

Module Handbook Architecture Master 2021 (M.Sc.)

SPO 2021

Summer semester 2026

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KIT DEPARTMENT OF ARCHITECTURE



Table Of Contents

1. Introduction	3
2. Study Program Structure.....	10
2.1. Master's Thesis	10
2.2. Designing	10
2.3. Architectural Core Competences from 01.04.2022	10
2.4. Specialization	11
2.5. Interdisciplinary Qualifications	13
3. Modules.....	14
4. Module components	96
5. 2021_AB_011.pdf	326

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The Master's 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.

Setup and Scope

The Master's program Architecture encompasses four semesters. One graduates with a Master of Science (M.Sc.) degree after having successfully passed the final exams. For this degree altogether 120 ECTS credit points must be collected and verified. During this course of studies the scientific qualifications that one has attained during the Bachelor's program should be further honed and extended in-depth. Within the framework of the studies, amongst others, skills in the following subjects will be taught:

- Designing
- Architectural Core Competences
- Specialization

In the subject Specialization modules of various disciplines can be selected and thereby an individual profile customized towards one's personal inclinations can be developed. The subject Interdisciplinary Qualifications rounds off the courses on offer; here one can attain general as well as practical competencies. The Master's program for all intents and purposes corresponds pretty much to a project study course. In every semester a project that includes going in-depth into a topic has to be worked on. All in all, the students do have a large choice when choosing the various project topics. In addition, when taking courses or lectures the students can also avail of a wide choice from which they can choose. It is, however, advisable to book a study course consultation before choosing one's courses.

Here the students are helped regarding drawing up one's own individual study plan with the corresponding individual profile all the way to the Master's thesis. The examination regulations (attached) and the study plan based on this contain all the binding requirements for the study course.

Basically the study course is broken up into modules. Every module can be made up of one or more courses which are successfully completed after having taken one or more exams and passed this/these. The scope of every module is marked by credit points that are credited to the students' accounts after having successfully completed the module.

Rules for the individual subjects

In the subject Design all modules are mandatory. Per semester only one of the modules "Building Design Project", "Urban Design Project" and "Design Project" can be taken. For every one of these modules one has to simultaneously also take a module from the subject "Design Specialization". Each module must be completed within one semester, i.e. the respective design specialization must accompany the design.

In the subject "Architectural core competencies", the compulsory elective blocks "Design, History, Art and Theory" and "Urban and Landscape Planning" must each be completed with one module, which can be chosen from several modules. In addition, there are the modules "Lecture Series" and "Building and Structure".

In the subject "Specialization" the module "Research Fields" is mandatory. Four further modules must be taken that can be selected from a wide range available. This allows for individual specialization. All of the modules of the compulsory elective blocks "Design, History, Art and Theory" and "Urban and Landscape Planning" can also be taken in the subject "Specialization".

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.

Qualification goals of the degree program

Education within the master's program of architecture is largely based on the regulations adopted by the German Federal Chamber of Architects and international associations, such as UIA and AESOP. Moreover, the Bundesstiftung Baukultur (Federal Building Culture Foundation) has clearly defined the society's requirements to be met by architects and updated them in broad discourse.

Graduates of the master's program of architecture have passed a high-quality education program of five years' duration for highly responsible, complex, and innovative activities in the areas of designing, planning and building, research, and development in architecture.

In this way, they have obtained the qualification to enter a profession. Together with a practical working phase of two or three years, the master's degree is needed to obtain the authorization to present building documents (Bauvorlageberechtigung) and to become member of the respective Chamber of Architects. As the consecutive master's program fully meets international standards (EU, UTA, UNESCO), unrestricted, also international, career perspectives are opened up.

Having specialized in the area of urban planning, graduates meet the specific requirements to apply for inclusion in the list of urban planners in the respective federal state.

Hence, they are prepared for practical and scientific work in the areas of architecture and urban and landscape planning.

Upon completion of the master's program of four semesters' duration, graduates have the specific and scientific qualification for a subsequent doctorate in the area of architecture or related programs.

Studies within the master's program are based on the fundamentals imparted by the bachelor's program. The master's program extends the networked thinking conveyed by the bachelor's program by interdisciplinary elements.

All phases of the master's program are characterized by a high degree of scientific quality and independence in an international environment as well as by the

understanding of complex, also ecological, relationships. Hence, graduates are able to assume executive positions in an architectural office and to act responsibly, sustainably, and in an integrating manner.

Graduates have in-depth knowledge of the different system and complexity levels of this profession and are able to understand the interconnections between the partial areas of architecture.

Graduates have an in-depth awareness of and high sensitivity for the sustainable use of nature and the environment and know the associated architectural challenges.

They are able to critically assess scientific and specific knowledge of how modern architecture and urban planning can be formulated and can relate this knowledge to the social context. In this respect, graduates are capable of developing an own personal attitude.

They apply central terms of the terminology in German and English and possess profound knowledge of the current problems faced by architects and the corresponding research community.

They have a wide and profound fundamental knowledge in the different areas of architecture. This includes a theoretical artistic understanding, technical construction knowledge, and sensitivity for the context as well as knowledge of building history and the history of art.

Graduates have learned to think and act independently and to develop own positions.

They are familiar with the different forms of scientific work and can participate in research teams. They are capable of analyzing complex problems and critically discussing facts. On this basis, they can develop strategies for problem solution with high degrees of abstraction. They are able to understand complex spatial situations and model them clearly with different tools.

After five years of work in six bachelor's design studios and three master's projects, they have learned to work in teams and have gained vast experience in various interdisciplinary groups. They can coordinate and manage projects as well as assume executive tasks.

Graduates have a detailed knowledge of how to exploit sources of information and can use the findings specifically and in a structured way. They can present the work results derived to an audience and document them in an understandable way.

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 27th, 2021 (official notice of the Karlsruhe Institute of Technology (KIT) No. 52 dated July 28th, 2021) 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.

Master Architektur

Exemplary Curriculum - SPO 2021

1. Sem	2. Sem	3. Sem	4. Sem
Building Design Project Building Design Project 12 CP	Urban Design Project Urban Design Project 12 CP	Design Project Design Project 12 CP	Master's Thesis 30 CP
Design Specialization 2CP	Design Specialization 2CP	Design Specialization 2 CP	
Building and Structure 4CP	Lecture Series** 4 CP	Elective Module* 4 CP	
Design, History, Art and Theory* 4 CP	Urban and Landscape Planning* 4 CP	Interdisciplinary Qualifications* Key Qualifications 4 CP	
Elective Module* 4 CP	Elective Module* 4 CP	Seminar Week 2 CP	
Impromptu Designs 4 CP	Elective Module* 4 CP	Research Fields Research Seminar / Independent Student Research Project 4 CP Doctoral Colloquium, Preparation Master's Thesis 2 CP	
30 CP	30 CP	30 CP	30 CP

* Placeholder for various modules

** Thematic lecture series on the main areas of study

Study Specializations

With regard to future career choices, the Master's degree program in Architecture at the Karlsruhe Institute of Technology (KIT) offers the following specializations:

- „Städtebau“ – „Urban Design“
- „Bautechnologie“ – „Building Technology“
- „Architektonisches und kulturelles Erbe“ – „Architectural and Cultural Heritage“

In order to receive a specialization as an additional certificate, a certain number and type of modules from the respective area must be completed. These can be found in the diagrams in the chapter "Master's degree course structure". The decision for a specialization is made at the latest when registering for the Master's thesis. Additional coursework can also be taken in order to achieve a specialization.

