On-site
First Meeting and Presentation of the Program: 17.05.2024, online
Schedule: Full Day Activities from 21.05 – 24.05.2024
Form: Collective work
Deliverables: Short films (interviews+building recordings)

Costs: ca. 350 Euro

V **Seminarweek: "At Home with Binti, Henry, and Benny, Ettlinger Str. 6"** **Block (B)**
1710360, SS 2024, 2 SWS, Language: German, Open in study portal **On-Site**

Content
We are conducting a comprehensive visual investigation on the theme of "Architecture for Animals." With consideration for the Human-Animal aspect, our focus is on designing habitats for animals that directly interact with human living spaces. The emphasis is on the documentary and illustrative analysis of existing examples of zoo architecture found in the Karlsruhe Zoo. Throughout the seminar week, we aim to create sketches and drawings that serve as a form of site analysis, capturing all relevant aspects. We will collect visual information about various animal species, their habits, and needs, as well as the daily routines of zoo residents, staff, and visitors. In a daily concluding feedback session, we will exchange our observations, thoughts, research findings, and ideas, along with sharing sketches.

For the implementation, we will require a sketchpad in A4 or A3 formats, along with pencils of varying hardness (HB, B, 2B, 4B to 8B). Additional drawing materials such as a white eraser, kneaded eraser, and optionally a drawing pad or board are recommended. Depending on personal preference, other drawing materials such as ballpoint pens, felt-tip markers, ink and nib holders, charcoal, pastel chalk, colored pencils, and a portable camping chair may also be used.

The discounted admission fee is €5 per person per day.

Organizational issues
21.05.-24.05.24 09:00-18:00 Uhr

V Seminar week: Annotated Italy! Living Archives!

1710412, SS 2024, 1 SWS, Language: German/English, Open in study portal

Excursion (EXK)
On-Site

Content
In a historical overlay, we will re-enact and annotate a KIT excursion to Italy from 2002 during the seminar week. Using original slides, timelines and built examples, we will compare the aging processes, urban and demographic changes and appropriations since 2002 on site. Changes in the medial mediation of architecture (slides vs. Instagram, lecture vs. TikTok) will be illustrated as well as the question of renaissance and postmodernism, antiquity and archives that overlap. A workshop at the Institute of Art History in Florence at Palazzo Grifoni will examine archival processes as a critical practice.

Focus of study: Architectural and Cultural Heritag

Expenses: ca. 300€ travel expenses + 300€ accommodation costs. self-booking.
Block seminar (seminar week): 21.05.24 - 24.05.24
Briefing: 23.04.24 13 - 14 pm, Geb.20.40 Seminarraum Architekturtheorie R. 258

Number of Participants: 20

V Seminar week: Concrete Communication: Frankfurt/Main

1710455, SS 2024, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Frankfurt, which can be reached from Karlsruhe by ICE in just over an hour, is one of the most exciting cities in Germany. It features an extreme concentration of urbanistic themes and contradictions on a relatively small footprint. It has always had a tradition of open debate, but also of pragmatic solutions and a fundamental trust in the possibility of positive development. We want to roam this lovely small metropolis for four days, focusing on those places where architecture is mediated, communicated and argued about: The German Architecture Museum, the City History Museum, the New Old Town, the Schauspielhaus etc.

You will have to organize your own travel to and from Frankfurt. 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. 200 euros

Block date: Tue 21.05.– Fri 24.05.2024, 9:00 am to 5:00 pm
1st meeting: Tue, 21.05.2024, 9:00 am, meeting point will be announced via ILIAS
Number of participants: 20

V Seminar Week: Field Trip to Zurich (Wappner)

1720509, SS 2024, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Situated between the lake and mountain peaks, Zurich has much more to offer than just the well-known postcard motifs of the Swiss capital. The city's social and cultural diversity is essentially based on its rich history of multi-layered urban development with its numerous striking and cityscape-defining cultural and infrastructure buildings from different eras, traditional cooperative residential buildings and contemporary housing experiments, the many artificial landscape gardens and extraordinary cemeteries.

An architectural excursion to Zurich lasting several days offers us the opportunity to get to know the enviable building culture with regard to the distinctive competition system and the high building density with regard to current urban planning, open space planning and architectural developments. We want to move through the established structures of the core city as well as through numerous newly developed areas in the surrounding area and explore the specifically selected neighborhoods and buildings in more detail with expert explanations and guided tours in order to discuss the concepts and structural implementations together.

Period: 21.05.2024, preliminary meeting with distribution of tasks

22.05.2024 - 24.05.2024, excursion, full day

Location: Zurich

Costs: approx. 280 €

Number of participants: 14 places Bachelor, 6 places Master

V Seminar Week: Space Perception and Visual Impairment

1720558, SS 2024, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Understanding the environment around us is very useful and reassuring. It helps us to reach given locations and gives us the confidence to explore new places. To understand spaces, we first use our vision. This is how we perceive shapes, estimate distances and read maps. But what do people with visually impairment rely on to understand spaces?

During this week, we want to raise students' awareness of the visual impairment, get them to test and identify the visual and non-visual elements that are useful for understanding space, and confront them with the creation of media (e.g. tactile maps) to enable visually impaired people to understand building plans.

The week will include a trip to Frankfurt for the exhibition "Dialogues in the Dark", a trip to Marburg, a historical city later adapted to blind users, and exchanges with multiple guests to discuss space perception and research on accessible mapping.

In line with the language of the lecturers, the course will be held mainly in English. Yet, some guest speakers may also speak German.

Appointment: 21.05.2024 – 24.05.2024

V **Seminar week: Zumthor et al. – A journey across the Alpine region** **Excursion (EXK)**
1720608, SS 2024, 1 SWS, Language: German/English, Open in study portal **On-Site**

Content
During Whitsun week, we want to travel to the Alpine foreland to experience Peter Zumthor's buildings and his work with space, light and material. The region, rich in diverse architecture, has numerous other projects to offer. Our aim during the four days of our trip is to develop an understanding of regional materials, the places associated with them and processing technologies. We will get to know multifaceted industrial and residential architecture, but also visit museums and, last but not least, religious buildings. In addition, we will take the opportunity to meet the people behind the architecture by visiting architectural offices and a carpentry workshop in the region.The cost for travel, accommodation with breakfast and programme is estimated at around €375 per person.

First Meeting: 17.04.24, 11.30 am, building 11.40, Raum 26

Excursion: 21.05.2024 – 24.05.2024

Number of Participants: 26 Slots Bachelor / Master

Organizational issues
1. Treffen: 17.04.24, 11.30 Uhr, Geb. 11.40, Raum 26
Exkursion: 21. – 24.05.2024

V **Seminar Week: Enjoy the Silence (Klinge)** **Block (B)**
1720656, SS 2024, 1 SWS, Language: German/English, Open in study portal **On-Site**

Content
During the seminar week, we will focus on the experimental construction of a straw noise barrier for the MitMachGarten Ostring e.V. in Karlsruhe. This event offers the opportunity to gain practical experience in the field of sustainable building with straw and reused building components and to explore innovative solutions to noise protection problems.

Noise pollution is one of the biggest challenges, especially in an urban context, which can affect the quality of life of local residents. MitMachGarten is therefore looking for an environmentally friendly solution to reduce noise pollution for its members on the garden plot on Ostring.

The aim of this event is to give participants an understanding of sustainable building techniques and to develop practical skills in building a straw sound barrier. We place particular emphasis on minimizing the impact on the soil ecosystem by making the foundations deconstructable and recyclable.

With our pilot noise barrier, we want to create a creative and environmentally friendly basis for the construction of the entire noise barrier by combining theoretical knowledge and practical implementation.

Period: 21.05.2023 - 24.05.2024 all day

Location: Karlsruhe

Number of participants: 20 places Bachelor / Master

V **Seminarweek: BIM-Projects and Measurment** **Block (B)**
1720713, SS 2024, 2 SWS, Language: German/English, Open in study portal **On-Site**

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 27. No prior knowledge of ArchiCAD is required. Participants must have a laptop with the ARCHICAD 27 Student version installed.

The seminar includes lectures and hands-on exercises.

Seminar week, four-day seminar in the form of a workshop 21.05.- 24.05.2024,, 09:00 am, all day long, in Presence

Submission: Friday 19.04.2024, 9:45 am, Seminar Room BLM

Number of participants: 20 + 1 Erasmus Student

V Seminar Week: Digital Skins

1720751, SS 2024, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

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: Tue, 21.05.2024; 09:45 am

Bldg. 20.40, R tba

Submission/Exam: Fri, 24.05.2024

Number of Participants: 20

La Magna, Riccardo

Dörstelmann, Moritz,

Andersson Largueche, David
Fuentes Quijano, Javier

Feldmann, Carolin

V Seminarwoche: TerraTimber

1720810, SS 2024, 1 SWS, Language: English, Open in study portal

Block (B)
On-Site

Content
TerraTimber offers an opportunity to gain firsthand insights and experience in digital design and fabrication systems that enable circular, material-appropriate, and -efficient architecture. Utilizing computational tools and augmented reality, our goal is to upcycle wood waste and combine it with earth into a circular construction system. Based on concepts from previous studios, we will build a full-scale research demonstrator for the "Das Fest" festival in July 2024. This structure will showcase our research and serve as a pavilion for public discourse. We will be hands-on, sorting wood waste, applying computational concepts through augmented reality and crafting circular wood components.

21.05.- 24.05.2024

Place: DDF_Lab

Number of Participants: 20

No prior knowledge is required.

V Seminar Week: A round matter - Roadtrip along surfaces with curvature

1720907, SS 2024, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
For four days, we set out to explore load-bearing structures that combine the efficiency and aesthetics of double-curved surfaces. We will experience spaces whose boundaries between wall and ceiling are fluid, have unusual geometries and convey a sense of lightness. With timber, membrane and reinforced concrete structures in Cologne, Luxembourg and Metz, among others, we will get to know and understand a broad spectrum of materials, forms and constructions.

Time: Tue. 21.05.2024, 8.00 a.m. - Fri. 24.05.2024, 6.00 p.m.

Location: Cologne, Luxembourg, Metz

Shared accommodation in youth hostels

Costs for accommodation and meals:

250€ per person for transportation and half board. The students must also pay for additional food and drink.

Travel costs and entrance fees are covered

A different kind of exam

Participants: 16 Bachelor and 5 Master places

V **Seminar Week: Solar Decathlon Revisited** **Block (B) On-Site**
1720983, SS 2024, SWS, Language: German, Open in study portal

Content
Two years ago, the Solar Decathlon Europe took place in Wuppertal - a competition for sustainable, solar buildings, which our faculty won with the RoofKIT. There are still 8 buildings on the Wuppertal SolarCampus that serve as living labs for research. During the seminar week, we want to study these buildings in more detail and discuss them from various perspectives. The task will be to explore the building concepts on the basis of literature and personal inspections and then present them to the other members of the excursion group. Together with students from the University of Wuppertal, additional key topics will be discussed in workshops. Number of participants 16, costs per person approx. 200 €.

Seminar Week: 21.05 until 24.05.24 R.240

First Appointment: 21.05.24 10:00 AM

Exam: 24.05.24

Places: 9 bachelor, 7 master

V **Seminarweek: Urban [Remote] Sensing** **Block (B) On-Site**
1731094, SS 2024, 1 SWS, Language: German, Open in study portal

Content
What factors influence our perception when we move through the city? In which urban spaces do we feel comfortable or uncomfortable? And above all: how can we decipher these stressors?
The innovation of emotion sensing makes it possible to objectively measure human perception of the city. However, the question of the causes remains largely unexplored with this method. Often, they can only be captured with elaborate on-site inspections (e.g. mappings).
During the seminar week, we would therefore like to work with you to create a toolbox with which we can also record urban stressors "remotely" in the future. We will focus on two study areas in the city of Osnabrück.

Seminar Week: 21.-24.05.2024

First meeting: 21.05.2024, 9:45 am, Bldg. 11.40, R015

Exam performance: documentation

Cost: 0,- € (no excursion, seminar week takes place in Karlsruhe)

Number of Participants: 20

V **Seminar Week: Critical Mapping Karlsruhe (Engel)** **Block (B) On-Site**
1731199, SS 2024, 1 SWS, Language: German/English, Open in study portal

Content

How can we understand urban spaces in their complexity and sensuality? During the seminar week, selected urban places in Karlsruhe will be tracked down, their intrinsic logics perceived, researched and noted, and spatial, political, ephemeral, perhaps invisible phenomena highlighted. The choice of scale, style of projection, symbols and pictograms is intended to develop new forms of representation and encourage new ways of thinking about how our environment can be represented, how structures can be distilled from the data set and how relationships and relations can be shown. The aim is to create rhetorical, mental and graphic maps that reflect the subjective understanding of urban spaces in Karlsruhe.

Appointment: Tue - Fri

First Meeting: Tue 21.05.2024, 9:30 am, 11.40 R013

Submission/Exam: Fri 24.05.2024

Number of Participants: 20

V **Seminarweek: Stockholm Archipelago** **Block (B) On-Site**

1731299, SS 2024, 1 SWS, Language: German/English, Open in study portal

Content

During the seminar week we continue our series of sailing trips and spend a week in the Stockholm archipelago. The architectural discoveries will focus on the rich heritage of the city of Stockholm, the «Venice of the North» with its fourteen islands. From there, we will sail out to the lesser-known buildings on the many islands in the archipelago. The aim will be to understand the architecture and its genesis in relation to the territory, which means the geology and the water. In the evenings, we will moor in harbours or drop anchor and sleep, cook and eat together on the boat.

Travel dates: 18.5.-25.5.2024

Introduction meeting: will be published

Costs: approx. 550 Euro (excl. individual arrival)

Number of Participants: presumably 14

V **Seminar week: Granada Excursion: Architectural Travel in Theory and Practice** **Block (B) On-Site**

1741383, SS 2024, 2 SWS, Language: German, Open in study portal

Content

For a long time, travel was one of the fundamental cultural techniques used by both budding professionals and experienced enthusiasts to acquire a personal store of relevant architectural experiences. These educational and pleasure trips included both the Grand Tour of Classicism and the Oriental Journeys of Modernism. The latter will be the subject of an international conference at the University of Granada (Spain). Our excursion will not only include participation in this academic congress at the Alhambra: we will also examine the contemporary practice of architectural travel in situ, reflecting on the traditional means and purposes of this cultural technique.

Travel and accommodation must be organized by yourself. Costs approx. 800 €

(20.05.-24.05.2024)

First Meeting: Preliminary consultation

Thu 02.04.2024 5:15 pm - 18:30 pm

Seminar room history of building and architecture; Bldg. 20.40, R 015

Number of participants: 12

Study focus: Architectural and Cultural Heritage

V **Seminar week: The Potsdam Cultural Landscape - Architectural and Landscape-Historical Development between 1750 and 1930** **Block (B) On-Site**

1741386, SS 2024, 2 SWS, Language: German, Open in study portal

Content
On our excursion we want to take an intensive look at the parks of Sanssouci and Neuer Garten as well as the palaces of Sanssouci, Neues Palais, Charlottenhof, Marmorpalais and Cecilienhof. Frederick II the Great (reign: 1740-86) and Frederick William IV (reign: 1840-61) wanted to create a new park in a geographically small area in Potsdam's Spree landscape. (reign: 1840-61), accompanied by their respective architects Georg Wenzeslaus von Knobelsdorff (1699-1753), Karl Friedrich Schinkel (1781-1841), Ludwig Persius (1803-45) and the garden designer Peter Joseph Lenné (1789-1866), a unity of ideal landscape (French or Italian model) and expressive stately architecture was created.
Together we will take a walk through the gardens and visit the named palaces.