STUDY STRUCTURE MASTER'S PROGRAM SPO2021							
Field title	Module ID	CP Module	Conditions / Prerequisites Module	Module Component ID	Module Component Title	Examination	CP Module Component
Designing (46 CP)							
All modules in this field are compulsory modules. Except "Impromptu Desings" only one module per semester.							
Building Design Project	M-ARCH-105670	14	-	T-ARCH-107445	Building Design Project	Examination of another kind	12
				T-ARCH-112101	Design Specialization	Examination of another kind	2
Urban Design Project	M-ARCH-105671	14	-	T-ARCH-107343	Urban Design Project	Examination of another kind	12
				T-ARCH-111328	Urban Design Specialization	Examination of another kind	2
Design Project	M-ARCH-105672	14	-	T-ARCH-107344	Design Project 2	Examination of another kind	12
				T-ARCH-111329	Free Design Specialization	Examination of another kind	2
Impromptu Desings	M-ARCH-103612	4	-	T-ARCH-107346	Impromptu Desings	Examination of another kind	4
Architectural Core Competences (16 CP)							
Lecture series is mandatory. One module must be selected for each compulsory elective block							
Lecture Series	M-ARCH-105676	4	-	T-ARCH-111335	Lecture 1	completed coursework	2
				T-ARCH-111336	Lecture 2	completed coursework	2
Building and Structure	M-ARCH-105956	4	-	T-ARCH-112099	Building and Structure	Examination of another kind	4
Compulsory Elective Modules "Design, History, Art and Theory" (4 CP)							
Spatial Theory	M-ARCH-103629	4	-	T-ARCH-107371	Spatial Theory	Examination of another kind	4
Building Studies and Design	M-ARCH-103630	4	-	T-ARCH-107372	Building Studies and Design	Examination of another kind	4
Design Theory	M-ARCH-103631	4	-	T-ARCH-107373	Design Theory	Examination of another kind	4
Fine Arts	M-ARCH-103624	4	-	T-ARCH-107366	Fine Arts	Examination of another kind	4
Theory of Architecture	M-ARCH-103625	4	-	T-ARCH-107367	Theory of Architecture	Examination of another kind	4
Communication of Architecture	M-ARCH-103626	4	-	T-ARCH-107368	Communication of Architecture	Examination of another kind	4
Art History	M-ARCH-103627	4	-	T-ARCH-107369	Art History	Examination of another kind	4
History of Architecture	M-ARCH-105862	4	-	T-ARCH-111795	History of Architecture	Examination of another kind	4
History of Urban Planning	M-ARCH-105860	4	-	T-ARCH-111793	History of Urban Planning	Examination of another kind	4
Compulsory Elective Modules "Urban and Landscape Planning" (4 CP)							
Urban Typologies	M-ARCH-103632	4	-	T-ARCH-107374	Urban Typologies	Examination of another kind	4
Quarter Analysis	M-ARCH-103633	4	-	T-ARCH-107375	Quarter Analysis	Examination of another kind	4
International Urban Design	M-ARCH-103634	4	-	T-ARCH-107376	International Urban Design	Examination of another kind	4
City Theory	M-ARCH-103635	4	-	T-ARCH-107377	City Theory	Examination of another kind	4
Methods, Strategies and Mechanisms of Urban Design	M-ARCH-103670	4	-	T-ARCH-107411	Methods, Strategies and Mechanisms of Urban Design	Examination of another kind	4
Landscape Typologies	M-ARCH-103637	4	-	T-ARCH-107379	Landscape Typologies	Examination of another kind	4
History of Landscape Architecture	M-ARCH-103638	4	-	T-ARCH-107380	History of Landscape Architecture	Examination of another kind	4
Urban Design and Housing	M-ARCH-105563	4	-	T-ARCH-111167	Urban Design and Housing	Examination of another kind	4
Specialization (22 CP)							
The module "Research Fields" is mandatory, from the other modules four can be chosen. These can also come from the "Compulsory Elective Modules" of the field "Architectural Core Competences".							
Research fields	M-ARCH-103639	6	"Participation Doctoral Colloquium" and "Preparation Master's thesis" are compulsory, between the module components "research seminar" or "Independent Student Research Project" can be selected.	T-ARCH-107381	Research Seminar	Examination of another kind	4
				T-ARCH-107382	Independent Student Research Project	Examination of another kind	4
				T-ARCH-112875	Participation Doctoral Colloquium	completed coursework	0
				T-ARCH-107383	Preparation Master Thesis	completed coursework	2
Workshop Impromptu Desings	M-ARCH-104079	4	-	T-ARCH-108459	Workshop Impromptu Desings	Examination of another kind	4
Design to Built	M-ARCH-104514	4	-	T-ARCH-109244	Design to Built	Examination of another kind	4
Special Topics in Spatial Theory	M-ARCH-104074	4	-	T-ARCH-108453	Special Topics in Spatial Theory	Examination of another kind	4
Special Topics in Building Studies and Design	M-ARCH-104075	4	-	T-ARCH-108455	Special Topics in Building Studies and Design	Examination of another kind	4
Special Topics in Design Theory	M-ARCH-103640	4	-	T-ARCH-107384	Special Topics in Design Theory	Examination of another kind	4
Special Topics of Fine Arts 1	M-ARCH-103647	4	-	T-ARCH-107390	Special Topics of Fine Arts 1	Examination of another kind	4
Special Topics of Fine Arts 2	M-ARCH-103648	4	Successful completion of module "Special Topics of Fine Arts 1"	T-ARCH-107391	Special Topics of Fine Arts 2	Examination of another kind	4
Special Topics of Theory of Architecture 1	M-ARCH-103649	4	-	T-ARCH-107392	Special Topics of Theory of Architecture 1	Examination of another kind	4
Special Topics of Theory of Architecture 2	M-ARCH-103650	4	Successful completion of module "Special Topics of Theory of Architecture 1"	T-ARCH-107393	Special Topics of Theory of Architecture 2	Examination of another kind	4
Special Topics of Communication of Architecture	M-ARCH-103651	4	-	T-ARCH-107394	Special Topics of Communication of Architecture	Examination of another kind	4
Planning and Constructing	M-ARCH-104076	4	-	T-ARCH-108456	Planning and Constructing	Examination of another kind	4
Special Topics of Planning and Constructing	M-ARCH-103653	4	-	T-ARCH-107396	Special Topics of Planning and Constructing	Examination of another kind	4
Sustainability	M-ARCH-104078	4	-	T-ARCH-108458	Sustainability	Examination of another kind	4
Special Topics of Sustainability	M-ARCH-103687	4	-	T-ARCH-107435	Special Topics of Sustainability	Examination of another kind	4
Integral Planning	M-ARCH-103617	4	-	T-ARCH-107359	Integral Planning	Examination of another kind	4