Admission costs around 52 euros per student. Please make your own arrangements for travel and accommodation.

A visit to Karl Förster's perennial garden (1874-1970) in Potsdam Bornim will round off our excursion. Together with Hermann Mattern and Herta Hammerbacher, Förster, a perennial plant breeder known throughout Germany, planned and implemented pioneering modern garden design in Potsdam and Berlin during the 1920s and 1930s.

Seminar week/excursion (4 days, Tue 21.5.24 - Fri 24.5.24)

1.Meeting: Fr 03.05.2024 5 pm, Bldg. 20.40, R 015
Number of Participants: 10

Focus of study: Architectural and Cultural Heritage

V

Seminar week: Learning to Interpret Remains - Introduction to Architectural Research at Freiburg Minster

Block (B)
On-Site

1741389, SS 2024, 2 SWS, Language: German, Open in study portal

Content
Freiburg Minster was built between the 13th and 16th century and further developed in the following centuries with additions and stone replacements. Since the Middle Ages, the stone has been handled by the building lodge (Bauhütte), a stonemasonry business that carries out restoration work as well as stone replacement. In spring 2024, two new areas of the cathedral will be scaffolded. Two buttresses on the south side of the cathedral show signs of damage that need to be addressed. Both components show traces of a chequered history, which will be deciphered during the seminar week. After gaining an insight into the work of the building lodge today, we will head to the scaffolding. The following questions will be explored in small working groups: Which components date from which period and how can this be recognised? What clues can be seen about the construction technique, the production and the backfilling? Which traces indicate the construction process? How many people were involved in the construction?

The program is enriched by half-day excursions to buildings that show visible traces of history and its development, which are read, deciphered and interpreted together.

1st meeting: 21.05.2024, 10:30, Schoferstraße 4, 79098 Freiburg

Please bring along: 1 drawing board (min. DinA4), pencil, coloured pencils, folding rule, sturdy shoes, sturdy clothing

Costs: The journey from Karlsruhe to Freiburg and back must be organised by the participants themselves. Simple overnight accommodation with sleeping mat and sleeping bag in the building lodge (Münsterbauhütte) (please register in advance).

Number of participants: 20

Study focus: Architectural and Cultural Heritage

V

Seminar Week: Graffiti in Karlsruhe

Block (B)
On-Site

1800025, SS 2024, 1 SWS, Language: German, Open in study portal

Content
This course, which takes place during the seminar week, is about the documentation of graffiti in Karlsruhe. Participants are to photograph graffiti in Karlsruhe's urban space, upload it via an app (lingscape) and record and analyze it in a structured way in a database (INGRID). The condition for participation is the possession of a smartphone.

Seminar week: 21.5. to 24.5.2024

Exam: 24.5.2024

Places: 20

T 4.68 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 2024	1700030	Seminar Week: sit	1 SWS	Block / 🗣	Knipper
ST 2024	1700033	Seminar Week: Phantom Projects – Digital Study Workshop	1 SWS	Block / 🗣	Jager
ST 2024	1710109	Seminar Week: Archival Bastards	2 SWS	Seminar / 🗣	Frohn, Streicher
ST 2024	1710304	Seminar Week: Go South	2 SWS	Block / 🗣	Hartmann, Kadid, Coricelli, Vansteenkiste
ST 2024	1710360	Seminarweek: "At Home with Binti, Henry, and Benny, Ettlinger Str. 6"	2 SWS	Block / 🗣	Craig, Pawelzyk
ST 2024	1710412	Seminar week: Annotated Italy! Living Archives!	1 SWS	Excursion (E / 🗣	Meister, Knoop, Wilkinson
ST 2024	1710455	Seminar week: Concrete Communication: Frankfurt/Main	1 SWS	Block / 🗣	Rambow, Alkadi
ST 2024	1720509	Seminar Week: Field Trip to Zurich (Wappner)	1 SWS	Block / 🗣	Wappner, Hörmann, Kochhan
ST 2024	1720558	Seminar Week: Space Perception and Visual Impairment	1 SWS	Block / 🗣	Karmann, Song, Dong, Yildiz, Sepúlveda
ST 2024	1720608	Seminar week: Zumthor et al. – A journey across the Alpine region	1 SWS	Excursion (E / 🗣	Hebel, Hoss, Boerman, Rausch
ST 2024	1720656	Seminar Week: Enjoy the Silence (Klinge)	1 SWS	Block / 🗣	Klinge, Michalski, Weber
ST 2024	1720713	Seminarweek: BIM-Projects and Measurment	2 SWS	Block / 🗣	von Both, Sartorius
ST 2024	1720751	Seminar Week: Digital Skins	1 SWS	Block / 🗣	La Magna, Dörstelmann, Fuentes Quijano, Feldmann
ST 2024	1720810	Seminarwoche: TerraTimber	1 SWS	Block / 🗣	Dörstelmann, La Magna, Fischer, Zanetti, Witt, Haußer
ST 2024	1720907	Seminar Week: A round matter - Roadtrip along surfaces with curvature	1 SWS	Block / 🗣	Wagner, Ge, Sickinger, Mildenberger
ST 2024	1720983	Seminar Week: Solar Decathlon Revisited		Block / 🗣	Wagner, Rissetto, Mann
ST 2024	1731094	Seminarweek: Urban [Remote] Sensing	1 SWS	Block / 🗣	Neppl, Haug, Zeile
ST 2024	1731199	Seminar Week: Critical Mapping Karlsruhe (Engel)	1 SWS	Block / 🗣	Engel, Böcherer, Lev, Staab, Kannen
ST 2024	1731299	Seminarweek: Stockholm Archipelago	1 SWS	Block / 🗣	Inderbitzin, Multerer, Schork, Zickert, Zlokapa, von Zepelin
ST 2024	1741383	Seminar week: Granada Excursion: Architectural Travel in Theory and Practice	2 SWS	Block / 🗣	Medina Warmburg

ST 2024	1741386	Seminar week: The Potsdam Cultural Landscape - Architectural and Landscape-Historical Development between 1750 and 1930	2 SWS	Block / 🗣	Gawlik
ST 2024	1741389	Seminar week: Learning to Interpret Remains - Introduction to Architectural Research at Freiburg Minster	2 SWS	Block / 🗣	Brehm
ST 2024	1800025	Seminar Week: Graffiti in Karlsruhe	1 SWS	Block / 🗣	Papenbrock

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: sit**
1700030, SS 2024, 1 SWS, Language: German, Open in study portal
Block (B)
On-Site

Content
We learn this basic attitude at the age of about five to nine months. Our buttocks and thighs rest on a defined base when the upper body is upright. Sitting has always had a social meaning and at the same time it affects our body. We try to shed light on the connections together. In addition to looking at the basic attitude, we look at how architects have dealt with this task and search for proportion, meaning and materiality in their results. In simple structural models, we try to approach the different seating options in order to be able to understand what the differences are.

Appointment: 21.-24.05.2024

1st Meeting: , Geb. 20.40, R-149

Costs: about 35 Euro

Number of Participants: 6

V **Seminar Week: Phantom Projects – Digital Study Workshop**
1700033, SS 2024, 1 SWS, Language: German, Open in study portal
Block (B)
On-Site

Content
Exploring unrealized possibilities in model making
The seminar week offers a unique opportunity to explore creative ideas and experimental techniques. The focus is on innovative materials and an effective workflow. Topics include file optimization, material selection and time saving. Participants design a model of approx. 20x20x20 centimeters. Basic materials will be provided, there should be no additional costs.
The aim of the seminar is to create a model that not only reflects the creativity of the participants, but also demonstrates the possibilities of model making. An exhibition of the model will honor and document the work of the participants, giving them the opportunity to share their experiences and insights and pass on their knowledge.

Date: 21-24.05.2024

1st meeting: 21.05.2024 10:00 am

Costs: -

Number of participants: 8

V **Seminar Week: Archival Bastards**
1710109, SS 2024, 2 SWS, Open in study portal
Seminar (S)
On-Site

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 match archival material that was not destined to meet.
You will work with a series of pre-selected sectional drawings of projects from a wide variety of architects, historical periods as well as typologies. Using different strategies of visual association such as Exquisite corps, Palimpsest and Cut-up, you will bring together two of these unrelated drawings thereby creating your own “architectural 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 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?

Appointment: 21.05.2024 – 24.05.2024
First Meeting: 21.05.2024 – 9.30
Submission: 24.05.24

V **Seminar Week: Go South** **Block (B)**
1710304, SS 2024, 2 SWS, Language: German/English, Open in study portal **On-Site**

Content
Our seminar trip will take us to Barcelona, 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
Event Format: On-site
First Meeting and Presentation of the Program: 17.05.2024, online
Schedule: Full Day Activities from 21.05 – 24.05.2024
Form: Collective work
Deliverables: Short films (interviews+building recordings)

Costs: ca. 350 Euro

V **Seminarweek: "At Home with Binti, Henry, and Benny, Ettlinger Str. 6"** **Block (B)**
1710360, SS 2024, 2 SWS, Language: German, Open in study portal **On-Site**

Content
We are conducting a comprehensive visual investigation on the theme of "Architecture for Animals." With consideration for the Human-Animal aspect, our focus is on designing habitats for animals that directly interact with human living spaces. The emphasis is on the documentary and illustrative analysis of existing examples of zoo architecture found in the Karlsruhe Zoo. Throughout the seminar week, we aim to create sketches and drawings that serve as a form of site analysis, capturing all relevant aspects. We will collect visual information about various animal species, their habits, and needs, as well as the daily routines of zoo residents, staff, and visitors. In a daily concluding feedback session, we will exchange our observations, thoughts, research findings, and ideas, along with sharing sketches.

For the implementation, we will require a sketchpad in A4 or A3 formats, along with pencils of varying hardness (HB, B, 2B, 4B to 8B). Additional drawing materials such as a white eraser, kneaded eraser, and optionally a drawing pad or board are recommended. Depending on personal preference, other drawing materials such as ballpoint pens, felt-tip markers, ink and nib holders, charcoal, pastel chalk, colored pencils, and a portable camping chair may also be used.

The discounted admission fee is €5 per person per day.

Organizational issues
21.05.-24.05.24 09:00-18:00 Uhr

V Seminar week: Annotated Italy! Living Archives!

1710412, SS 2024, 1 SWS, Language: German/English, Open in study portal

Excursion (EXK)
On-Site

Content
In a historical overlay, we will re-enact and annotate a KIT excursion to Italy from 2002 during the seminar week. Using original slides, timelines and built examples, we will compare the aging processes, urban and demographic changes and appropriations since 2002 on site. Changes in the medial mediation of architecture (slides vs. Instagram, lecture vs. TikTok) will be illustrated as well as the question of renaissance and postmodernism, antiquity and archives that overlap. A workshop at the Institute of Art History in Florence at Palazzo Grifoni will examine archival processes as a critical practice.

Focus of study: Architectural and Cultural Heritag

Expenses: ca. 300€ travel expenses + 300€ accommodation costs. self-booking.
Block seminar (seminar week): 21.05.24 - 24.05.24
Briefing: 23.04.24 13 - 14 pm, Geb.20.40 Seminarraum Architekturtheorie R. 258

Number of Participants: 20

V Seminar week: Concrete Communication: Frankfurt/Main

1710455, SS 2024, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Frankfurt, which can be reached from Karlsruhe by ICE in just over an hour, is one of the most exciting cities in Germany. It features an extreme concentration of urbanistic themes and contradictions on a relatively small footprint. It has always had a tradition of open debate, but also of pragmatic solutions and a fundamental trust in the possibility of positive development. We want to roam this lovely small metropolis for four days, focusing on those places where architecture is mediated, communicated and argued about: The German Architecture Museum, the City History Museum, the New Old Town, the Schauspielhaus etc.

You will have to organize your own travel to and from Frankfurt. 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. 200 euros

Block date: Tue 21.05.– Fri 24.05.2024, 9:00 am to 5:00 pm
1st meeting: Tue, 21.05.2024, 9:00 am, meeting point will be announced via ILIAS
Number of participants: 20

V Seminar Week: Field Trip to Zurich (Wappner)

1720509, SS 2024, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Situated between the lake and mountain peaks, Zurich has much more to offer than just the well-known postcard motifs of the Swiss capital. The city's social and cultural diversity is essentially based on its rich history of multi-layered urban development with its numerous striking and cityscape-defining cultural and infrastructure buildings from different eras, traditional cooperative residential buildings and contemporary housing experiments, the many artificial landscape gardens and extraordinary cemeteries.

An architectural excursion to Zurich lasting several days offers us the opportunity to get to know the enviable building culture with regard to the distinctive competition system and the high building density with regard to current urban planning, open space planning and architectural developments. We want to move through the established structures of the core city as well as through numerous newly developed areas in the surrounding area and explore the specifically selected neighborhoods and buildings in more detail with expert explanations and guided tours in order to discuss the concepts and structural implementations together.

Period: 21.05.2024, preliminary meeting with distribution of tasks

22.05.2024 - 24.05.2024, excursion, full day

Location: Zurich

Costs: approx. 280 €

Number of participants: 14 places Bachelor, 6 places Master

V Seminar Week: Space Perception and Visual Impairment

1720558, SS 2024, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Understanding the environment around us is very useful and reassuring. It helps us to reach given locations and gives us the confidence to explore new places. To understand spaces, we first use our vision. This is how we perceive shapes, estimate distances and read maps. But what do people with visually impairment rely on to understand spaces?

During this week, we want to raise students' awareness of the visual impairment, get them to test and identify the visual and non-visual elements that are useful for understanding space, and confront them with the creation of media (e.g. tactile maps) to enable visually impaired people to understand building plans.

The week will include a trip to Frankfurt for the exhibition "Dialogues in the Dark", a trip to Marburg, a historical city later adapted to blind users, and exchanges with multiple guests to discuss space perception and research on accessible mapping.

In line with the language of the lecturers, the course will be held mainly in English. Yet, some guest speakers may also speak German.

Appointment: 21.05.2024 – 24.05.2024

V **Seminar week: Zumthor et al. – A journey across the Alpine region** **Excursion (EXK)**
1720608, SS 2024, 1 SWS, Language: German/English, Open in study portal **On-Site**

Content
During Whitsun week, we want to travel to the Alpine foreland to experience Peter Zumthor's buildings and his work with space, light and material. The region, rich in diverse architecture, has numerous other projects to offer. Our aim during the four days of our trip is to develop an understanding of regional materials, the places associated with them and processing technologies. We will get to know multifaceted industrial and residential architecture, but also visit museums and, last but not least, religious buildings. In addition, we will take the opportunity to meet the people behind the architecture by visiting architectural offices and a carpentry workshop in the region.The cost for travel, accommodation with breakfast and programme is estimated at around €375 per person.

First Meeting: 17.04.24, 11.30 am, building 11.40, Raum 26

Excursion: 21.05.2024 – 24.05.2024

Number of Participants: 26 Slots Bachelor / Master

Organizational issues
1. Treffen: 17.04.24, 11.30 Uhr, Geb. 11.40, Raum 26
Exkursion: 21. – 24.05.2024

V **Seminar Week: Enjoy the Silence (Klinge)** **Block (B)**
1720656, SS 2024, 1 SWS, Language: German/English, Open in study portal **On-Site**

Content
During the seminar week, we will focus on the experimental construction of a straw noise barrier for the MitMachGarten Ostring e.V. in Karlsruhe. This event offers the opportunity to gain practical experience in the field of sustainable building with straw and reused building components and to explore innovative solutions to noise protection problems.