STUDY STRUCTURE MASTER'S PROGRAM SPO2021							
Field title	Module ID	CP Module	Conditions / Prerequisites Module	Module Component ID	Module Component Title	Examination	CP Module Component
Specialization (22 CP)							
Virtual Engineering	M-ARCH-103618	4	-	T-ARCH-107360	Virtual Engineering	Examination of another kind	4
Special Topics of Building Lifecycle Management 1	M-ARCH-103654	4	-	T-ARCH-107397	Special Topics of Building Lifecycle Management 1	Examination of another kind	4
Special Topics of Building Lifecycle Management 2	M-ARCH-103655	4	Successful completion of module "Special Topics of Building Lifecycle Management 1"	T-ARCH-107398	Special Topics of Building Lifecycle Management 2	Examination of another kind	4
Detailed Topics of Building Lifecycle Management	M-ARCH-103656	4	-	T-ARCH-107399	Detailed Topics of Building Lifecycle Management	Examination of another kind	4
Special Topics of Structural Design	M-ARCH-103658	4	-	T-ARCH-107401	Special Topics of Structural Design	Examination of another kind	4
Baustoffe und materialgerechte Konstruktionen des Holzbaus	M-ARCH-106916	4	-	T-ARCH-113853	Baustoffe und materialgerechte	Examination of another kind	4
Interdisciplinary Design of Timber Structures	M-ARCH-106126	4	-	T-ARCH-112497	Interdisciplinary Design of Timber Structures	Examination of another kind	4
Interdisciplinary Design of Steel Structures	M-ARCH-106915	4	-	T-ARCH-113852	Interdisciplinary Design of Steel Structures	Examination of another kind	4
Special Topics of Sustainable Timber Construction	M-ARCH-107591	4	-	T-ARCH-114866	Special Topics of Sustainable Timber Construction	Examination of another kind	4
Technologies for Climate-Friendly Buildings and Urban Districts	M-ARCH-107593	4	-	T-ARCH-114868	Technologies for Climate-Friendly Buildings and Urban Districts	Examination of another kind	4
Performance Analysis for Buildings	M-ARCH-103620	4	-	T-ARCH-107362	Performance Analysis for Buildings	Examination of another kind	4
Planning and Building with Light	M-ARCH-103621	4	-	T-ARCH-107363	Planning and Building with Light	Examination of another kind	4
Special Topics of Building Physics	M-ARCH-105680	4	Two of the four parts have to be selected.	T-ARCH-111337	Indoor Lighting Technology and Concepts	Oral Exam	2
				T-ARCH-111338	Energy and Indoor Climate Concepts	Oral Exam	2
				T-ARCH-111339	Fire Protection in Planning and Realisation	Oral Exam	2
				T-ARCH-111340	Sound Insulation and Acoustics	Oral Exam	2
Digital Design and Fabrication	M-ARCH-105857	4	-	T-ARCH-111790	Digital Design and Fabrication	Examination of another kind	4
Special Topics of Digital Design and Fabrication	M-ARCH-105858	4	-	T-ARCH-111791	Special Topics of Digital Design and Fabrication	Examination of another kind	4
Special Topics of Building Technology	M-ARCH-103652	4	-	T-ARCH-107395	Special Topics of Building Technology	Examination of another kind	4
Professional Detailed Planning	M-ARCH-103659	4	-	T-ARCH-107402	Professional Detailed Planning	Schriftliche Prüfung	4
Project Management	M-ARCH-105957	4	-	T-ARCH-112102	Project Management	Examination of another kind	4
Special Topics of Urban Design	M-ARCH-103668	4	-	T-ARCH-107409	Special Topics of Urban Design	Examination of another kind	4
Special Topics of Urban Design 2	M-ARCH-105859	4	-	T-ARCH-111792	Special Topics of Urban Design 2	Examination of another kind	4
Special Topics of Urban Design - workshop	M-ARCH-103974	4	-	T-ARCH-108190	Special Topics of Urban Design - workshop	Examination of another kind	4
Special Topics of construction planning law	M-ARCH-103688	4	-	T-ARCH-107436	Special Topics of construction planning law	Examination of another kind	4
Public Building Law	M-ARCH-103671	4	-	T-ARCH-107412	Public Building Law	Examination of another kind	4
Special Topics of Art History 1	M-ARCH-103672	4	-	T-ARCH-107413	Special Topics of Art History 1	Examination of another kind	4
Special Topics of Art History 2	M-ARCH-103673	4	Successful completion of module "Special Topics of Art History 1"	T-ARCH-107414	Special Topics of Art History 2	Examination of another kind	4
Special Topics of History of Architecture	M-ARCH-105863	4	-	T-ARCH-111796	Special Topics of History of Architecture	Examination of another kind	4
Special Topics History of Urban Planning	M-ARCH-105861	4	-	T-ARCH-111794	Special Topics of History of Urban Planning	Examination of another kind	4
Historical Building Research	M-ARCH-103676	4	-	T-ARCH-107417	Historical Building Research	Examination of another kind	4
Adaptive Reuse	M-ARCH-105680	4	-	T-ARCH-111341	Adaptive Reuse	Examination of another kind	4
Structural Analysis	M-ARCH-106128	4	-	T-ARCH-112499	Structural Analysis	Examination of another kind	4
Photogrammetry of Architecture	M-BGU-104001	4	-	T-BGU-108204	Photogrammetry of Architecture	Examination of another kind	4
Interdisciplinary Qualifications (6 CP)							
Seminar week is mandatory The module examinations amount to 86 LP.							
Key Qualifications	M-ARCH-105682	6	The "Seminar Week" module component is required; for the remaining module components, students may choose.	T-ARCH-111342	Seminar Week	completed coursework	2
				T-ARCH-111775	Self Assignment HoC-ZAK-SpZ 1-3 not graded	completed coursework	2
				T-ARCH-111778	Self Assignment HoC-ZAK-SpZ 4-6 graded	completed coursework	2
				T-ARCH-107422	Basic Course Photo Study Workshop	completed coursework	4
				T-ARCH-107423	Basic Course Modell Study Workshop	completed coursework	2
				T-ARCH-109969	Office Hospitation	completed coursework	2
				T-ARCH-109978	Visit lecture series Master	completed coursework	1
T-ARCH-107420	Wildcard	completed coursework	4				
Master's Thesis (30 CP)							
The module examinations amount to 86 LP.							
Module Master's Thesis	M-ARCH-103607	30	The module examinations amount to 86 LP.	T-ARCH-107261	Master's Thesis	Masterarbeit mit Präsentation	30

2 Study Program Structure

Mandatory	
Master's Thesis	30 CP
Designing	46 CP
Architectural Core Competences from 01.04.2022	16 CP
Specialization	22 CP
Interdisciplinary Qualifications	6 CP

2.1 Master's Thesis

Credits
30

Mandatory				
M-ARCH-105693	Master's Thesis	DE/EN	WS+SS	30 CP

2.2 Designing

Credits
46

Mandatory				
M-ARCH-105670	Building Design Project	DE/EN	WS+SS	14 CP
M-ARCH-105671	Urban Design Project	DE/EN	WS+SS	14 CP
M-ARCH-105672	Design Project	DE/EN	WS+SS	14 CP
M-ARCH-103612	Impromptu Designs	DE/EN	WS+SS	4 CP

2.3 Architectural Core Competences from 01.04.2022

Credits
16

Mandatory				
M-ARCH-105676	Lecture Series	DE/EN	WS+SS	4 CP
M-ARCH-105956	Building and Structure	DE/EN	WS+SS	4 CP
Compulsory Elective Subject "Designing, History, Art and Theory" (Election: 1 item)				
M-ARCH-103629	Spatial Theory	DE/EN	SS	4 CP
M-ARCH-103630	Building Studies and Design	DE/EN	WS	4 CP
M-ARCH-103631	Design Theory	DE/EN	WS+SS	4 CP
M-ARCH-103624	Fine Arts	DE/EN	WS+SS	4 CP
M-ARCH-103625	Theory of Architecture	DE/EN	WS+SS	4 CP
M-ARCH-103627	Art History	DE/EN	WS+SS	4 CP
M-ARCH-103626	Communication of Architecture	DE/EN	WS+SS	4 CP
M-ARCH-105862	History of Architecture	DE/EN	WS+SS	4 CP
M-ARCH-105860	History of Urban Planning	DE/EN	WS+SS	4 CP
Compulsory Elective Subject "Urban- and Landscape Planning" (Election: 1 item)				
M-ARCH-103632	Urban Typologies	DE/EN	SS	4 CP
M-ARCH-103633	Quarter Analysis	DE/EN	WS	4 CP
M-ARCH-103634	International Urban Design	DE/EN	WS	4 CP
M-ARCH-103635	City Theory	DE/EN	SS	4 CP
M-ARCH-103670	Methods, Strategies and Mechanisms of Urban Design	DE/EN	WS	4 CP
M-ARCH-103637	Landscape Typologies	DE/EN	SS	4 CP
M-ARCH-103638	History of Landscape Architecture	DE/EN	WS	4 CP
M-ARCH-105563	Urban Design and Housing	DE/EN	WS+SS	4 CP

2.4 Specialization

Credits

22

Mandatory				
M-ARCH-103639	Research Fields	DE/EN	WS+SS	6 CP
Compulsory Elective Subject Specialization (Election: 4 items)				
M-ARCH-104079	Workshop Impromptu Designs	DE/EN	WS+SS	4 CP
M-ARCH-104514	Design to Built	DE/EN	WS+SS	4 CP
M-ARCH-104074	Special Topics in Spatial Theory	DE/EN	Irreg.	4 CP
M-ARCH-104075	Special Topics in Building Studies and Design	DE/EN	Irreg.	4 CP
M-ARCH-103640	Special Topics of Design Theory	DE/EN	Irreg.	4 CP
M-ARCH-103647	Special Topics of Fine Arts 1	DE/EN	WS+SS	4 CP
M-ARCH-103648	Special Topics of Fine Arts 2	DE/EN	WS+SS	4 CP
M-ARCH-103649	Special Topics of Theory of Architecture 1	DE/EN	WS+SS	4 CP
M-ARCH-103650	Special Topics of Theory of Architecture 2	DE/EN	WS+SS	4 CP
M-ARCH-103651	Special Topics of Communication of Architecture	DE/EN	WS+SS	4 CP
M-ARCH-104076	Planning and Constructing	DE/EN	WS+SS	4 CP
M-ARCH-103653	Special Topics of Planning and Constructing	DE/EN	WS	4 CP
M-ARCH-104078	Sustainability	DE/EN	SS	4 CP
M-ARCH-103687	Special Topics of Sustainability	DE/EN	WS+SS	4 CP
M-ARCH-103617	Integral Planning	DE/EN	WS	4 CP
M-ARCH-103618	Virtual Engineering	DE/EN	SS	4 CP
M-ARCH-103654	Special Topics of Building Lifecycle Management 1	DE/EN	WS+SS	4 CP
M-ARCH-103655	Special Topics of Building Lifecycle Management 2	DE/EN	WS+SS	4 CP
M-ARCH-103656	Detailed Topics of Building Lifecycle Management	DE/EN	Irreg.	4 CP
M-ARCH-103658	Special Topics of Structural Design	DE/EN	SS	4 CP
M-ARCH-106916	Timber Structures: Materials and Appropriate Design	DE	SS	4 CP
M-ARCH-106126	Interdisciplinary Design of Timber Structures	DE	SS	4 CP
M-ARCH-106915	Interdisciplinary Design of Steel Structures	DE	WS	4 CP
M-ARCH-107591	Special Topics of Sustainable Timber Construction	DE/EN	SS	4 CP
M-ARCH-107593	Technologies for Climate-Friendly Buildings and Urban Districts	DE/EN	WS+SS	4 CP
M-ARCH-103620	Performance Analysis for Buildings	DE/EN	WS	4 CP
M-ARCH-103621	Planning and Building with Light	DE/EN	SS	4 CP
M-ARCH-105680	Special Topics of Building Physics	DE/EN	WS+SS	4 CP
M-ARCH-105857	Digital Design and Fabrication	DE/EN	WS+SS	4 CP
M-ARCH-105858	Selected Topics of Digital Design and Fabrication	DE/EN	WS+SS	4 CP
M-ARCH-103652	Special Topics of Building Technology	DE/EN	Irreg.	4 CP
M-ARCH-103659	Professional Detailed Planning	DE	SS	4 CP
M-ARCH-105957	Project Management	DE/EN	SS	4 CP
M-ARCH-103668	Special Topics of Urban Design	DE/EN	WS+SS	4 CP
M-ARCH-105859	Special Topics of Urban Design 2	DE/EN	WS+SS	4 CP
M-ARCH-103974	Special Topics of Urban Design - Workshop	DE/EN	Irreg.	4 CP
M-ARCH-103671	Public Building Law	DE	SS	4 CP
M-ARCH-103688	Special Topics of Construction Planning Law	DE/EN	WS	4 CP
M-ARCH-103672	Special Topics of Art History 1	DE/EN	WS+SS	4 CP
M-ARCH-103673	Special Topics of Art History 2	DE/EN	WS+SS	4 CP
M-ARCH-105863	Special Topics of History of Architecture	DE/EN	WS+SS	4 CP
M-ARCH-105861	Special Topics of History of Urban Planning	DE/EN	WS+SS	4 CP
M-ARCH-103676	Historical Building Research	DE	WS+SS	4 CP
M-ARCH-105681	Adaptive Reuse	DE	Irreg.	4 CP
M-ARCH-106128	Structural Analysis	DE/EN	WS+SS	4 CP
M-BGU-104001	Photogrammetry for Architects	DE	WS+SS	4 CP
M-ARCH-103629	Spatial Theory	DE/EN	SS	4 CP