Noise pollution is one of the biggest challenges, especially in an urban context, which can affect the quality of life of local residents. MitMachGarten is therefore looking for an environmentally friendly solution to reduce noise pollution for its members on the garden plot on Ostring.

The aim of this event is to give participants an understanding of sustainable building techniques and to develop practical skills in building a straw sound barrier. We place particular emphasis on minimizing the impact on the soil ecosystem by making the foundations deconstructable and recyclable.

With our pilot noise barrier, we want to create a creative and environmentally friendly basis for the construction of the entire noise barrier by combining theoretical knowledge and practical implementation.

Period: 21.05.2023 - 24.05.2024 all day

Location: Karlsruhe

Number of participants: 20 places Bachelor / Master

V **Seminarweek: BIM-Projects and Measurment** **Block (B)**
1720713, SS 2024, 2 SWS, Language: German/English, Open in study portal **On-Site**

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 27. No prior knowledge of ArchiCAD is required. Participants must have a laptop with the ARCHICAD 27 Student version installed.

The seminar includes lectures and hands-on exercises.

Seminar week, four-day seminar in the form of a workshop 21.05.- 24.05.2024,, 09:00 am, all day long, in Presence

Submission: Friday 19.04.2024, 9:45 am, Seminar Room BLM

Number of participants: 20 + 1 Erasmus Student

V Seminar Week: Digital Skins

Block (B)
On-Site

1720751, SS 2024, 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: Tue, 21.05.2024; 09:45 am

Bldg. 20.40, R tba

Submission/Exam: Fri, 24.05.2024

Number of Participants: 20

La Magna, Riccardo

Dörstelmann, Moritz,

Andersson Largueche, David
Fuentes Quijano, Javier

Feldmann, Carolin

V Seminarwoche: TerraTimber

Block (B)
On-Site

1720810, SS 2024, 1 SWS, Language: English, Open in study portal

Content
TerraTimber offers an opportunity to gain firsthand insights and experience in digital design and fabrication systems that enable circular, material-appropriate, and -efficient architecture. Utilizing computational tools and augmented reality, our goal is to upcycle wood waste and combine it with earth into a circular construction system. Based on concepts from previous studios, we will build a full-scale research demonstrator for the "Das Fest" festival in July 2024. This structure will showcase our research and serve as a pavilion for public discourse. We will be hands-on, sorting wood waste, applying computational concepts through augmented reality and crafting circular wood components.

21.05.- 24.05.2024

Place: DDF_Lab

Number of Participants: 20

No prior knowledge is required.

V Seminar Week: A round matter - Roadtrip along surfaces with curvature

Block (B)
On-Site

1720907, SS 2024, 1 SWS, Language: German/English, Open in study portal

Content
For four days, we set out to explore load-bearing structures that combine the efficiency and aesthetics of double-curved surfaces. We will experience spaces whose boundaries between wall and ceiling are fluid, have unusual geometries and convey a sense of lightness. With timber, membrane and reinforced concrete structures in Cologne, Luxembourg and Metz, among others, we will get to know and understand a broad spectrum of materials, forms and constructions.

Time: Tue. 21.05.2024, 8.00 a.m. - Fri. 24.05.2024, 6.00 p.m.

Location: Cologne, Luxembourg, Metz

Shared accommodation in youth hostels

Costs for accommodation and meals:

250€ per person for transportation and half board. The students must also pay for additional food and drink.

Travel costs and entrance fees are covered

A different kind of exam

Participants: 16 Bachelor and 5 Master places

V **Seminar Week: Solar Decathlon Revisited** **Block (B) On-Site**
1720983, SS 2024, SWS, Language: German, Open in study portal

Content
Two years ago, the Solar Decathlon Europe took place in Wuppertal - a competition for sustainable, solar buildings, which our faculty won with the RoofKIT. There are still 8 buildings on the Wuppertal SolarCampus that serve as living labs for research. During the seminar week, we want to study these buildings in more detail and discuss them from various perspectives. The task will be to explore the building concepts on the basis of literature and personal inspections and then present them to the other members of the excursion group. Together with students from the University of Wuppertal, additional key topics will be discussed in workshops. Number of participants 16, costs per person approx. 200 €.

Seminar Week: 21.05 until 24.05.24 R.240

First Appointment: 21.05.24 10:00 AM

Exam: 24.05.24

Places: 9 bachelor, 7 master

V **Seminarweek: Urban [Remote] Sensing** **Block (B) On-Site**
1731094, SS 2024, 1 SWS, Language: German, Open in study portal

Content
What factors influence our perception when we move through the city? In which urban spaces do we feel comfortable or uncomfortable? And above all: how can we decipher these stressors?
The innovation of emotion sensing makes it possible to objectively measure human perception of the city. However, the question of the causes remains largely unexplored with this method. Often, they can only be captured with elaborate on-site inspections (e.g. mappings).
During the seminar week, we would therefore like to work with you to create a toolbox with which we can also record urban stressors "remotely" in the future. We will focus on two study areas in the city of Osnabrück.

Seminar Week: 21.-24.05.2024

First meeting: 21.05.2024, 9:45 am, Bldg. 11.40, R015

Exam performance: documentation

Cost: 0,- € (no excursion, seminar week takes place in Karlsruhe)

Number of Participants: 20

V **Seminar Week: Critical Mapping Karlsruhe (Engel)** **Block (B) On-Site**
1731199, SS 2024, 1 SWS, Language: German/English, Open in study portal

Content

How can we understand urban spaces in their complexity and sensuality? During the seminar week, selected urban places in Karlsruhe will be tracked down, their intrinsic logics perceived, researched and noted, and spatial, political, ephemeral, perhaps invisible phenomena highlighted. The choice of scale, style of projection, symbols and pictograms is intended to develop new forms of representation and encourage new ways of thinking about how our environment can be represented, how structures can be distilled from the data set and how relationships and relations can be shown. The aim is to create rhetorical, mental and graphic maps that reflect the subjective understanding of urban spaces in Karlsruhe.

Appointment: Tue - Fri

First Meeting: Tue 21.05.2024, 9:30 am, 11.40 R013

Submission/Exam: Fri 24.05.2024

Number of Participants: 20

V **Seminarweek: Stockholm Archipelago** **Block (B) On-Site**

1731299, SS 2024, 1 SWS, Language: German/English, Open in study portal

Content

During the seminar week we continue our series of sailing trips and spend a week in the Stockholm archipelago. The architectural discoveries will focus on the rich heritage of the city of Stockholm, the «Venice of the North» with its fourteen islands. From there, we will sail out to the lesser-known buildings on the many islands in the archipelago. The aim will be to understand the architecture and its genesis in relation to the territory, which means the geology and the water. In the evenings, we will moor in harbours or drop anchor and sleep, cook and eat together on the boat.

Travel dates: 18.5.-25.5.2024

Introduction meeting: will be published

Costs: approx. 550 Euro (excl. individual arrival)

Number of Participants: presumably 14

V **Seminar week: Granada Excursion: Architectural Travel in Theory and Practice** **Block (B) On-Site**

1741383, SS 2024, 2 SWS, Language: German, Open in study portal

Content

For a long time, travel was one of the fundamental cultural techniques used by both budding professionals and experienced enthusiasts to acquire a personal store of relevant architectural experiences. These educational and pleasure trips included both the Grand Tour of Classicism and the Oriental Journeys of Modernism. The latter will be the subject of an international conference at the University of Granada (Spain). Our excursion will not only include participation in this academic congress at the Alhambra: we will also examine the contemporary practice of architectural travel in situ, reflecting on the traditional means and purposes of this cultural technique.

Travel and accommodation must be organized by yourself. Costs approx. 800 €

(20.05.-24.05.2024)

First Meeting: Preliminary consultation

Thu 02.04.2024 5:15 pm - 18:30 pm

Seminar room history of building and architecture; Bldg. 20.40, R 015

Number of participants: 12

Study focus: Architectural and Cultural Heritage

V **Seminar week: The Potsdam Cultural Landscape - Architectural and Landscape-Historical Development between 1750 and 1930** **Block (B) On-Site**

1741386, SS 2024, 2 SWS, Language: German, Open in study portal

Content
On our excursion we want to take an intensive look at the parks of Sanssouci and Neuer Garten as well as the palaces of Sanssouci, Neues Palais, Charlottenhof, Marmorpalais and Cecilienhof. Frederick II the Great (reign: 1740-86) and Frederick William IV (reign: 1840-61) wanted to create a new park in a geographically small area in Potsdam's Spree landscape. (reign: 1840-61), accompanied by their respective architects Georg Wenzeslaus von Knobelsdorff (1699-1753), Karl Friedrich Schinkel (1781-1841), Ludwig Persius (1803-45) and the garden designer Peter Joseph Lenné (1789-1866), a unity of ideal landscape (French or Italian model) and expressive stately architecture was created.
Together we will take a walk through the gardens and visit the named palaces.

Admission costs around 52 euros per student. Please make your own arrangements for travel and accommodation.

A visit to Karl Förster's perennial garden (1874-1970) in Potsdam Bornim will round off our excursion. Together with Hermann Mattern and Herta Hammerbacher, Förster, a perennial plant breeder known throughout Germany, planned and implemented pioneering modern garden design in Potsdam and Berlin during the 1920s and 1930s.

Seminar week/excursion (4 days, Tue 21.5.24 - Fri 24.5.24)

1.Meeting: Fr 03.05.2024 5 pm, Bldg. 20.40, R 015
Number of Participants: 10

Focus of study: Architectural and Cultural Heritage

V

Seminar week: Learning to Interpret Remains - Introduction to Architectural Research at Freiburg Minster

Block (B)
On-Site

1741389, SS 2024, 2 SWS, Language: German, Open in study portal

Content
Freiburg Minster was built between the 13th and 16th century and further developed in the following centuries with additions and stone replacements. Since the Middle Ages, the stone has been handled by the building lodge (Bauhütte), a stonemasonry business that carries out restoration work as well as stone replacement. In spring 2024, two new areas of the cathedral will be scaffolded. Two buttresses on the south side of the cathedral show signs of damage that need to be addressed. Both components show traces of a chequered history, which will be deciphered during the seminar week. After gaining an insight into the work of the building lodge today, we will head to the scaffolding. The following questions will be explored in small working groups: Which components date from which period and how can this be recognised? What clues can be seen about the construction technique, the production and the backfilling? Which traces indicate the construction process? How many people were involved in the construction?

The program is enriched by half-day excursions to buildings that show visible traces of history and its development, which are read, deciphered and interpreted together.

1st meeting: 21.05.2024, 10:30, Schoferstraße 4, 79098 Freiburg

Please bring along: 1 drawing board (min. DinA4), pencil, coloured pencils, folding rule, sturdy shoes, sturdy clothing

Costs: The journey from Karlsruhe to Freiburg and back must be organised by the participants themselves. Simple overnight accommodation with sleeping mat and sleeping bag in the building lodge (Münsterbauhütte) (please register in advance).

Number of participants: 20

Study focus: Architectural and Cultural Heritage

V

Seminar Week: Graffiti in Karlsruhe

Block (B)
On-Site

1800025, SS 2024, 1 SWS, Language: German, Open in study portal

Content
This course, which takes place during the seminar week, is about the documentation of graffiti in Karlsruhe. Participants are to photograph graffiti in Karlsruhe's urban space, upload it via an app (lingscape) and record and analyze it in a structured way in a database (INGRID). The condition for participation is the possession of a smartphone.

Seminar week: 21.5. to 24.5.2024

Exam: 24.5.2024

Places: 20

T 4.69 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 2024	1700030	Seminar Week: sit	1 SWS	Block / 🗣	Knipper
ST 2024	1700033	Seminar Week: Phantom Projects – Digital Study Workshop	1 SWS	Block / 🗣	Jager
ST 2024	1710109	Seminar Week: Archival Bastards	2 SWS	Seminar / 🗣	Frohn, Streicher
ST 2024	1710304	Seminar Week: Go South	2 SWS	Block / 🗣	Hartmann, Kadid, Coricelli, Vansteenkiste
ST 2024	1710360	Seminarweek: "At Home with Binti, Henry, and Benny, Ettlinger Str. 6"	2 SWS	Block / 🗣	Craig, Pawelzyk
ST 2024	1710412	Seminar week: Annotated Italy! Living Archives!	1 SWS	Excursion (E / 🗣	Meister, Knoop, Wilkinson
ST 2024	1710455	Seminar week: Concrete Communication: Frankfurt/Main	1 SWS	Block / 🗣	Rambow, Alkadi
ST 2024	1720509	Seminar Week: Field Trip to Zurich (Wappner)	1 SWS	Block / 🗣	Wappner, Hörmann, Kochhan
ST 2024	1720558	Seminar Week: Space Perception and Visual Impairment	1 SWS	Block / 🗣	Karmann, Song, Dong, Yildiz, Sepúlveda
ST 2024	1720608	Seminar week: Zumthor et al. – A journey across the Alpine region	1 SWS	Excursion (E / 🗣	Hebel, Hoss, Boerman, Rausch
ST 2024	1720656	Seminar Week: Enjoy the Silence (Klinge)	1 SWS	Block / 🗣	Klinge, Michalski, Weber
ST 2024	1720713	Seminarweek: BIM-Projects and Measurment	2 SWS	Block / 🗣	von Both, Sartorius
ST 2024	1720751	Seminar Week: Digital Skins	1 SWS	Block / 🗣	La Magna, Dörstelmann, Fuentes Quijano, Feldmann
ST 2024	1720810	Seminarwoche: TerraTimber	1 SWS	Block / 🗣	Dörstelmann, La Magna, Fischer, Zanetti, Witt, Haußer
ST 2024	1720907	Seminar Week: A round matter - Roadtrip along surfaces with curvature	1 SWS	Block / 🗣	Wagner, Ge, Sickinger, Mildenberger
ST 2024	1720983	Seminar Week: Solar Decathlon Revisited		Block / 🗣	Wagner, Rissetto, Mann
ST 2024	1731094	Seminarweek: Urban [Remote] Sensing	1 SWS	Block / 🗣	Neppl, Haug, Zeile
ST 2024	1731199	Seminar Week: Critical Mapping Karlsruhe (Engel)	1 SWS	Block / 🗣	Engel, Böcherer, Lev, Staab, Kannen
ST 2024	1731299	Seminarweek: Stockholm Archipelago	1 SWS	Block / 🗣	Inderbitzin, Multerer, Schork, Zickert, Zlokapa, von Zepelin
ST 2024	1741383	Seminar week: Granada Excursion: Architectural Travel in Theory and Practice	2 SWS	Block / 🗣	Medina Warmburg

ST 2024	1741386	Seminar week: The Potsdam Cultural Landscape - Architectural and Landscape-Historical Development between 1750 and 1930	2 SWS	Block / 🗣	Gawlik
ST 2024	1741389	Seminar week: Learning to Interpret Remains - Introduction to Architectural Research at Freiburg Minster	2 SWS	Block / 🗣	Brehm
ST 2024	1800025	Seminar Week: Graffiti in Karlsruhe	1 SWS	Block / 🗣	Papenbrock

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: sit**
1700030, SS 2024, 1 SWS, Language: German, Open in study portal
Block (B)
On-Site

Content
We learn this basic attitude at the age of about five to nine months. Our buttocks and thighs rest on a defined base when the upper body is upright. Sitting has always had a social meaning and at the same time it affects our body. We try to shed light on the connections together. In addition to looking at the basic attitude, we look at how architects have dealt with this task and search for proportion, meaning and materiality in their results. In simple structural models, we try to approach the different seating options in order to be able to understand what the differences are.

Appointment: 21.-24.05.2024

1st Meeting: , Geb. 20.40, R-149

Costs: about 35 Euro

Number of Participants: 6

V **Seminar Week: Phantom Projects – Digital Study Workshop**
1700033, SS 2024, 1 SWS, Language: German, Open in study portal
Block (B)
On-Site

Content
Exploring unrealized possibilities in model making
The seminar week offers a unique opportunity to explore creative ideas and experimental techniques. The focus is on innovative materials and an effective workflow. Topics include file optimization, material selection and time saving. Participants design a model of approx. 20x20x20 centimeters. Basic materials will be provided, there should be no additional costs.
The aim of the seminar is to create a model that not only reflects the creativity of the participants, but also demonstrates the possibilities of model making. An exhibition of the model will honor and document the work of the participants, giving them the opportunity to share their experiences and insights and pass on their knowledge.

Date: 21-24.05.2024

1st meeting: 21.05.2024 10:00 am

Costs: -

Number of participants: 8

V **Seminar Week: Archival Bastards**
1710109, SS 2024, 2 SWS, Open in study portal
Seminar (S)
On-Site

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 match archival material that was not destined to meet.
You will work with a series of pre-selected sectional drawings of projects from a wide variety of architects, historical periods as well as typologies. Using different strategies of visual association such as Exquisite corps, Palimpsest and Cut-up, you will bring together two of these unrelated drawings thereby creating your own “architectural 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 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?

Appointment: 21.05.2024 – 24.05.2024
First Meeting: 21.05.2024 – 9.30
Submission: 24.05.24

V **Seminar Week: Go South** **Block (B)**
1710304, SS 2024, 2 SWS, Language: German/English, Open in study portal **On-Site**

Content
Our seminar trip will take us to Barcelona, 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
Event Format: On-site
First Meeting and Presentation of the Program: 17.05.2024, online
Schedule: Full Day Activities from 21.05 – 24.05.2024
Form: Collective work
Deliverables: Short films (interviews+building recordings)

Costs: ca. 350 Euro

V **Seminarweek: "At Home with Binti, Henry, and Benny, Ettlinger Str. 6"** **Block (B)**
1710360, SS 2024, 2 SWS, Language: German, Open in study portal **On-Site**

Content
We are conducting a comprehensive visual investigation on the theme of "Architecture for Animals." With consideration for the Human-Animal aspect, our focus is on designing habitats for animals that directly interact with human living spaces. The emphasis is on the documentary and illustrative analysis of existing examples of zoo architecture found in the Karlsruhe Zoo. Throughout the seminar week, we aim to create sketches and drawings that serve as a form of site analysis, capturing all relevant aspects. We will collect visual information about various animal species, their habits, and needs, as well as the daily routines of zoo residents, staff, and visitors. In a daily concluding feedback session, we will exchange our observations, thoughts, research findings, and ideas, along with sharing sketches.

For the implementation, we will require a sketchpad in A4 or A3 formats, along with pencils of varying hardness (HB, B, 2B, 4B to 8B). Additional drawing materials such as a white eraser, kneaded eraser, and optionally a drawing pad or board are recommended. Depending on personal preference, other drawing materials such as ballpoint pens, felt-tip markers, ink and nib holders, charcoal, pastel chalk, colored pencils, and a portable camping chair may also be used.

The discounted admission fee is €5 per person per day.

Organizational issues
21.05.-24.05.24 09:00-18:00 Uhr

V Seminar week: Annotated Italy! Living Archives!

1710412, SS 2024, 1 SWS, Language: German/English, Open in study portal

Excursion (EXK)
On-Site

Content
In a historical overlay, we will re-enact and annotate a KIT excursion to Italy from 2002 during the seminar week. Using original slides, timelines and built examples, we will compare the aging processes, urban and demographic changes and appropriations since 2002 on site. Changes in the medial mediation of architecture (slides vs. Instagram, lecture vs. TikTok) will be illustrated as well as the question of renaissance and postmodernism, antiquity and archives that overlap. A workshop at the Institute of Art History in Florence at Palazzo Grifoni will examine archival processes as a critical practice.

Focus of study: Architectural and Cultural Heritag

Expenses: ca. 300€ travel expenses + 300€ accommodation costs. self-booking.
Block seminar (seminar week): 21.05.24 - 24.05.24
Briefing: 23.04.24 13 - 14 pm, Geb.20.40 Seminarraum Architekturtheorie R. 258

Number of Participants: 20

V Seminar week: Concrete Communication: Frankfurt/Main

1710455, SS 2024, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Frankfurt, which can be reached from Karlsruhe by ICE in just over an hour, is one of the most exciting cities in Germany. It features an extreme concentration of urbanistic themes and contradictions on a relatively small footprint. It has always had a tradition of open debate, but also of pragmatic solutions and a fundamental trust in the possibility of positive development. We want to roam this lovely small metropolis for four days, focusing on those places where architecture is mediated, communicated and argued about: The German Architecture Museum, the City History Museum, the New Old Town, the Schauspielhaus etc.

You will have to organize your own travel to and from Frankfurt. 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. 200 euros

Block date: Tue 21.05.– Fri 24.05.2024, 9:00 am to 5:00 pm
1st meeting: Tue, 21.05.2024, 9:00 am, meeting point will be announced via ILIAS
Number of participants: 20

V Seminar Week: Field Trip to Zurich (Wappner)

1720509, SS 2024, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Situated between the lake and mountain peaks, Zurich has much more to offer than just the well-known postcard motifs of the Swiss capital. The city's social and cultural diversity is essentially based on its rich history of multi-layered urban development with its numerous striking and cityscape-defining cultural and infrastructure buildings from different eras, traditional cooperative residential buildings and contemporary housing experiments, the many artificial landscape gardens and extraordinary cemeteries.

An architectural excursion to Zurich lasting several days offers us the opportunity to get to know the enviable building culture with regard to the distinctive competition system and the high building density with regard to current urban planning, open space planning and architectural developments. We want to move through the established structures of the core city as well as through numerous newly developed areas in the surrounding area and explore the specifically selected neighborhoods and buildings in more detail with expert explanations and guided tours in order to discuss the concepts and structural implementations together.

Period: 21.05.2024, preliminary meeting with distribution of tasks

22.05.2024 - 24.05.2024, excursion, full day

Location: Zurich

Costs: approx. 280 €

Number of participants: 14 places Bachelor, 6 places Master

V Seminar Week: Space Perception and Visual Impairment

1720558, SS 2024, 1 SWS, Language: German/English, Open in study portal

Block (B)
On-Site

Content
Understanding the environment around us is very useful and reassuring. It helps us to reach given locations and gives us the confidence to explore new places. To understand spaces, we first use our vision. This is how we perceive shapes, estimate distances and read maps. But what do people with visually impairment rely on to understand spaces?

During this week, we want to raise students' awareness of the visual impairment, get them to test and identify the visual and non-visual elements that are useful for understanding space, and confront them with the creation of media (e.g. tactile maps) to enable visually impaired people to understand building plans.

The week will include a trip to Frankfurt for the exhibition "Dialogues in the Dark", a trip to Marburg, a historical city later adapted to blind users, and exchanges with multiple guests to discuss space perception and research on accessible mapping.

In line with the language of the lecturers, the course will be held mainly in English. Yet, some guest speakers may also speak German.

Appointment: 21.05.2024 – 24.05.2024

V **Seminar week: Zumthor et al. – A journey across the Alpine region** **Excursion (EXK)**
1720608, SS 2024, 1 SWS, Language: German/English, Open in study portal **On-Site**

Content
During Whitsun week, we want to travel to the Alpine foreland to experience Peter Zumthor's buildings and his work with space, light and material. The region, rich in diverse architecture, has numerous other projects to offer. Our aim during the four days of our trip is to develop an understanding of regional materials, the places associated with them and processing technologies. We will get to know multifaceted industrial and residential architecture, but also visit museums and, last but not least, religious buildings. In addition, we will take the opportunity to meet the people behind the architecture by visiting architectural offices and a carpentry workshop in the region.The cost for travel, accommodation with breakfast and programme is estimated at around €375 per person.

First Meeting: 17.04.24, 11.30 am, building 11.40, Raum 26

Excursion: 21.05.2024 – 24.05.2024

Number of Participants: 26 Slots Bachelor / Master

Organizational issues
1. Treffen: 17.04.24, 11.30 Uhr, Geb. 11.40, Raum 26
Exkursion: 21. – 24.05.2024

V **Seminar Week: Enjoy the Silence (Klinge)** **Block (B)**
1720656, SS 2024, 1 SWS, Language: German/English, Open in study portal **On-Site**

Content
During the seminar week, we will focus on the experimental construction of a straw noise barrier for the MitMachGarten Ostring e.V. in Karlsruhe. This event offers the opportunity to gain practical experience in the field of sustainable building with straw and reused building components and to explore innovative solutions to noise protection problems.

Noise pollution is one of the biggest challenges, especially in an urban context, which can affect the quality of life of local residents. MitMachGarten is therefore looking for an environmentally friendly solution to reduce noise pollution for its members on the garden plot on Ostring.

The aim of this event is to give participants an understanding of sustainable building techniques and to develop practical skills in building a straw sound barrier. We place particular emphasis on minimizing the impact on the soil ecosystem by making the foundations deconstructable and recyclable.

With our pilot noise barrier, we want to create a creative and environmentally friendly basis for the construction of the entire noise barrier by combining theoretical knowledge and practical implementation.

Period: 21.05.2023 - 24.05.2024 all day

Location: Karlsruhe

Number of participants: 20 places Bachelor / Master

V **Seminarweek: BIM-Projects and Measurment** **Block (B)**
1720713, SS 2024, 2 SWS, Language: German/English, Open in study portal **On-Site**

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 27. No prior knowledge of ArchiCAD is required. Participants must have a laptop with the ARCHICAD 27 Student version installed.

The seminar includes lectures and hands-on exercises.

Seminar week, four-day seminar in the form of a workshop 21.05.- 24.05.2024,, 09:00 am, all day long, in Presence

Submission: Friday 19.04.2024, 9:45 am, Seminar Room BLM

Number of participants: 20 + 1 Erasmus Student

V Seminar Week: Digital Skins

Block (B)
On-Site

1720751, SS 2024, 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: Tue, 21.05.2024; 09:45 am

Bldg. 20.40, R tba

Submission/Exam: Fri, 24.05.2024

Number of Participants: 20

La Magna, Riccardo

Dörstelmann, Moritz,

Andersson Largueche, David
Fuentes Quijano, Javier

Feldmann, Carolin

V Seminarwoche: TerraTimber

Block (B)
On-Site

1720810, SS 2024, 1 SWS, Language: English, Open in study portal

Content
TerraTimber offers an opportunity to gain firsthand insights and experience in digital design and fabrication systems that enable circular, material-appropriate, and -efficient architecture. Utilizing computational tools and augmented reality, our goal is to upcycle wood waste and combine it with earth into a circular construction system. Based on concepts from previous studios, we will build a full-scale research demonstrator for the "Das Fest" festival in July 2024. This structure will showcase our research and serve as a pavilion for public discourse. We will be hands-on, sorting wood waste, applying computational concepts through augmented reality and crafting circular wood components.

21.05.- 24.05.2024

Place: DDF_Lab

Number of Participants: 20

No prior knowledge is required.

V Seminar Week: A round matter - Roadtrip along surfaces with curvature

Block (B)
On-Site

1720907, SS 2024, 1 SWS, Language: German/English, Open in study portal

Content
For four days, we set out to explore load-bearing structures that combine the efficiency and aesthetics of double-curved surfaces. We will experience spaces whose boundaries between wall and ceiling are fluid, have unusual geometries and convey a sense of lightness. With timber, membrane and reinforced concrete structures in Cologne, Luxembourg and Metz, among others, we will get to know and understand a broad spectrum of materials, forms and constructions.

Time: Tue. 21.05.2024, 8.00 a.m. - Fri. 24.05.2024, 6.00 p.m.

Location: Cologne, Luxembourg, Metz

Shared accommodation in youth hostels

Costs for accommodation and meals:

250€ per person for transportation and half board. The students must also pay for additional food and drink.

Travel costs and entrance fees are covered

A different kind of exam

Participants: 16 Bachelor and 5 Master places

V **Seminar Week: Solar Decathlon Revisited** **Block (B) On-Site**
1720983, SS 2024, SWS, Language: German, Open in study portal

Content
Two years ago, the Solar Decathlon Europe took place in Wuppertal - a competition for sustainable, solar buildings, which our faculty won with the RoofKIT. There are still 8 buildings on the Wuppertal SolarCampus that serve as living labs for research. During the seminar week, we want to study these buildings in more detail and discuss them from various perspectives. The task will be to explore the building concepts on the basis of literature and personal inspections and then present them to the other members of the excursion group. Together with students from the University of Wuppertal, additional key topics will be discussed in workshops. Number of participants 16, costs per person approx. 200 €.

Seminar Week: 21.05 until 24.05.24 R.240

First Appointment: 21.05.24 10:00 AM

Exam: 24.05.24

Places: 9 bachelor, 7 master

V **Seminarweek: Urban [Remote] Sensing** **Block (B) On-Site**
1731094, SS 2024, 1 SWS, Language: German, Open in study portal

Content
What factors influence our perception when we move through the city? In which urban spaces do we feel comfortable or uncomfortable? And above all: how can we decipher these stressors?
The innovation of emotion sensing makes it possible to objectively measure human perception of the city. However, the question of the causes remains largely unexplored with this method. Often, they can only be captured with elaborate on-site inspections (e.g. mappings).
During the seminar week, we would therefore like to work with you to create a toolbox with which we can also record urban stressors "remotely" in the future. We will focus on two study areas in the city of Osnabrück.

Seminar Week: 21.-24.05.2024

First meeting: 21.05.2024, 9:45 am, Bldg. 11.40, R015

Exam performance: documentation

Cost: 0,- € (no excursion, seminar week takes place in Karlsruhe)

Number of Participants: 20

V **Seminar Week: Critical Mapping Karlsruhe (Engel)** **Block (B) On-Site**
1731199, SS 2024, 1 SWS, Language: German/English, Open in study portal

Content

How can we understand urban spaces in their complexity and sensuality? During the seminar week, selected urban places in Karlsruhe will be tracked down, their intrinsic logics perceived, researched and noted, and spatial, political, ephemeral, perhaps invisible phenomena highlighted. The choice of scale, style of projection, symbols and pictograms is intended to develop new forms of representation and encourage new ways of thinking about how our environment can be represented, how structures can be distilled from the data set and how relationships and relations can be shown. The aim is to create rhetorical, mental and graphic maps that reflect the subjective understanding of urban spaces in Karlsruhe.

Appointment: Tue - Fri

First Meeting: Tue 21.05.2024, 9:30 am, 11.40 R013

Submission/Exam: Fri 24.05.2024

Number of Participants: 20

V **Seminarweek: Stockholm Archipelago** **Block (B) On-Site**

1731299, SS 2024, 1 SWS, Language: German/English, Open in study portal

Content

During the seminar week we continue our series of sailing trips and spend a week in the Stockholm archipelago. The architectural discoveries will focus on the rich heritage of the city of Stockholm, the «Venice of the North» with its fourteen islands. From there, we will sail out to the lesser-known buildings on the many islands in the archipelago. The aim will be to understand the architecture and its genesis in relation to the territory, which means the geology and the water. In the evenings, we will moor in harbours or drop anchor and sleep, cook and eat together on the boat.