M-ARCH-103630	Building Studies and Design	DE/EN	WS	4 CP
M-ARCH-103624	Fine Arts	DE/EN	WS+SS	4 CP
M-ARCH-103631	Design Theory	DE/EN	WS+SS	4 CP
M-ARCH-103625	Theory of Architecture	DE/EN	WS+SS	4 CP
M-ARCH-103626	Communication of Architecture	DE/EN	WS+SS	4 CP
M-ARCH-103627	Art History	DE/EN	WS+SS	4 CP
M-ARCH-105862	History of Architecture	DE/EN	WS+SS	4 CP
M-ARCH-105860	History of Urban Planning	DE/EN	WS+SS	4 CP
M-ARCH-103632	Urban Typologies	DE/EN	SS	4 CP
M-ARCH-103633	Quarter Analysis	DE/EN	WS	4 CP
M-ARCH-103634	International Urban Design	DE/EN	WS	4 CP
M-ARCH-103635	City Theory	DE/EN	SS	4 CP
M-ARCH-103670	Methods, Strategies and Mechanisms of Urban Design	DE/EN	WS	4 CP
M-ARCH-103637	Landscape Typologies	DE/EN	SS	4 CP
M-ARCH-103638	History of Landscape Architecture	DE/EN	WS	4 CP
M-ARCH-105563	Urban Design and Housing	DE/EN	WS+SS	4 CP

2.5 Interdisciplinary Qualifications

Credits

6

Mandatory				
M-ARCH-105682	Key Qualifications	DE/EN	WS+SS	6 CP

3 Modules

M

3.1 Module: Adaptive Reuse [M-ARCH-105681]

Coordinators: Dr. Anette Busse

Organisation: KIT Department of Architecture

Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Irregular	1 term	German	4	1

Mandatory			
T-ARCH-111341	Adaptive Reuse	4 CP	Busse

Assessment

Other examination requirements consisting of a homework with written and drawing part, in the extent of max. 30 A4 pages, which is to be presented orally in the extent of max. 30 minutes. The project work is carried out in individual work during the module. The choice of topic is to be clarified and bindingly agreed with the examiner at the beginning of the work.

Prerequisites

None

Competence Goal

Students:

- are able to choose a suitable specialization based on a selected project.
- are able to apply methodological principles, i.e. analyze, evaluate and interpret.
- are able to recognize the value of built structures as a historical testimony of time and to use them as a basis for planning.
- are able to analyze built projects, i.e. to understand, describe and justify the design, the constructive implementation and materialization and to comprehensively assess and classify them with regard to architectural conception, realization and constructive implementation.
- are able to name the material and constructional fundamentals and are able to objectively grasp the connection between functional and formal ideas in the change of built structures.
- are able to differentiate the terms, contents and characteristics of the architectural style epochs, to name them and to classify them architecturally as well as chronologically.
- are able to consciously design transformation, with the imparted methodical knowledge about the different strategies, to shape the building stock and to determine the interventions and their form.
- can interpret and further develop the building stock as the evolved identity of the site in an appropriate form.
- can apply economic and ecological evaluation criteria.
- can prepare feasibility studies and thus further develop projects by proposing uses.
- possess the ability to work scientifically independently, can conduct research on a selected project and are able to develop their own position on the subject and present this expertise in an appropriate form.

Content

The further development of existing building fabric is treated in the overview of building historical development. The most important cultural-historical and architectural-historical terminologies and cultural-historical methods of analysis and interpretation are elaborated and applied on the basis of selected historical buildings.

The approach is based on the graphic analysis of relevant reference objects, including the presentation of the essential linguistic vocabulary as well as the presentation of different design approaches and design processes. These are located in the cultural, social and technological context and supplemented by a qualitative and quantitative analysis of the context. The use and program definitions of an existing place (existing object) are strategically recorded as part of the design in terms of form, function, material and construction technology and prepared in such a way that this becomes readable and interpretable for the design process. Appropriate strategies for building in existing contexts are developed in relation to structural (typological), ecological, social, economic, infrastructural and cultural fields of action.

Through the teaching of precise recording methods (not only in the measurement) and far-reaching analyses of the existing building stock, which encompasses all levels of spatial, constructive and energetic issues, the foundations are laid for the further development of the existing building stock. In the combination of program and design, a new identity is sought in connection with the existing.

Questions of appropriateness are addressed, which depend on a variety of factors, e.g. coming from the existing building stock and the general conditions, as well as from the objectives, which are always reassessed and sounded out for the respective project, since the built environment usually consists of prototypes. These are dealt with in the concrete examples.

Module Grade Calculation

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

Workload

In-class time: Seminar / Tutorials 30 h

Self-study components: preparing/follow-up work, project work 60 h

Recommendations

Knowledge of basic building history is recommended.

M

3.2 Module: Art History [M-ARCH-103627]**Coordinators:** Studiendekan/in Kunstgeschichte**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Designing, History, Art and Theory"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-107369	Art History	4 CP	Kunstgeschichte

Assessment

Other examination requirements consisting of an oral exam (qualified discussion contributions, oral talk or an oral exam of approx. 15 minutes duration) and a written paper encompassing approx. 20 pages.

Prerequisites

None

Competence Goal

The students:

- are able to deal with a chosen art historical topic in a proper, scientific manner, can work out their own individual questions and topic enquiries and are capable of presenting their work results in the form of a presentation and a discussion.

Content

Taught and learned is basic fundamental knowledge on a select topic of either medieval, early modern or modern art history.

Module Grade Calculation

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

Additional Information

Every semester several courses are offered for this module with changing topics. In this module only one of the courses can be chosen.

Workload

In-class time: Seminar 30 h

Self-study: Preparation/follow-up, written paper/project 90 h

Recommendations

Attending at least one lecture "Art History".

M

3.3 Module: Building and Structure [M-ARCH-105956]

Coordinators: Prof. Dr.-Ing. Riccardo La Magna
Organisation: KIT Department of Architecture
Part of: [Architectural Core Competences from 01.04.2022 \(mandatory\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-112099	Building and Structure	4 CP	La Magna

Assessment

Other examination requirement consisting of the unsupervised structural design of an architectural design project. Working on the structural design of a project occurs individually or in groups during the semester. The final delivery consists of an information document summarising specific structural aspects of the architectural projects, ranging from presentation of plans, choice of building material, idealization of the structural system, description of load-bearing mechanism up to the development of at least one representative constructive detail.

Competence Goal

The students:

- have deepened their knowledge of various different supporting structure principles and can apply it.
- recognize the relationship between supporting structure, the choice of materials used, building constructive details and architectural design results and understand that the supporting structure design is an integral part of the design as a whole.
- can select various different support systems with a view to materials, function and design and can integrate the support structure design successfully into their design process.
- are able to present and talk about the results in a clear and understandable manner.

Content

In this module, the constructive and functional principles of structural design are examined in detail, especially in relationship to typical construction materials such as timber, steel and concrete. In addition, special structural typologies (shells, membranes) and their load-bearing mechanisms will be studied and analysed. The focus of the module is set on the analysis of construction principles and their relationship to the associated load-bearing mechanisms. Aim of the module is to develop a thorough understanding of the interplay between structural system, choice of material and constructive detailing, and to provide a solid background knowledge to support the development of project ideas also from the viewpoint of structural design.

Module Grade Calculation

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

Workload

In-class time: Seminar 30 h

Self-study: Project work 90 h

M

3.4 Module: Building Design Project [M-ARCH-105670]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [Designing](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
14 CP	graded	Each term	1 term	German/English	4	2

Mandatory			
T-ARCH-107445	Design Project 1	12 CP	Architektur
T-ARCH-112107	Design Specialization	2 CP	Architektur

Assessment

Other examination requirements consisting of two parts:

1. An architectural design draft that is produced during the semester. Working on the design task is done, as a rule, individually; there are regular supervisions resp. corrections that take place. The progress monitoring occurs during the study course within the framework of one or more intermediate presentations as well as a final presentation. Here the produced results are portrayed and assessed in the form of drawings, models (analog and/or digital), texts and talks. The duration of the presentation is approx. 20 minutes per project.
2. performance during the semester for theoretical or practical consolidation of the design topic, as a rule, of a project work with drawings whose scope depends on the respective task assigned or of an oral talk of approx. 15 minutes duration and a written paper on it encompassing approx. 20 pages or an equivalent assessment which has to be coordinated with the examiner.

Prerequisites

none

Competence Goal

The students:

- can formulate original ideas and concepts as well as being able to develop design-oriented approaches as well as strategies based on these. They are capable of transferring the design draft concept consequently into an architectural work within the framework of a structured design process, all based on multilayered parameters such as contextual, programmatic, formalized and spatial effects etc.
- have the ability to continuously develop and sharpen the original concept within the drafting process; during this drafting process they are also able to develop variants and can compare and assess these.
- can draw in a design-sure manner from the pool of architectural elements, spatial and programmatic strategies as well as constructive and static implications that they have amassed during their studies.
- can use, modify and continuously develop these for their own design projects.
- have at their command the necessary knowledge regarding construction, supporting structures and integrated building technology, accessibility, planning methods, in proportion, atmosphere and type studies and are able to integrate all of these aspects into their design.
- are able to, based on the task given, select the necessary degree of detail as well as the fitting presentation and visualization technique, work these out and to thereby develop an individualized, concise and understandable language for the architectural presentation as a drawing, an image and a model.
- are able to, based on the task given, select the necessary degree of detail as well as the fitting presentation and visualization technique, work these out and to thereby develop an individualized, concise and understandable language for the architectural presentation as a drawing, an image and a model.
- know the methods, requirements and ways of thinking of the various different disciplines and are able to apply these.
- are able to work independently and in a set time period on a problem from the discipline that they have chosen regarding their design specialization project according to scientific, design-related, constructive-technical, theoretic-historical, urban planning, organizational and drafting process methods that they have acquired during their studies.
- are able to present and talk about the results in a clear and understandable manner.

Content

Based on the learned basics of the Bachelor's program, within the module "Building Construction Design 1" further knowledge on architectural design based on changing complex design projects is imparted. The tasks being worked on are usually formulated in an open manner and require research as well as original architectural thought as a basis for the concept development. The applied methods encompass the analysis of spatial and thematic contexts, the development of an architectural concept based on various different scale levels whilst taking into account the spatial, functional and constructive structure in dependence of the materialization, theme and typology. The communication of the results includes the choice of the fitting presentation technique going from the conceptual draft to plans all the way to analog or digitally generated models. The independent detailed working on of the supervised design project includes applying the knowledge and competencies that come from all areas of architectural studies.

The design specialization can have a building planning, theoretical, digital or building technical focus. It is always an accompanying course to a building construction or urban construction design and can be taken with the examiner of the design or with another examiner. In various different course formats (workshops, seminars, lectures, tutorials) knowledge, methods, strategies and (digital) design tools are taught which are based on the respective design topics.

Module Grade Calculation

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

Additional Information

With a mandatory excursion.

Design project and design specialization must be connected in terms of content and completed in the same semester.

Workload

In-class time: Supervision/presentations 90 h

Self-study components: Development of an architectural design and design specialization 330 h

M

3.5 Module: Building Studies and Design [M-ARCH-103630]**Coordinators:** Prof. Stéphanie Bru**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Designing, History, Art and Theory"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each winter term	1 term	German/English	4	1

Mandatory			
T-ARCH-107372	Building Studies and Design	4 CP	Bru

Assessment

Other examination requirements consisting of a tutorial, model or picture as well as, if necessary, model-related construction tasks taking place during the semester.

Prerequisites

None

Competence Goal

The students:

- know about in-depth topics from the fields within Building Studies (structure, typology and space).
- can, based on scientific research, record and analyze the complex architectural relationships.
- are capable of working out the processes, insights and content-related results in a clearly understandable manner and to present these professionally and according to the standards of the discipline.

Content

The topic is the in-depth dealing with various different types of buildings within the field of architecture. Based on research, analyses or tutorials the thematic contents are scientifically researched and worked on. In the foreground there is a focus on thinking architecture in a holistic manner. Contents and results are documented through texts, drawings, plans, pictures and/or models.

Module Grade Calculation

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

Additional Information

If necessary with an excursion.

Workload

In-class time: Seminar 30 h

Self-study: Preparation/follow-up, written paper/project 90 h

M

3.6 Module: City Theory [M-ARCH-103635]**Coordinators:** Prof. Dr.-Ing. Barbara Engel**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Urban- and Landscape Planning"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each summer term	1 term	German/English	4	1

Mandatory			
T-ARCH-107377	City Theory	4 CP	Engel

Assessment

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

Prerequisites

None

Competence Goal

The students:

- have knowledge of the current urban planning discourses, conditions and tendencies of the current debate going on with regard to urban development. They understand the manifold roles of planning and planners within society.
- have the ability to critically analyze and reflect on conceptual urban models and strategies and can use these for the problems facing today's urban planning world.
- can, based on various different historical and contemporary understandings of space as social space, built-up space and free space, formulate the requirements regarding the development of urban spaces.
- are capable of working independently in a scientific manner and are able to work out their own position to a topic and to be able to present this specialized knowledge within a fitting framework.

Content

The focus of the urban theory seminar is on dealing with processes and debates which are going on in the backdrop behind the spatial phenomena and developments that are taking place. In this seminar the knowledge of various different planning processes and methods, participation as well as democracy regarding planning in local and/or international contexts is taught and critically evaluated.

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

3.7 Module: Communication of Architecture [M-ARCH-103626]**Coordinators:** Prof. Dr. Riklef Rambow**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Designing, History, Art and Theory"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-107368	Communication of Architecture	4 CP	Rambow

Assessment

Other examination requirements consisting of a presentation lasting 30 minutes within the framework of the course and a written composition encompassing approx. 15 pages.

Prerequisites

None

Competence Goal

The students:

- can recognize and analyze communication needs in an important application area of architectural communication, can name and define target groups in order to be able to develop an effective method of mediation on this basis.
- can name and select fitting media and instruments.
- are able to research and assess the most important prerequisites in order to align the measures being implemented with these.
- know the most important forms of portrayal and presentation of communication concepts and can competently implement and design these in order to win over potential clients and financial lending institutions for their projects.
- can work in a self-organized, reflected and goal-oriented manner.
- have the competency to organize themselves in teams, to define sub-tasks and to assign these, to be able to recognize the various different skills and abilities of the team members and to be able to implement these in a targeted manner in order to achieve the best result possible.