Travel dates: 18.5.-25.5.2024

Introduction meeting: will be published

Costs: approx. 550 Euro (excl. individual arrival)

Number of Participants: presumably 14

V **Seminar week: Granada Excursion: Architectural Travel in Theory and Practice** **Block (B) On-Site**

1741383, SS 2024, 2 SWS, Language: German, Open in study portal

Content

For a long time, travel was one of the fundamental cultural techniques used by both budding professionals and experienced enthusiasts to acquire a personal store of relevant architectural experiences. These educational and pleasure trips included both the Grand Tour of Classicism and the Oriental Journeys of Modernism. The latter will be the subject of an international conference at the University of Granada (Spain). Our excursion will not only include participation in this academic congress at the Alhambra: we will also examine the contemporary practice of architectural travel in situ, reflecting on the traditional means and purposes of this cultural technique.

Travel and accommodation must be organized by yourself. Costs approx. 800 €

(20.05.-24.05.2024)

First Meeting: Preliminary consultation

Thu 02.04.2024 5:15 pm - 18:30 pm

Seminar room history of building and architecture; Bldg. 20.40, R 015

Number of participants: 12

Study focus: Architectural and Cultural Heritage

V **Seminar week: The Potsdam Cultural Landscape - Architectural and Landscape-Historical Development between 1750 and 1930** **Block (B) On-Site**

1741386, SS 2024, 2 SWS, Language: German, Open in study portal

Content
On our excursion we want to take an intensive look at the parks of Sanssouci and Neuer Garten as well as the palaces of Sanssouci, Neues Palais, Charlottenhof, Marmorpalais and Cecilienhof. Frederick II the Great (reign: 1740-86) and Frederick William IV (reign: 1840-61) wanted to create a new park in a geographically small area in Potsdam's Spree landscape. (reign: 1840-61), accompanied by their respective architects Georg Wenzeslaus von Knobelsdorff (1699-1753), Karl Friedrich Schinkel (1781-1841), Ludwig Persius (1803-45) and the garden designer Peter Joseph Lenné (1789-1866), a unity of ideal landscape (French or Italian model) and expressive stately architecture was created.
Together we will take a walk through the gardens and visit the named palaces.

Admission costs around 52 euros per student. Please make your own arrangements for travel and accommodation.

A visit to Karl Förster's perennial garden (1874-1970) in Potsdam Bornim will round off our excursion. Together with Hermann Mattern and Herta Hammerbacher, Förster, a perennial plant breeder known throughout Germany, planned and implemented pioneering modern garden design in Potsdam and Berlin during the 1920s and 1930s.

Seminar week/excursion (4 days, Tue 21.5.24 - Fri 24.5.24)

1.Meeting: Fr 03.05.2024 5 pm, Bldg. 20.40, R 015
Number of Participants: 10

Focus of study: Architectural and Cultural Heritage

V

Seminar week: Learning to Interpret Remains - Introduction to Architectural Research at Freiburg Minster

Block (B)
On-Site

1741389, SS 2024, 2 SWS, Language: German, Open in study portal

Content
Freiburg Minster was built between the 13th and 16th century and further developed in the following centuries with additions and stone replacements. Since the Middle Ages, the stone has been handled by the building lodge (Bauhütte), a stonemasonry business that carries out restoration work as well as stone replacement. In spring 2024, two new areas of the cathedral will be scaffolded. Two buttresses on the south side of the cathedral show signs of damage that need to be addressed. Both components show traces of a chequered history, which will be deciphered during the seminar week. After gaining an insight into the work of the building lodge today, we will head to the scaffolding. The following questions will be explored in small working groups: Which components date from which period and how can this be recognised? What clues can be seen about the construction technique, the production and the backfilling? Which traces indicate the construction process? How many people were involved in the construction?

The program is enriched by half-day excursions to buildings that show visible traces of history and its development, which are read, deciphered and interpreted together.

1st meeting: 21.05.2024, 10:30, Schoferstraße 4, 79098 Freiburg

Please bring along: 1 drawing board (min. DinA4), pencil, coloured pencils, folding rule, sturdy shoes, sturdy clothing

Costs: The journey from Karlsruhe to Freiburg and back must be organised by the participants themselves. Simple overnight accommodation with sleeping mat and sleeping bag in the building lodge (Münsterbauhütte) (please register in advance).

Number of participants: 20

Study focus: Architectural and Cultural Heritage

V

Seminar Week: Graffiti in Karlsruhe

Block (B)
On-Site

1800025, SS 2024, 1 SWS, Language: German, Open in study portal

Content
This course, which takes place during the seminar week, is about the documentation of graffiti in Karlsruhe. Participants are to photograph graffiti in Karlsruhe's urban space, upload it via an app (lingscape) and record and analyze it in a structured way in a database (INGRID). The condition for participation is the possession of a smartphone.

Seminar week: 21.5. to 24.5.2024

Exam: 24.5.2024

Places: 20

T 4.70 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 2024	1720902	Static and Strength of Materials (lecture)	2 SWS	Lecture / 🗣	Wagner, Sickinger
ST 2024	1720903	Static and Strength of Materials (Practical)	2 SWS	Practice / 🗣	Wagner, Sickinger
ST 2024	1720904	Static and Strength of Materials (analytical)	2 SWS	Practice / 🗣	Wagner, Sickinger

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

Competence Certificate
Written exam taking 300 minutes.

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

Modeled Conditions
The following conditions have to be fulfilled:

1. The course T-ARCH-109234 - Static and Strength of Materials - Practical Course must have been passed.

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

V Static and Strength of Materials (lecture)

1720902, SS 2024, 2 SWS, Language: German, Open in study portal

Lecture (V)
On-Site

Content
The basic and general principles of the behaviour of building materials and the load carrying behaviour are taught to which buildings are exposed and which they have to withstand. Basic knowledge of mathematics and physics is applied to the recording and description of load transfer in building structures. The basic concepts of structural analysis are dealt with, which in their essence represent an assignment of physics to geometry and have a direct relationship to the built environment via physics. An overview of the spatial structure of simple load-bearing structures is given and knowledge of the functional relationships of elementary structural analysis is imparted for practical application in the design of load-bearing structures.

Regular app.: Tue, 9:45 a.m. -11:15 a.m., 20.40, Fritz-Haller-Hörsaal

1st Date April 16th 2024 9:45 a.m.
Exam: August 7nd 2024

V Static and Strength of Materials (Practical)

1720903, SS 2024, 2 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
Statics and strenght of materials is based on the principles of the classical science of observing, recognizing interrelationships and describing them with word, sketches and mathematical functions in order to obtain knowledge about the stability of buildings. The approaches to the contents are experimentation, the qualitative comprehension of quantities and their correlations and the functional laws that can be derived from them. In the lecture and the physical exercise, the functional correlations are presented and applied. In the practical exercises, the observation and perception of qualitatively describable dependencies in load transfer are trained by means of experiments and the analysis of built examples.

Regular app.: Tue, 8:00 a.m. - 09:30 p.m., 20.40, Fritz-Haller-Hörsaal

First meeting: Tue, April 23th 2024 8.00 a.p.

Exam. another type

V

Static and Strength of Materials (analytical)

1720904, SS 2024, 2 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
Based on the laws of building material behaviour and the description of load transfer, which are presented in the experiments and in general terms in the lecture, the transfer to concrete applications takes place in the theoretical exercises. The content of the exercises is to assign the lecture-related topics to specific situations using examples. The design of a supporting structure, the external and internal equilibrium, the stability and the spatial structure, which are universally applicable in the principles of load-bearing behaviour, are used to explain the thickness of a ceiling with the size of the live loads, to derive the height of a beam from the cross-sectional geometry or to illustrate the dependence of the spatial stability on the joining technique.

Regular app.: Tue, 11:30 a.m. - 1:00 p.m., 20.40, Fritz-Haller-Hörsaal/Lecture room H9

First date April 16.04th 2024, 11.30 a.m.

Exam: Aug., 7th 2024

T 4.71 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 2024	1720903	Static and Strength of Materials (Practical)	2 SWS	Practice / 🗣	Wagner, Sickinger
ST 2024	1720904	Static and Strength of Materials (analytical)	2 SWS	Practice / 🗣	Wagner, Sickinger

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

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

Prerequisites
none

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

V Static and Strength of Materials (Practical)

1720903, SS 2024, 2 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
Statics and strenght of materials is based on the principles of the classical science of observing, recognizing interrelationships and describing them with word, sketches and mathematical functions in order to obtain knowledge about the stability of buildings. The approaches to the contents are experimentation, the qualitative comprehension of quantities and their correlations and the functional laws that can be derived from them. In the lecture and the physical exercise, the functional correlations are presented and applied. In the practical exercises, the observation and perception of qualitatively describable dependencies in load transfer are trained by means of experiments and the analysis of built examples.

Regular app.: Tue, 8:00 a.m. - 09:30 p.m., 20.40, Fritz-Haller-Hörsaal

First meeting: Tue, April 23th 2024 8.00 a.p.

Exam. another type

V Static and Strength of Materials (analytical)

1720904, SS 2024, 2 SWS, Language: German, Open in study portal

Practice (Ü)
On-Site

Content
Based on the laws of building material behaviour and the description of load transfer, which are presented in the experiments and in general terms in the lecture, the transfer to concrete applications takes place in the theoretical exercises. The content of the exercises is to assign the lecture-related topics to specific situations using examples. The design of a supporting structure, the external and internal equilibrium, the stability and the spatial structure, which are universally applicable in the principles of load-bearing behaviour, are used to explain the thickness of a ceiling with the size of the live loads, to derive the height of a beam from the cross-sectional geometry or to illustrate the dependence of the spatial stability on the joining technique.

Regular app.: Tue, 11:30 a.m. - 1:00 p.m., 20.40, Fritz-Haller-Hörsaal/Lecture room H9

First date April 16.04th 2024, 11.30 a.m.

Exam: Aug., 7th 2024

T 4.72 Course: Structural Analysis [T-ARCH-107330]

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

Part of: M-ARCH-103590 - Structural Analysis

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

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

Prerequisites
none

T 4.73 Course: Structural Design [T-ARCH-107295]

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

Part of: M-ARCH-103558 - Structural Design

Type	Credits	Grading scale	Recurrence	Version
Written examination	4	Grade to a third	Each winter term	2

Events					
WT 23/24	1720751	Structural Design (Lecture)	2 SWS	Lecture / 🗣	La Magna
WT 23/24	1720752	Structural Design (Exercise)	2 SWS	Practice / 🗣	La Magna, Kalkbrenner, Haußer, Andersson Largueche, Özcan

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

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

Prerequisites
Requirement for the exam application is having passed the completed coursework "Supporting Structure Design Composition of the Studio Design".

Modeled Conditions
The following conditions have to be fulfilled:

1. The course T-ARCH-109235 - Structural Design - Practical Course must have been passed.

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

V Structural Design (Lecture)

1720751, WS 23/24, 2 SWS, Language: German/English, Open in study portal

Lecture (V)
On-Site

Content
The module Structural Engineering teaches the fundamental functions and modes of action of the essential different structures (physical and technical fundamentals) as well as the importance of structural design in the architectural design process in terms of form, function, sustainability and design.

Appointment: Thu, 9:45 a.m. - 11:15 a.m.
First meeting: Thu, 26.10.23, 9:45 a.m.
Submission/Exam: Thu, 27.02.2024

Literature

V Structural Design (Exercise)

1720752, WS 23/24, 2 SWS, Language: German/English, Open in study portal

Practice (Ü)
On-Site

Content
In the module Structural Engineering, there will be 3 additional studio supervisions (approx. 4 hours each), 2 pin-ups (approx. 8 hours each) and 1 final presentation (approx. 8 hours). In order to qualify for the exam, it is necessary to successfully complete the weekly homework.

Appointment: Thu, 11:30 a.m. - 01:00 p.m.
First meeting: Thu, 26.10.2023, 11:30 a.m.
Submission/Exam: Thu, 27.02.2024

T 4.74 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 4.75 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 2024	1741356	Building Survey and Survey	2 SWS	/	Medina Warmburg, Juretzko, Busse

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

Competence Certificate
The completed coursework Surveying consists of prepared calculation exercises and the handing-in of the worked out survey in the form of plans and tables.

Prerequisites
none

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

V Building Survey and Survey

1741356, SS 2024, 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 in groups of two, which in turn are placed in groups of four, in which they organize themselves.

Several groups of two are assigned to a tutor, with whom they can arrange supervision appointments on designated days. At least once each assignment must be submitted to the tutor for correction.

Submission /Exam: 26.07.2024

T 4.76 Course: Sustainability [T-ARCH-107289]

Responsible: Prof.Dipl.-Ing. Dirk Hebel
Organisation: KIT Department of Architecture
Part of: M-ARCH-103552 - Sustainability

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

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

Prerequisites
none

T 4.77 Course: Theory of Architecture 1 [T-ARCH-107298]

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

Part of: M-ARCH-103561 - Theory of Architecture 1

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each winter term	3

Events					
WT 23/24	1710401	Who's afraid of architecture theory?	4 SWS	Lecture / 🗣	Meister, Knoop

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

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

Prerequisites
Requirement for the exam application is having passed the completed coursework "Architecture Theory 1 - Tutorial".

Modeled Conditions
The following conditions have to be fulfilled:

1. The course T-ARCH-109236 - Theory of Architecture 1 - Practical Course must have been passed.

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

V Who's afraid of architecture theory?

1710401, WS 23/24, 4 SWS, Language: German/English, Open in study portal

Lecture (V)
On-Site

Content
Architecture is a societal practice: the creation of spaces for others. So why theory? The built environment is a discourse, with statements already standing, critiques being formulated - and like any discourse, it is in constant flux. Hence, whatever architects contribute is always already part of a longer negotiation, and that is why it is important to know what position to take, who one quotes (consciously or unconsciously), what one wants to question, what to stand up for. This includes critical engagement with technophilic rhetorics of efficiency, rationalization, precision, or function, as well as expanding circles of actors or considering the consequences of architectural action. The pressing questions of our discipline about intersectional sustainability beyond the technicist belief in progress or diversification as a real change of perspective are foregrounded. The questions that preoccupy us are therefore: who produces which architectures with what (social, political or aesthetic) intention? At whose expense are they produced? Who and what is included or excluded? What images of society are constructed by them? Different positions will be illuminated in order to ask better and better questions.

Appointment: Thu, 9:45-11:30am - Exercise: 11:30am -1:00pm

T 4.78 Course: Theory of Architecture 1 - Practical Course [T-ARCH-109236]

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

Part of: M-ARCH-103561 - Theory of Architecture 1

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

Events					
WT 23/24	1710401	Who's afraid of architecture theory?	4 SWS	Lecture / 🗣	Meister, Knoop

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

Competence Certificate
Completed coursework consisting of the weekly compilation of written position papers on the respective lecture topics of approx. half an A4 page. The minimum number of position papers that have to be handed in will be made public at the start of the university semester (approx. half of the number of lectures).

Prerequisites
none

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

V Who's afraid of architecture theory?

1710401, WS 23/24, 4 SWS, Language: German/English, Open in study portal

Lecture (V)
On-Site

Content
Architecture is a societal practice: the creation of spaces for others. So why theory? The built environment is a discourse, with statements already standing, critiques being formulated - and like any discourse, it is in constant flux. Hence, whatever architects contribute is always already part of a longer negotiation, and that is why it is important to know what position to take, who one quotes (consciously or unconsciously), what one wants to question, what to stand up for. This includes critical engagement with technophilic rhetorics of efficiency, rationalization, precision, or function, as well as expanding circles of actors or considering the consequences of architectural action. The pressing questions of our discipline about intersectional sustainability beyond the technicist belief in progress or diversification as a real change of perspective are foregrounded. The questions that preoccupy us are therefore: who produces which architectures with what (social, political or aesthetic) intention? At whose expense are they produced? Who and what is included or excluded? What images of society are constructed by them? Different positions will be illuminated in order to ask better and better questions.

Appointment: Thu, 9:45-11:30am - Exercise: 11:30am -1:00pm

T 4.79 Course: Theory of Architecture 2 [T-ARCH-107299]

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

Part of: M-ARCH-103562 - Theory of Architecture 2

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each summer term	3

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

Prerequisites
Requirement for the exam application is having passed the completed coursework "Architecture Theory 1 - Tutorial".

Modeled Conditions
The following conditions have to be fulfilled:

1. The course T-ARCH-109237 - Theory of Architecture 2 - Practical Course must have been passed.

T 4.80 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 4.81 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 23/24	1700000	Karlsruhe Architecture Lectures		/ 🗣	Hebel
ST 2024	1700000	Karlsruher Architekturvorträge "Skizzenwerk"		/ 🗣	Hebel

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

Competence Certificate
The progress monitoring of the partial completed coursework "Participation in Lecture Series" consists of the confirmation of having visited at least 15 lectures of the lecture series "Karlsruhe Architecture Lectures", "Lecture Series History of Art" or "Construction History Colloquium" of the KIT Department of Architecture.

Prerequisites
none

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

V Karlsruhe Architecture Lectures

1700000, WS 23/24, SWS, Language: German/English, Open in study portal **On-Site**

Content
Attendance of at least 15 lectures of the event series "Karlsruher Architektur-vorträge", "Vortragsreihe Kunstgeschichte", or "Baugeschichtliches Kolloquium" of the KIT Faculty of Architecture can be recognized with a credit point in the module Key Qualifications.

Date: Wed, from 7 pm, 20.40, Fritz-Haller-Hörsaal

For dates and program see homepage of the KIT Faculty:
https://www.arch.kit.edu/architekturvortraege.php

V Karlsruher Architekturvorträge "Skizzenwerk"

1700000, SS 2024, 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 4.82 Course: Workshop Introduction [T-ARCH-107340]

Responsible: Andreas Heil
Philipp Jager
Anita Knipper

Organisation: KIT Department of Architecture

Part of: M-ARCH-103602 - Key Qualifications

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

Events					
WT 23/24	1700042	Workshop Introduction	1 SWS		Knipper, Gäng, Heil, Seeland, Engel, Jager
ST 2024	1700040	Workshop Introduction	1 SWS	/	Gäng, Heil, Jager, Knipper

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

Competence Certificate
Completed coursework consisting of the "Werkstattführerschein".

Prerequisites
none

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

V Workshop Introduction

1700042, WS 23/24, 1 SWS, Language: German, Open in study portal

Content
In the course of the bachelor's program, introductions must be completed in all study workshops.
In some cases, the introductions are linked to specific courses.
Further information is available in the corresponding courses.

V Workshop Introduction

1700040, SS 2024, 1 SWS, Language: German, Open in study portal **Blended (On-Site/Online)**

Content
In the course of the bachelor's program, introductions must be completed in all study workshops.
In some cases, the introductions are linked to specific courses.
Further information is available in the corresponding courses.
Examination: Participation is confirmed on workshop driver's license

Die Forschungsuniversität in der Helmholtz-Gemeinschaft

Karlsruher Institut für Technologie

Amtliche Bekanntmachung

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Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie (KIT) für den Bachelorstudiengang Architektur **409**

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Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie (KIT) für den Bachelorstudiengang Architektur

vom 26. Juli 2016

Aufgrund von § 10 Absatz 2 Ziff. 5 und § 20 Absatz 2 Satz 1 des Gesetzes über das Karlsruher Institut für Technologie (KIT-Gesetz - KITG) in der Fassung vom 14. Juli 2009 (GBl. S. 317 f), zuletzt geändert durch Artikel 5 des Dritten Gesetzes zur Änderung hochschulrechtlicher Vorschriften (3. Hochschulrechtsänderungsgesetz – 3. HRÄG) vom 01. April 2014 (GBl. S. 99, 167) und § 32 Absatz 3 Satz 1 des Gesetzes über die Hochschulen in Baden-Württemberg (Landeshochschulgesetz - LHG) in der Fassung vom 1. Januar 2005 (GBl. S. 1 f), zuletzt geändert durch Artikel 2 des Gesetzes zur Verwirklichung der Chancengleichheit von Frauen und Männern im öffentlichen Dienst in Baden-Württemberg und zur Änderung des Landeshochschulgesetzes vom 23. Februar 2016 (GBl. S. 108, 118), hat der Senat des KIT am 18. Juli 2016 die folgende Studien- und Prüfungsordnung für den Bachelorstudiengang Architektur beschlossen.

Der Präsident hat seine Zustimmung gemäß § 20 Absatz 2 Satz 1 KITG i.V.m. § 32 Absatz 3 Satz 1 LHG am 26. Juli 2016 erteilt.

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Präambel

Das KIT hat sich im Rahmen der Umsetzung des Bolognaprozesses zum Aufbau eines europäischen Hochschulraumes zum Ziel gesetzt, dass am Abschluss des Studiums am KIT der Mastergrad stehen soll. Das KIT sieht daher die am KIT angebotenen konsekutiven Bachelor- und Masterstudiengänge als Gesamtkonzept mit konsekutivem Curriculum.

I. Allgemeine Bestimmungen

§ 1 Geltungsbereich

Diese Bachelorprüfungsordnung regelt Studienablauf, Prüfungen und den Abschluss des Studiums im Bachelorstudiengang Architektur am KIT.

§ 2 Ziel des Studiums, akademischer Grad

(1) Im Bachelorstudium sollen die wissenschaftlichen Grundlagen und die Methodenkompetenz der Architektur vermittelt werden. Ziel des Studiums ist die Fähigkeit, einen konsekutiven Masterstudiengang erfolgreich absolvieren zu können sowie das erworbene Wissen berufsfeldbezogen anwenden zu können.

(2) Aufgrund der bestandenen Bachelorprüfung wird der akademische Grad „Bachelor of Science (B.Sc.)“ für den Bachelorstudiengang Architektur verliehen.

§ 3 Regelstudienzeit, Studienaufbau, Leistungspunkte

(1) Die Regelstudienzeit beträgt sechs Semester.

(2) Das Lehrangebot des Studiengangs ist in Fächer, die Fächer sind in Module, die jeweiligen Module in Lehrveranstaltungen gegliedert. Die Fächer und ihr Umfang werden in § 20 festgelegt. Näheres beschreibt das Modulhandbuch.

(3) Der für das Absolvieren von Lehrveranstaltungen und Modulen vorgesehene Arbeitsaufwand wird in Leistungspunkten (LP) ausgewiesen. Die Maßstäbe für die Zuordnung von Leistungspunkten entsprechen dem European Credit Transfer System (ECTS). Ein Leistungspunkt entspricht einem Arbeitsaufwand von etwa 30 Zeitstunden. Die Verteilung der Leistungspunkte auf die Semester hat in der Regel gleichmäßig zu erfolgen.

(4) Der Umfang der für den erfolgreichen Abschluss des Studiums erforderlichen Studien- und Prüfungsleistungen wird in Leistungspunkten gemessen und beträgt insgesamt 180 Leistungspunkte.

(5) Lehrveranstaltungen können nach vorheriger Ankündigung auch in englischer Sprache angeboten werden, sofern es deutschsprachige Wahlmöglichkeiten gibt.

§ 4 Modulprüfungen, Studien- und Prüfungsleistungen

(1) Die Bachelorprüfung besteht aus Modulprüfungen. Modulprüfungen bestehen aus einer oder mehreren Erfolgskontrollen.

Erfolgskontrollen gliedern sich in Studien- oder Prüfungsleistungen.

(2) Prüfungsleistungen sind:

1. schriftliche Prüfungen,

2. mündliche Prüfungen oder

3. Prüfungsleistungen anderer Art.

(3) Studienleistungen sind schriftliche, mündliche oder praktische Leistungen, die von den Studierenden in der Regel lehrveranstaltungsbegleitend erbracht werden. Die Bachelorprüfung darf nicht mit einer Studienleistung abgeschlossen werden.

(4) Von den Modulprüfungen sollen mindestens 70 % benotet sein.

(5) Bei sich ergänzenden Inhalten können die Modulprüfungen mehrerer Module durch eine auch modulübergreifende Prüfungsleistung (Absatz 2 Nr.1 bis 3) ersetzt werden.

§ 5 Anmeldung und Zulassung zu den Modulprüfungen und Lehrveranstaltungen

(1) Um an den Modulprüfungen teilnehmen zu können, müssen sich die Studierenden online im Studierendenportal zu den jeweiligen Erfolgskontrollen anmelden. In Ausnahmefällen kann eine Anmeldung schriftlich im Studierendenservice oder in einer anderen, vom Studierendenservice autorisierten Einrichtung erfolgen. Für die Erfolgskontrollen können durch die Prüfenden Anmeldefristen festgelegt werden. Die Anmeldung der Bachelorarbeit ist im Modulhandbuch geregelt.

(2) Sofern Wahlmöglichkeiten bestehen, müssen Studierende, um zu einer Prüfung in einem bestimmten Modul zugelassen zu werden, vor der ersten Prüfung in diesem Modul mit der Anmeldung zu der Prüfung eine bindende Erklärung über die Wahl des betreffenden Moduls und dessen Zuordnung zu einem Fach abgeben. Auf Antrag des/der Studierenden an den Prüfungsausschuss kann die Wahl oder die Zuordnung nachträglich geändert werden. Ein einmal begonnenes Prüfungsverfahren ist zu beenden, d.h. eine erstmals nicht bestandene Prüfung ist zu wiederholen.

(3) Zu einer Erfolgskontrolle ist zuzulassen, wer

1. in den Bachelorstudiengang Architektur am KIT eingeschrieben ist; die Zulassung beurlaubter Studierender ist auf Prüfungsleistungen beschränkt; und

2. nachweist, dass er die im Modulhandbuch für die Zulassung zu einer Erfolgskontrolle festgelegten Voraussetzungen erfüllt und

3. nachweist, dass er in dem Bachelorstudiengang Architektur den Prüfungsanspruch nicht verloren hat.

(4) Nach Maßgabe von § 30 Abs. 5 LHG kann die Zulassung zu einzelnen Pflichtveranstaltungen beschränkt werden. Der/die Prüfende entscheidet über die Auswahl unter den Studierenden, die sich rechtzeitig bis zu dem von dem/der Prüfenden festgesetzten Termin angemeldet haben unter Berücksichtigung des Studienfortschritts dieser Studierenden und unter Beachtung von § 13 Abs. 1 Satz 1 und 2, sofern ein Abbau des Überhangs durch andere oder zusätzliche Veranstaltungen nicht möglich ist. Für den Fall gleichen Studienfortschritts sind durch die KIT-Fakultäten weitere Kriterien festzulegen. Das Ergebnis wird den Studierenden rechtzeitig bekannt gegeben.

(5) Die Zulassung ist abzulehnen, wenn die in Absatz 3 und 4 genannten Voraussetzungen nicht erfüllt sind.

§ 6 Durchführung von Erfolgskontrollen

(1) Erfolgskontrollen werden studienbegleitend, in der Regel im Verlauf der Vermittlung der Lehrinhalte der einzelnen Module oder zeitnah danach, durchgeführt.

(2) Die Art der Erfolgskontrolle (§ 4 Abs. 2 Nr. 1 bis 3, Abs. 3) wird von der/dem Prüfenden der betreffenden Lehrveranstaltung in Bezug auf die Lerninhalte der Lehrveranstaltung und die Lernziele des Moduls festgelegt. Die Art der Erfolgskontrolle, ihre Häufigkeit, Reihenfolge und Gewichtung sowie gegebenenfalls die Bildung der Modulnote müssen mindestens sechs Wochen vor Vorlesungsbeginn im Modulhandbuch bekannt gemacht werden. Im Einvernehmen von Prüfendem und Studierender bzw. Studierendem können die Art der Prüfungsleistung sowie die

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Prüfungssprache auch nachträglich geändert werden; im ersten Fall ist jedoch § 4 Abs. 5 zu berücksichtigen. Bei der Prüfungsorganisation sind die Belange Studierender mit Behinderung oder chronischer Erkrankung gemäß § 13 Abs. 1 zu berücksichtigen. § 13 Abs. 1 Satz 3 und 4 gelten entsprechend.

(3) Bei unvertretbar hohem Prüfungsaufwand kann eine schriftlich durchzuführende Prüfungsleistung auch mündlich, oder eine mündlich durchzuführende Prüfungsleistung auch schriftlich abgenommen werden. Diese Änderung muss mindestens sechs Wochen vor der Prüfungsleistung bekannt gegeben werden.

(4) Bei Lehrveranstaltungen in englischer Sprache (§ 3 Abs. 6) können die entsprechenden Erfolgskontrollen in dieser Sprache abgenommen werden. § 6 Abs. 2 gilt entsprechend.

(5) *Schriftliche Prüfungen* (§ 4 Abs. 2 Nr. 1) sind in der Regel von einer/einem Prüfenden nach § 18 Abs. 2 oder 3 zu bewerten. Sofern eine Bewertung durch mehrere Prüfende erfolgt, ergibt sich die Note aus dem arithmetischen Mittel der Einzelbewertungen. Entspricht das arithmetische Mittel keiner der in § 7 Abs. 2 Satz 2 definierten Notenstufen, so ist auf die nächstliegende Notenstufe auf- oder abzurunden. Bei gleichem Abstand ist auf die nächstbessere Notenstufe zu runden. Das Bewertungsverfahren soll sechs Wochen nicht überschreiten. Schriftliche Prüfungen dauern mindestens 60 und höchstens 300 Minuten.

(6) *Mündliche Prüfungen* (§ 4 Abs. 2 Nr. 2) sind von mehreren Prüfenden (Kollegialprüfung) oder von einer/einem Prüfenden in Gegenwart einer oder eines Beisitzenden als Gruppen- oder Einzelprüfungen abzunehmen und zu bewerten. Vor der Festsetzung der Note hört die/der Prüfende die anderen an der Kollegialprüfung mitwirkenden Prüfenden an. Mündliche Prüfungen dauern in der Regel mindestens 15 Minuten und maximal 60 Minuten pro Studierenden.

Die wesentlichen Gegenstände und Ergebnisse der *mündlichen Prüfung* sind in einem Protokoll festzuhalten. Das Ergebnis der Prüfung ist den Studierenden im Anschluss an die mündliche Prüfung bekannt zu geben.

Studierende, die sich in einem späteren Semester der gleichen Prüfung unterziehen wollen, werden entsprechend den räumlichen Verhältnissen und nach Zustimmung des Prüflings als Zuhörerinnen und Zuhörer bei mündlichen Prüfungen zugelassen. Die Zulassung erstreckt sich nicht auf die Beratung und Bekanntgabe der Prüfungsergebnisse.

(7) Für *Prüfungsleistungen anderer Art* (§ 4 Abs. 2 Nr. 3) sind angemessene Bearbeitungsfristen einzuräumen und Abgabetermine festzulegen. Dabei ist durch die Art der Aufgabenstellung und durch entsprechende Dokumentation sicherzustellen, dass die erbrachte Prüfungsleistung dem/der Studierenden zurechenbar ist. Die wesentlichen Gegenstände und Ergebnisse einer solchen Erfolgskontrolle sind in einem Protokoll festzuhalten.