Content

Based on a selected, central area of application of architecture communication (e.g. architectural exhibitions, mediating institutions, participative planning procedures, architectural journalism and criticism, architecture in film and television) basic fundamental theories, research techniques and scientific processes for the systematic acquiring of knowledge are presented and practiced. Based on a well-founded overview of the current status of the problems being focused on, contextual conditions and solution approaches within the chosen field of practice, the participants develop and formulate an exemplary individual conceptual strategy which is presented and discussed in the seminar. For this, if possible, current realistic and practice-relevant contexts are selected. Based on these examples, the social relevance of architecture and building culture is made clear and the relationship between planning processes and results is discussed.

Module Grade Calculation

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

Workload

In-class time: Seminar 60 h

Self-study: Preparation/follow-up, written paper/project 60 h

M

3.8 Module: Design Project [M-ARCH-105672]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [Designing](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
14 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-107344	Design Project 2	12 CP	Architektur
T-ARCH-111329	Free Design Specialization	2 CP	Architektur

Assessment

Other examination requirements consisting of two parts:

1. an architectural or urban design draft that is produced during the semester. Working on the design task is done, as a rule, individually; there are regular supervisions resp. corrections that take place. The progress monitoring occurs during the study course within the framework of one or more intermediate presentations as well as a final presentation. Here the produced results are portrayed and assessed in the form of drawings, models (analog and/or digital), texts and talks. The duration of the presentation is approx. 20 minutes per project.

2. performance during the semester for theoretical or practical consolidation of the design topic, as a rule, of a project work with drawings whose scope depends on the respective task assigned or of an oral talk of approx. 15 minutes duration and a written paper on it encompassing approx. 20 pages or an equivalent assessment which has to be coordinated with the examiner.

Competence Goal

The students:

- can formulate original ideas and concepts as well as being able to develop design-related strategies based on these.
- can analyze and understand situations and tasks assigned that involve a high complexity level within an urban context.
- are able to transfer the design concept consequently into an architectural work or an urban design project within the framework of a structured design process based on multifaceted parameters such as context, program, formal and spatial effects etc. Thereby they have the ability to continuously develop the original concept within a draft process, can formulate the architectural ideas being implemented in a well-founded manner, can work out variants during the design process as well as being able to compare and assess these. In addition, they have the capability of being able to include manifold criteria from urban planning, ecology and economics as well as taking into account the socio-cultural and historic contexts.
- can draw in a design-sure manner from the pool of architectural elements, spatial and programmatic strategies as well as constructive and static implications that they have amassed during their studies; they can properly apply, modify and continuously develop these for their own design project.
- have at their command the necessary knowledge regarding construction, supporting structures and integrated building technology, accessibility, planning methods, in proportion, atmosphere and type studies and are able to integrate all of these aspects into their design.
- are able to, based on the task given, select the necessary degree of detail as well as the fitting presentation and visualization technique, work these out and to thereby develop an individualized, concise and understandable language for the architectural presentation as a drawing, an image and a model.
- know the methods, requirements and ways of thinking of the various different disciplines and are able to apply these.
- are able to work independently and in a set time period on a problem from the discipline that they have chosen regarding their design specialization project according to scientific, design-related, constructive-technical, theoretic-historical, urban planning, organizational and drafting process methods that they have acquired during their studies.

Content

In this module further knowledge on architectural design or urban planning design based on changing highly complex design projects is imparted. The tasks being worked on are usually formulated in an open manner and require research as well as original architectural thought as a basis for the concept development as well as dealing critically with the corresponding urban planning or landscape-related context. The applied methods encompass the analysis of spatial and thematic contexts, the development of an architectural or urban planning design concept based on various different scale levels whilst taking into account the spatial, functional and constructive structure in dependence of the materialization, theme and typology. The communication of the results includes the choice of the fitting presentation technique going from the conceptual draft to plans all the way to analog or digitally generated models. The independent detailed working on of the supervised design project includes applying the knowledge and competencies that come from all areas of architectural studies.

The design specialization can have a building planning, theoretical, digital, urban or building technical focus. It is always an accompanying course to a building construction or urban construction design and can be taken with the examiner of the design or with another examiner. In various different course formats (workshops, seminars, lectures, tutorials) knowledge, methods, strategies and (digital) design tools are taught which are based on the respective design topics.

Module Grade Calculation

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

Additional Information

With a mandatory excursion.

Design project and design specialization must be connected in terms of content and completed in the same semester.

Workload

In-class time: Supervision/presentations 90 h

Self-study components: Development of an architectural design and design specialization 330 h

M

3.9 Module: Design Theory [M-ARCH-103631]**Coordinators:** Prof. Simon Hartmann**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Designing, History, Art and Theory"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-107373	Design Theory	4 CP	Hartmann

Assessment

Other examination requirements consisting of a written paper on the contents of the seminar encompassing approx. 20 pages and of an oral test (qualified discussion contributions, oral presentation or an oral exam lasting for about 15 minutes).

Prerequisites

None

Competence Goal

The students:

- have the ability of understanding elements that occur and questions posed which accompany the design creation process.
- have the ability of coming up with a thesis within the field of architecture and to work on this in a written, scientifically well-founded manner.

Content

Course within the field of Architectural Thought. The courses are meant to ensure that the elements that occur and the questions that are posed during the design creation process are made understandable. Here, with this, the attempt is made to give the students a number of relevant tools with which they can work with. The requirement scope includes a written paper on one of the aspects that is a topic within the courses given.

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

M

3.10 Module: Design to Built [M-ARCH-104514]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits
4 CP

Grading
graded

Recurrence
Each term

Duration
1 term

Language
German/English

Level
4

Version
1

Mandatory			
T-ARCH-109244	Design to Built	4 CP	Architektur

Assessment

Examination of a different kind consisting of the creation of an implementation plan for an existing project and the realization on a scale of 1:5 to 1:1. Usually group work, the share of the individual participants must be clearly recognizable.

Prerequisites

none

Competence Goal

The students:

- are able to work out a self-designed project in such a way that it can be realized as a whole or a part or detail, using their own resources.
- have the manual skills to create a 1:5 to 1:1 scale model of their project or part/detail of the project.
- can determine the materials for this model in terms of financial, technical and design requirements and possibilities.
- can find suitable solutions in a team and contribute to them according to their abilities.

Content

In the course, projects on a scale of 1:5 to 1:1 are realized or built as a model. For this purpose, the existing design is further elaborated with regard to feasibility (e.g. choice of materials, joining, etc.), the materials are procured and the model is built. This is usually done in groups and either after completion of the design/project or parallel to it.

Module Grade Calculation

The module grade is the grade of the other type of examination.

Workload

Attendance time: Supervision 15 h

Self-study: elaboration and model making 105 h

M

3.11 Module: Detailed Topics of Building Lifecycle Management [M-ARCH-103656]

Coordinators: Prof. Dr.-Ing. Petra von Both
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Irregular	1 term	German/English	4	1

Mandatory			
T-ARCH-107399	Detailed Topics of Building Lifecycle Management	4 CP	von Both

Assessment

The other type of examination consists of the preparation of a written/drawing paper of approx. 20 pages. There is also a 15-minute presentation and discussion of the results.