Bei *mündlich* durchgeführten *Prüfungsleistungen anderer Art* muss neben der/dem Prüfenden ein/e Beisitzende/r anwesend sein, die/der zusätzlich zum/zur Prüfenden das Protokoll zeichnet.

Schriftliche und/oder zeichnerische Arbeiten im Rahmen einer *Prüfungsleistung anderer Art* haben dabei die folgende Erklärung zu tragen: „Ich versichere wahrheitsgemäß, die Arbeit selbstständig angefertigt, alle benutzten Hilfsmittel vollständig und genau angegeben und alles kenntlich gemacht zu haben, was aus Arbeiten anderer unverändert oder mit Abänderungen entnommen wurde.“ Trägt die Arbeit diese Erklärung nicht, wird sie nicht angenommen. Die wesentlichen Gegenstände und Ergebnisse der Erfolgskontrolle sind in einem Protokoll festzuhalten.

§ 6 a Erfolgskontrollen im Antwort-Wahl-Verfahren

Das Modulhandbuch regelt, ob und in welchem Umfang Erfolgskontrollen im Wege des *Antwort-Wahl-Verfahrens* abgelegt werden können

§ 6 b Computergestützte Erfolgskontrollen

(1) Erfolgskontrollen können computergestützt durchgeführt werden. Dabei wird die Antwort bzw. Lösung der/des Studierenden elektronisch übermittelt und, sofern möglich, automatisiert ausgewertet. Die Prüfungsinhalte sind von einer/einem Prüfenden zu erstellen.

(2) Vor der computergestützten Erfolgskontrolle hat die/der Prüfende sicherzustellen, dass die elektronischen Daten eindeutig identifiziert und unverwechselbar und dauerhaft den Studierenden zugeordnet werden können. Der störungsfreie Verlauf einer computergestützten Erfolgskontrolle ist durch entsprechende technische und fachliche Betreuung zu gewährleisten. Alle Prüfungsaufgaben müssen während der gesamten Bearbeitungszeit zur Bearbeitung zur Verfügung stehen.

(3) Im Übrigen gelten für die Durchführung von computergestützten Erfolgskontrollen die §§ 6 bzw. 6 a.

§ 7 Bewertung von Studien- und Prüfungsleistungen

(1) Das Ergebnis einer Prüfungsleistung wird von den jeweiligen Prüfenden in Form einer Note festgesetzt.

(2) Folgende Noten sollen verwendet werden:

sehr gut (very good)	:	hervorragende Leistung,
gut (good)	:	eine Leistung, die erheblich über den durchschnittlichen Anforderungen liegt,
befriedigend (satisfactory)	:	eine Leistung, die durchschnittlichen Anforderungen entspricht,
ausreichend (sufficient)	:	eine Leistung, die trotz ihrer Mängel noch den Anforderungen genügt,
nicht ausreichend (failed)	:	eine Leistung, die wegen erheblicher Mängel nicht den Anforderungen genügt.

Zur differenzierten Bewertung einzelner Prüfungsleistungen sind nur folgende Noten zugelassen:

1,0; 1,3	:	sehr gut
1,7; 2,0; 2,3	:	gut
2,7; 3,0; 3.3	:	befriedigend
3,7; 4,0	:	ausreichend
5,0	:	nicht ausreichend

(3) Studienleistungen werden mit „bestanden“ oder mit „nicht bestanden“ gewertet.

(4) Bei der Bildung der gewichteten Durchschnitte der Modulnoten, der Fachnoten und der Gesamtnote wird nur die erste Dezimalstelle hinter dem Komma berücksichtigt; alle weiteren Stellen werden ohne Rundung gestrichen.

(5) Jedes Modul und jede Erfolgskontrolle darf in demselben Studiengang nur einmal gewertet werden.

(6) Eine Prüfungsleistung ist bestanden, wenn die Note mindestens „ausreichend“ (4,0) ist.

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(7) Die Modulprüfung ist bestanden, wenn alle erforderlichen Erfolgskontrollen bestanden sind. Die Modulprüfung und die Bildung der Modulnote sollen im Modulhandbuch geregelt werden. Sofern das Modulhandbuch keine Regelung über die Bildung der Modulnote enthält, errechnet sich die Modulnote aus einem nach den Leistungspunkten der einzelnen Teilmodule gewichteter Notendurchschnitt. Die differenzierten Noten (Absatz 2) sind bei der Berechnung der Modulnoten als Ausgangsdaten zu verwenden.

(8) Die Ergebnisse der Erfolgskontrollen sowie die erworbenen Leistungspunkte werden durch den Studierendenservice des KIT verwaltet.

(9) Die Noten der Module eines Faches gehen in die Fachnote mit einem Gewicht proportional zu den ausgewiesenen Leistungspunkten der Module ein.

(10) Die Gesamtnote der Bachelorprüfung, die Fachnoten und die Modulnoten lauten:

		bis	1,5	=	sehr gut
von	1,6	bis	2,5	=	gut
von	2,6	bis	3,5	=	befriedigend
von	3,6	bis	4,0	=	ausreichend

§ 8 Orientierungsprüfungen, Verlust des Prüfungsanspruchs

(1) Die Modulprüfungen in den Modulen „Architekturgeometrie und Digitales Gestalten 1“ (4 LP), „Architekturtheorie 1“ (4 LP), „Studio Gefüge“ (10 LP) und „Bauphysik“ (4 LP) sind bis zum Ende des Prüfungszeitraums des zweiten Fachsemesters abzulegen (Orientierungsprüfungen).

(2) Wer die Orientierungsprüfungen einschließlich etwaiger Wiederholungen bis zum Ende des Prüfungszeitraums des dritten Fachsemesters nicht erfolgreich abgelegt hat, verliert den Prüfungsanspruch im Studiengang, es sei denn, dass die Fristüberschreitung nicht selbst zu vertreten ist; hierüber entscheidet der Prüfungsausschuss auf Antrag der oder des Studierenden. Eine zweite Wiederholung der Orientierungsprüfungen ist ausgeschlossen.

(3) Ist die Bachelorprüfung bis zum Ende des Prüfungszeitraums des neunten Fachsemesters einschließlich etwaiger Wiederholungen nicht vollständig abgelegt, so erlischt der Prüfungsanspruch im Studiengang Architektur, es sei denn, dass die Fristüberschreitung nicht selbst zu vertreten ist. Die Entscheidung über eine Fristverlängerung und über Ausnahmen von der Fristregelung trifft der Prüfungsausschuss unter Beachtung der in § 32 Abs. 6 LHG genannten Tätigkeiten auf Antrag des/der Studierenden. Der Antrag ist schriftlich in der Regel bis sechs Wochen vor Ablauf der in Satz 1 genannten Studienhöchstdauer zu stellen.

(4) Der Prüfungsanspruch geht auch verloren, wenn eine nach dieser Studien- und Prüfungsordnung erforderliche Studien- oder Prüfungsleistung endgültig nicht bestanden ist.

§ 9 Wiederholung von Erfolgskontrollen, endgültiges Nichtbestehen

(1) Studierende können eine nicht bestandene schriftliche Prüfung (§ 4 Absatz 2 Nr. 1) einmal wiederholen. Wird eine schriftliche Wiederholungsprüfung mit „nicht ausreichend“ (5,0) bewertet, so findet eine mündliche Nachprüfung im zeitlichen Zusammenhang mit dem Termin der nicht bestandenen Prüfung statt. In diesem Falle kann die Note dieser Prüfung nicht besser als „ausreichend“ (4,0) sein.

(2) Studierende können eine nicht bestandene mündliche Prüfung (§ 4 Absatz 2 Nr. 2) einmal wiederholen.

(3) Wiederholungsprüfungen nach Absatz 1 und 2 müssen in Inhalt, Umfang und Form (mündlich oder schriftlich) der ersten entsprechen. Ausnahmen kann der zuständige Prüfungsausschuss auf Antrag zulassen.

(4) Prüfungsleistungen anderer Art (§ 4 Absatz 2 Nr. 3) können einmal wiederholt werden.

(5) Studienleistungen können mehrfach wiederholt werden.

(6) Die Prüfungsleistung ist endgültig nicht bestanden, wenn die mündliche Nachprüfung im Sinne des Absatzes 1 mit „nicht ausreichend“ (5,0) bewertet wurde. Die Prüfungsleistung ist ferner endgültig nicht bestanden, wenn die mündliche Prüfung im Sinne des Absatzes 2 oder die Prüfungsleistung anderer Art gemäß Absatz 4 zweimal mit „nicht bestanden“ bewertet wurde.

(7) Das Modul ist endgültig nicht bestanden, wenn eine für sein Bestehen erforderliche Prüfungsleistung endgültig nicht bestanden ist.

(8) Eine zweite Wiederholung derselben Prüfungsleistung gemäß § 4 Abs. 2 ist nur in Ausnahmefällen auf Antrag des/der Studierenden zulässig („Antrag auf Zweitwiederholung“). Der Antrag ist schriftlich beim Prüfungsausschuss in der Regel bis zwei Monate nach Bekanntgabe der Note zu stellen.

Über den ersten Antrag eines/einer Studierenden auf Zweitwiederholung entscheidet der Prüfungsausschuss, wenn er den Antrag genehmigt. Wenn der Prüfungsausschuss diesen Antrag ablehnt, entscheidet ein Mitglied des Präsidiums. Über weitere Anträge auf Zweitwiederholung entscheidet nach Stellungnahme des Prüfungsausschusses ein Mitglied des Präsidiums. Wird der Antrag genehmigt, hat die Zweitwiederholung spätestens zum übernächsten Prüfungstermin zu erfolgen. Absatz 1 Satz 2 und 3 gelten entsprechend.

(9) Die Wiederholung einer bestandenen Prüfungsleistung ist nicht zulässig.

(10) Die Bachelorarbeit kann bei einer Bewertung mit „nicht ausreichend“ (5,0) einmal wiederholt werden. Eine zweite Wiederholung der Bachelorarbeit ist ausgeschlossen.

§ 10 Abmeldung; Versäumnis, Rücktritt

(1) Studierende können ihre Anmeldung zu *schriftlichen Prüfungen* ohne Angabe von Gründen bis zur Ausgabe der Prüfungsaufgaben widerrufen (Abmeldung). Eine Abmeldung kann online im Studierendenportal bis 24:00 Uhr des Vortages der Prüfung oder in begründeten Ausnahmefällen beim Studierendenservice innerhalb der Geschäftszeiten erfolgen. Erfolgt die Abmeldung gegenüber dem/der Prüfenden hat diese/r Sorge zu tragen, dass die Abmeldung im Campus Management System verbucht wird.

(2) Bei *mündlichen Prüfungen* muss die Abmeldung spätestens sieben Werktage vor dem betreffenden Prüfungstermin gegenüber dem/der Prüfenden erklärt werden. Der Rücktritt von einer mündlichen Prüfung weniger als sieben Werktage vor dem betreffenden Prüfungstermin ist nur unter den Voraussetzungen des Absatzes 5 möglich. Der Rücktritt von mündlichen Nachprüfungen im Sinne von § 9 Abs. 1 ist grundsätzlich nur unter den Voraussetzungen von Absatz 5 möglich.

(3) Die Abmeldung von Prüfungsleistungen anderer Art hat in der Regel bis sechs Wochen nach Beginn der zugehörigen Lehrveranstaltung zu erfolgen. Die Abmeldung von Studienleistungen ist im Modulhandbuch geregelt.

(4) Eine Erfolgskontrolle gilt als mit „nicht ausreichend“ (5,0) bewertet, wenn die Studierenden einen Prüfungstermin ohne triftigen Grund versäumen oder wenn sie nach Beginn der Erfolgskontrolle ohne triftigen Grund von dieser zurücktreten. Dasselbe gilt, wenn die Bachelorarbeit nicht innerhalb der vorgesehenen Bearbeitungszeit erbracht wird, es sei denn, der/die Studierende hat die Fristüberschreitung nicht zu vertreten.

(5) Der für den Rücktritt nach Beginn der Erfolgskontrolle oder das Versäumnis geltend gemachte Grund muss dem Prüfungsausschuss unverzüglich schriftlich angezeigt und glaubhaft gemacht werden. Bei Krankheit des/der Studierenden oder eines allein zu versorgenden Kindes oder pflegebedürftigen Angehörigen kann die Vorlage eines ärztlichen Attestes verlangt werden.

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§ 11 Täuschung, Ordnungsverstoß

(1) Versuchen Studierende das Ergebnis ihrer Erfolgskontrolle durch Täuschung oder Benutzung nicht zugelassener Hilfsmittel zu beeinflussen, gilt die betreffende Erfolgskontrolle als mit „nicht ausreichend“ (5,0) bewertet.

(2) Studierende, die den ordnungsgemäßen Ablauf einer Erfolgskontrolle stören, können von der/dem Prüfenden oder der Aufsicht führenden Person von der Fortsetzung der Erfolgskontrolle ausgeschlossen werden. In diesem Fall gilt die betreffende Erfolgskontrolle als mit „nicht ausreichend“ (5,0) bewertet. In schwerwiegenden Fällen kann der Prüfungsausschuss diese Studierenden von der Erbringung weiterer Erfolgskontrollen ausschließen.

(3) Näheres regelt die Allgemeine Satzung des KIT zur Redlichkeit bei Prüfungen und Praktika in der jeweils gültigen Fassung.

§ 12 Mutterschutz, Elternzeit, Wahrnehmung von Familienpflichten

(1) Auf Antrag sind die Mutterschutzfristen, wie sie im jeweils gültigen Gesetz zum Schutz der erwerbstätigen Mutter (Mutterschutzgesetz - MuSchG) festgelegt sind, entsprechend zu berücksichtigen. Dem Antrag sind die erforderlichen Nachweise beizufügen. Die Mutterschutzfristen unterbrechen jede Frist nach dieser Prüfungsordnung. Die Dauer des Mutterschutzes wird nicht in die Frist eingerechnet.

(2) Gleichfalls sind die Fristen der Elternzeit nach Maßgabe des jeweils gültigen Gesetzes (Bundeselterngeld- und Elternzeitgesetz - BEEG) auf Antrag zu berücksichtigen. Der/die Studierende muss bis spätestens vier Wochen vor dem Zeitpunkt, von dem an die Elternzeit angetreten werden soll, dem Prüfungsausschuss, unter Beifügung der erforderlichen Nachweise, schriftlich mitteilen, in welchem Zeitraum die Elternzeit in Anspruch genommen werden soll. Der Prüfungsausschuss hat zu prüfen, ob die gesetzlichen Voraussetzungen vorliegen, die bei einer Arbeitnehmerin bzw. einem Arbeitnehmer den Anspruch auf Elternzeit auslösen würden, und teilt dem/der Studierenden das Ergebnis sowie die neu festgesetzten Prüfungszeiten unverzüglich mit. Die Bearbeitungszeit der Bachelorarbeit kann nicht durch Elternzeit unterbrochen werden. Die gestellte Arbeit gilt als nicht vergeben. Nach Ablauf der Elternzeit erhält der/die Studierende ein neues Thema, das innerhalb der in § 14 festgelegten Bearbeitungszeit zu bearbeiten ist.

(3) Der Prüfungsausschuss entscheidet auf Antrag über die flexible Handhabung von Prüfungsfristen entsprechend den Bestimmungen des Landeshochschulgesetzes, wenn Studierende Familienpflichten wahrzunehmen haben. Absatz 2 Satz 4 bis 6 gelten entsprechend.

§ 13 Studierende mit Behinderung oder chronischer Erkrankung

(1) Bei der Gestaltung und Organisation des Studiums sowie der Prüfungen sind die Belange Studierender mit Behinderung oder chronischer Erkrankung zu berücksichtigen. Insbesondere ist Studierenden mit Behinderung oder chronischer Erkrankung bevorzugter Zugang zu teilnahmebegrenzten Lehrveranstaltungen zu gewähren und die Reihenfolge für das Absolvieren bestimmter Lehrveranstaltungen entsprechend ihrer Bedürfnisse anzupassen. Studierende sind gemäß Bundesgleichstellungsgesetz (BGG) und Sozialgesetzbuch Neuntes Buch (SGB IX) behindert, wenn ihre körperliche Funktion, geistige Fähigkeit oder seelische Gesundheit mit hoher Wahrscheinlichkeit länger als sechs Monate von dem für das Lebensalter typischen Zustand abweichen und daher ihre Teilhabe am Leben in der Gesellschaft beeinträchtigt ist. Der Prüfungsausschuss entscheidet auf Antrag der/des Studierenden über das Vorliegen der Voraussetzungen nach Satz 2 und 3. Die/der Studierende hat die entsprechenden Nachweise vorzulegen.

(2) Weisen Studierende eine Behinderung oder chronische Erkrankung nach und folgt daraus, dass sie nicht in der Lage sind, Erfolgskontrollen ganz oder teilweise in der vorgeschriebenen Zeit oder Form abzulegen, kann der Prüfungsausschuss gestatten, die Erfolgskontrollen in ei-

nem anderen Zeitraum oder einer anderen Form zu erbringen. Insbesondere ist behinderten Studierenden zu gestatten, notwendige Hilfsmittel zu benutzen.

(3) Weisen Studierende eine Behinderung oder chronische Erkrankung nach und folgt daraus, dass sie nicht in der Lage sind, die Lehrveranstaltungen regelmäßig zu besuchen oder die gemäß § 20 erforderlichen Studien- und Prüfungsleistungen zu erbringen, kann der Prüfungsausschuss auf Antrag gestatten, dass einzelne Studien- und Prüfungsleistungen nach Ablauf der in dieser Studien- und Prüfungsordnung vorgesehenen Fristen absolviert werden können.

§ 14 Modul Bachelorarbeit

(1) Voraussetzung für die Zulassung zum Modul Bachelorarbeit ist, dass die/der Studierende

1. das Fach „Entwerfen“,

2. das Fach „Integrales Entwerfen“ und

3. zusätzlich Modulprüfungen im Umfang von 76 LP erfolgreich abgelegt hat.

Über Ausnahmen entscheidet der Prüfungsausschuss auf Antrag der/des Studierenden.

(1 a) Dem Modul Bachelorarbeit sind 12 LP zugeordnet. Es besteht aus der Bachelorarbeit und einer Präsentation. Die Bearbeitung und Präsentation hat nach dem vom Prüfungsausschuss vorgegebenen Zeitplan zu erfolgen. Dieser für alle Studierende einheitliche Zeitplan ist mit der Bachelorarbeit auszugegeben.

(2) Die Bachelorarbeit ist ein architektonischer Entwurf. Sie kann von Hochschullehrer/innen und leitenden Wissenschaftler/innen gemäß § 14 Abs. 3 Ziff. 1 KITG vergeben werden. Darüber hinaus kann der Prüfungsausschuss weitere Prüfende gemäß § 18 Abs. 2 und 3 zur Vergabe des Themas berechtigen. Soll die Bachelorarbeit außerhalb der KIT-Fakultät für Architektur angefertigt werden, so bedarf dies der Genehmigung durch den Prüfungsausschuss. Für die Bachelorarbeit stehen in jedem Semester Themen zur Auswahl. Der Prüfungsausschuss bestimmt für jedes Thema einen/eine Betreuer/in. Die Verteilung der Themen auf die Studierenden erfolgt per Zuteilungsverfahren. Näheres regelt das Modulhandbuch. Die Bachelorarbeit kann auch in Form einer Gruppenarbeit zugelassen werden, wenn der als Prüfungsleistung zu bewertende Beitrag der einzelnen Studierenden aufgrund objektiver Kriterien, die eine eindeutige Abgrenzung ermöglichen, deutlich unterscheidbar ist und die Anforderung nach Absatz 4 erfüllt. In Ausnahmefällen sorgt die/der Vorsitzende des Prüfungsausschusses auf Antrag der oder des Studierenden dafür, dass die/der Studierende innerhalb von vier Wochen ein Thema für die Bachelorarbeit erhält. Die Ausgabe des Themas erfolgt in diesem Fall über die/den Vorsitzende/n des Prüfungsausschusses.

(3) Thema, Aufgabenstellung und Umfang der Bachelorarbeit sind von dem Betreuer bzw. der Betreuerin so zu begrenzen, dass sie mit dem in Absatz 4 festgelegten Arbeitsaufwand bearbeitet werden kann.

(4) Die Bachelorarbeit soll zeigen, dass die Studierenden in der Lage sind, ein Problem aus ihrem Studienfach selbstständig und in begrenzter Zeit nach wissenschaftlichen, gestalterischen, konstruktiv-technischen, theoretisch-historischen, städtebaulichen, organisatorischen und entwerferischen Methoden zu bearbeiten. Die maximale Bearbeitungsdauer beträgt drei Monate. Thema und Aufgabenstellung sind an den vorgesehenen Umfang anzupassen. Der Prüfungsausschuss legt fest, in welchen Sprachen die Bachelorarbeit geschrieben werden kann. Auf Antrag des Studierenden kann der/die Prüfende genehmigen, dass die Bachelorarbeit in einer anderen Sprache als Deutsch geschrieben wird.

(5) Bei der Abgabe der Bachelorarbeit haben die Studierenden schriftlich zu versichern, dass sie die Arbeit selbstständig verfasst und keine anderen als die angegebenen Quellen und Hilfsmittel benutzt haben, die wörtlich oder inhaltlich übernommenen Stellen als solche kenntlich gemacht und die Satzung des KIT zur Sicherung guter wissenschaftlicher Praxis in der jeweils gültigen Fassung beachtet haben. Wenn diese Erklärung nicht enthalten ist, wird die Arbeit nicht angenommen. Die Erklärung kann wie folgt lauten: „Ich versichere wahrheitsgemäß, die Arbeit selbstständig verfasst, alle benutzten Hilfsmittel vollständig und genau angegeben und alles

kenntlich gemacht zu haben, was aus Arbeiten anderer unverändert oder mit Abänderungen entnommen wurde sowie die Satzung des KIT zur Sicherung guter wissenschaftlicher Praxis in der jeweils gültigen Fassung beachtet zu haben.“ Bei Abgabe einer unwahren Versicherung wird die Bachelorarbeit mit „nicht ausreichend“ (5,0) bewertet.

(6) Der Zeitpunkt der Ausgabe des Themas der Bachelorarbeit ist durch die Betreuerin/ den Betreuer und die/den Studierenden festzuhalten und dies beim Prüfungsausschuss aktenkundig zu machen. Der Zeitpunkt der Abgabe der Bachelorarbeit ist durch den/die Prüfende/n beim Prüfungsausschuss aktenkundig zu machen. Das Thema kann nur einmal und nur innerhalb des ersten Monats der Bearbeitungszeit zurückgegeben werden. Macht der oder die Studierende einen triftigen Grund geltend, kann der Prüfungsausschuss die in Absatz 3 festgelegte Bearbeitungszeit auf Antrag der oder des Studierenden um höchstens einen Monat verlängern. Wird die Bachelorarbeit nicht fristgerecht abgeliefert, gilt sie als mit „nicht ausreichend“ (5,0) bewertet, es sei denn, dass die Studierenden dieses Versäumnis nicht zu vertreten haben.

(7) Die Bachelorarbeit wird von mindestens einem/einer Hochschullehrer/in oder einem/einer leitenden Wissenschaftler/in gemäß § 14 Abs. 3 Ziff. 1 KITG und einem/einer weiteren Prüfenden bewertet. In der Regel ist eine/r der Prüfenden die Person, die die Arbeit gemäß Absatz 2 vergeben hat. Bei nicht übereinstimmender Beurteilung dieser beiden Personen setzt der Prüfungsausschuss im Rahmen der Bewertung dieser beiden Personen die Note der Bachelorarbeit fest; er kann auch einen weiteren Gutachter bestellen. Die Bewertung hat innerhalb von sechs Wochen nach Abgabe der Bachelorarbeit zu erfolgen.

§ 15 Zusatzleistungen

(1) Es können auch weitere Leistungspunkte (Zusatzleistungen) im Umfang von höchstens 30 LP aus dem Gesamtangebot des KIT erworben werden. § 3 und § 4 der Prüfungsordnung bleiben davon unberührt. Diese Zusatzleistungen gehen nicht in die Festsetzung der Gesamt- und Modulnoten ein. Die bei der Festlegung der Modulnote nicht berücksichtigten LP werden als Zusatzleistungen im Transcript of Records aufgeführt und als Zusatzleistungen gekennzeichnet. Auf Antrag der/des Studierenden werden die Zusatzleistungen in das Bachelorzeugnis aufgenommen und als Zusatzleistungen gekennzeichnet. Zusatzleistungen werden mit den nach § 7 vorgesehenen Noten gelistet.

(2) Die Studierenden haben bereits bei der Anmeldung zu einer Prüfung in einem Modul diese als Zusatzleistung zu deklarieren. Auf Antrag der Studierenden kann die Zuordnung des Moduls später geändert werden.

§ 15 a Mastervorzug

Studierende, die im Bachelorstudium bereits mindestens 120 LP erworben haben, können zusätzlich zu den in § 15 Abs. 1 genannten Zusatzleistungen Leistungspunkte aus einem konsekutiven Masterstudiengang am KIT im Umfang von höchstens 30 LP erwerben (Mastervorzugsleistungen). § 3 und § 4 der Prüfungsordnung bleiben davon unberührt. Die Mastervorzugsleistungen gehen nicht in die Festsetzung der Gesamt-, Fach- und Modulnoten ein. Sie werden im Transcript of Records aufgeführt und als solche gekennzeichnet sowie mit den nach § 7 vorgesehenen Noten gelistet. § 15 Absatz 2 gilt entsprechend. Es können nur Module der Fächer „Bautechnik“, „Geschichte, Kunst und Theorie“, „Gebäudeplanung“, „Stadt- und Landschaftsplanung“ sowie „Vertiefung“ und „Überfachliche Qualifikationen“ des Masterstudiengangs Architektur als Mastervorzugsleistung erbracht werden.

§ 16 Überfachliche Qualifikationen

Neben der Vermittlung von fachlichen Qualifikationen ist der Auf- und Ausbau überfachlicher Qualifikationen im Umfang von mindestens 6 LP Bestandteil eines Bachelorstudiums. Überfachliche Qualifikationen können additiv oder integrativ vermittelt werden.

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§ 17 Prüfungsausschuss

(1) Für den Bachelorstudiengang Architektur wird ein Prüfungsausschuss gebildet. Er besteht aus fünf stimmberechtigten Mitgliedern: drei Hochschullehrer/innen/ leitenden Wissenschaftler/innen gemäß § 14 Abs. 3 Ziff. 1 KITG / Privatdozentinnen bzw. -dozenten, zwei akademischen Mitarbeiterinnen und Mitarbeitern nach § 52 LHG / wissenschaftlichen Mitarbeiter/innen gemäß § 14 Abs. 3 Ziff. 2 KITG und einer bzw. einem Studierenden mit beratender Stimme. Im Falle der Einrichtung eines gemeinsamen Prüfungsausschusses für den Bachelor- und den Masterstudiengang Architektur erhöht sich die Anzahl der Studierenden auf zwei Mitglieder mit beratender Stimme, wobei je eine bzw. einer dieser Beiden aus dem Bachelor- und aus dem Masterstudiengang stammt. Die Amtszeit der nichtstudentischen Mitglieder beträgt zwei Jahre, die des studentischen Mitglieds ein Jahr.

(2) Die/der Vorsitzende, ihre/sein Stellvertreter/in, die weiteren Mitglieder des Prüfungsausschusses sowie deren Stellvertreter/innen werden von dem KIT-Fakultätsrat bestellt, die akademischen Mitarbeiter/innen nach § 52 LHG, die wissenschaftlichen Mitarbeiter gemäß § 14 Abs. 3 Ziff. 2 KITG und die Studierenden auf Vorschlag der Mitglieder der jeweiligen Gruppe; Wiederbestellung ist möglich. Die/der Vorsitzende und deren/dessen Stellvertreter/in müssen Hochschullehrer/innen oder leitende Wissenschaftler/innen § 14 Abs. 3 Ziff. 1 KITG sein. Die/der Vorsitzende des Prüfungsausschusses nimmt die laufenden Geschäfte wahr und wird durch das jeweilige Prüfungssekretariat unterstützt.

(3) Der Prüfungsausschuss achtet auf die Einhaltung der Bestimmungen dieser Studien- und Prüfungsordnung und fällt die Entscheidungen in Prüfungsangelegenheiten. Er entscheidet über die Anerkennung von Studienzeiten sowie Studien- und Prüfungsleistungen und trifft die Feststellung gemäß § 19 Absatz 1 Satz 1. Er berichtet der KIT-Fakultät regelmäßig über die Entwicklung der Prüfungs- und Studienzeiten, einschließlich der Bearbeitungszeiten für die Bachelorarbeiten und die Verteilung der Modul- und Gesamtnoten. Er ist zuständig für Anregungen zur Reform der Studien- und Prüfungsordnung und zu Modulbeschreibungen. Der Prüfungsausschuss entscheidet mit der Mehrheit seiner Stimmen. Bei Stimmengleichheit entscheidet der Vorsitzende des Prüfungsausschusses.

(4) Der Prüfungsausschuss kann die Erledigung seiner Aufgaben für alle Regelfälle auf die/den Vorsitzende/n des Prüfungsausschusses übertragen. In dringenden Angelegenheiten, deren Erledigung nicht bis zu der nächsten Sitzung des Prüfungsausschusses warten kann, entscheidet die/der Vorsitzende des Prüfungsausschusses.

(5) Die Mitglieder des Prüfungsausschusses haben das Recht, der Abnahme von Prüfungen beizuwohnen. Die Mitglieder des Prüfungsausschusses, die Prüfenden und die Beisitzenden unterliegen der Verschwiegenheit. Sofern sie nicht im öffentlichen Dienst stehen, sind sie durch die/den Vorsitzende/n zur Verschwiegenheit zu verpflichten.

(6) In Angelegenheiten des Prüfungsausschusses, die eine an einer anderen KIT-Fakultät zu absolvierende Prüfungsleistung betreffen, ist auf Antrag eines Mitgliedes des Prüfungsausschusses eine fachlich zuständige und von der betroffenen KIT-Fakultät zu nennende prüfungsberechtigte Person hinzuzuziehen.

(7) Belastende Entscheidungen des Prüfungsausschusses sind schriftlich mitzuteilen. Sie sind zu begründen und mit einer Rechtsbehelfsbelehrung zu versehen. Vor einer Entscheidung ist Gelegenheit zur Äußerung zu geben. Widersprüche gegen Entscheidungen des Prüfungsausschusses sind innerhalb eines Monats nach Zugang der Entscheidung schriftlich oder zur Niederschrift bei diesem einzulegen. Über Widersprüche entscheidet das für Lehre zuständige Mitglied des Präsidiums.

§ 18 Prüfende und Beisitzende

(1) Der Prüfungsausschuss bestellt die Prüfenden. Er kann die Bestellung der/dem Vorsitzenden übertragen.

(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)