Prerequisites

None

Competence Goal

The students:

- know selected technical contents, methods, tools or technologies of Building Lifecycle Management and the principles behind them.
- are able to critically assess the knowledge, methods and technologies taught in the course and apply them in a problem-oriented manner.
- have basic practical experience in the application of the content, methods, tools or technologies taught.

Content

This course delves into various aspects of building lifecycle management and refers to current trends and requirements. In this module, students are taught methodological and/or technical knowledge on selected current topics of Building Lifecycle Management.

Workload

Attendance time: Seminar 60 h

Self-study: preparation/follow-up, homework/project work 60 h

M

3.12 Module: Digital Design and Fabrication [M-ARCH-105857]**Coordinators:** Prof. Moritz Dörstelmann**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)**Credits**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
1

Mandatory			
T-ARCH-111790	Digital Design and Fabrication	4 CP	Dörstelmann

Assessment

Other examination requirements based on a final presentation.

Prerequisites

none

Competence Goal

The students:

- are familiar with basic concepts, theory and history of digital tools in architecture;
- can keep up with future developments in digital tools through independent learning;
- are able to use the newly-gained knowledge about digital design and manufacturing technologies for the conception of circular construction methods that respond to future challenges
- have developed a material and process-specific construction and design repertoire through computational design tools;
- are able to identify future fields of application of digital design and fabrication processes in architecture and are able to formulate further research questions;
- can assess the architectural and construction potential of digital fabrication processes and can identify technical obstacles and necessary resources for their implementation;
- are able to conceptualise, implement and reflect on the use of digital design tools in design practice.

Content

The course conveys digital design and production methods at the intersection of research and teaching as enabling technology for circular construction methods. Reciprocities of design and construction-relevant parameters are identified and utilized as design drivers in explorative computational design tools.

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

3.13 Module: Fine Arts [M-ARCH-103624]**Coordinators:** Prof. Stephen Craig**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Designing, History, Art and Theory"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-107366	Fine Arts	4 CP	Craig

Assessment

Other examination requirements consisting of handing in and presenting semester works in the form of pictures or sculptures. Mandatory and a prerequisite is the regular participation in class.

Prerequisites

None

Competence Goal

The students:

- can work on a topic in a conceptual manner with the goal of setting up their own thesis and then realizing this within the scope of a free work of art.
- are able to develop an individual position and to formulate it as well as being able to discuss and argue the topic.
- are able to critically assess, to question and to come to comparative conclusions.
- have sensitized their perception and have developed their creative potential.
- can hold a presentation in front of a group.

Content

At the start observing, perceiving and questioning in a targeted manner that what is perceived plus the intense dealing with the topic builds the basis for the design process as a whole. The insights made from this are analyzed, interpreted and formulated into one's own statement. After the students have found their topic, their concept, they work on it as an own free work of art. Thereby they learn which means and forms are the right ones for how they want to express themselves.

Module Grade Calculation

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

Additional Information

Every semester several courses are offered for this module with changing topics. In this module only one of the courses can be chosen.

Workload

In-class time: Seminar, tutorials 45 h

Self-study: Project work 75 h

M

3.14 Module: Historical Building Research [M-ARCH-103676]

Coordinators: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German	4	1

Mandatory			
T-ARCH-107417	Historical Building Research	4 CP	Medina Warmburg

Assessment

The other type of examination comprises the measurement of a building including the preparation of a set of plans, its graphic design and preparation, the scientific analysis and interpretation of a complex building finding as well as the oral and written/drawn presentation of the observations on the history of the building and its use during a final colloquium/presentation.

Prerequisites

None

Competence Goal

The students:

- are able to apply and combine different methods of form-appropriate building recording, building documentation and to analyze, interpret and present the observed findings.

Content

Preparation of a building survey that meets all scientific requirements in terms of accuracy and informative value.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Workload

Attendance time: Exercise 60 h

Self-study: Preparation/follow-up, project work 60 h

M

3.15 Module: History of Architecture [M-ARCH-105862]**Coordinators:** Prof. Dr.-Ing. Joaquín Medina Warmburg**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Designing, History, Art and Theory"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-111795	History of Architecture	4 CP	Medina Warmburg

Assessment

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:

- have deepened their knowledge of history of architecture and are able put it into practice.
- have expanded methodological competence.
- are able to independence in scientific work.
- have an understanding of the meaning and purpose of scientific standards.
- have skills in the oral, written or graphic presentation of urban history contents.

Content

Analysis of selected architectural history case studies within overarching topics.

Module Grade Calculation

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

Additional Information

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

3.16 Module: History of Landscape Architecture [M-ARCH-103638]**Coordinators:** Prof. Maurus Schifferli**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Urban- and Landscape Planning"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each winter term	1 term	German/English	4	1

Mandatory			
T-ARCH-107380	History of Landscape Architecture	4 CP	Schifferli

Assessment

Other examination requirements consisting of a written composition that has to be undertaken together with a smaller design task in the course of the lecture period. The progress monitoring occurs during the study period within the framework of up to two intermediate and one final presentation.

Prerequisites

None

Competence Goal

The students:

- can analyze, structure and formally describe the spatial and structural specialties of landscape planning projects.
- are able to classify landscape typologies within their historical contexts.
- are able to critically evaluate the promotion of nature-related and urban landscape processes at various different levels of scale.

Content

The students, based on a lecture, learn about the historical development of landscape architecture. The students are taught all about historical landscape typologies. Based on a concrete planning task spatial analysis and design skills are trained.

Module Grade Calculation

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

Workload

In-class time: Seminar, tutorials 45 h

Self-study: Project work 75 h

M

3.17 Module: History of Urban Planning [M-ARCH-105860]**Coordinators:** Prof. Dr.-Ing. Joaquín Medina Warmburg**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Designing, History, Art and Theory"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-111793	History of Urban Planning	4 CP	Medina Warmburg

Assessment

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:

- have deepened their knowledge of the history of urban development and are able put it into practice.
- have expanded methodological competence.
- are able to independence in scientific work.
- have an understanding of the meaning and purpose of scientific standards.
- have skills in the oral, written or graphic presentation of urban history contents.

Content

Analysis of selected urban history case studies within overarching topics.

Module Grade Calculation

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

Additional Information

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

3.18 Module: Impromptu Designs [M-ARCH-103612]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [Designing](#)

Credits
4 CP

Grading
graded

Recurrence
Each term

Duration
1 term

Language
German/English

Level
4

Version
2

Mandatory			
T-ARCH-107346	Impromptu Designs	4 CP	Architektur

Assessment

Other examination requirements consisting of at least four impromptu design projects with a working on time period of respectively a maximum of two weeks. Working on the design tasks takes place individually respectively in groups of two (maximum number). Consultation and feedback appointments may be offered. The progress monitoring takes place during the study course within the framework of one presentation per impromptu design project. There the worked out results are presented and assessed in the form of drawings, models, texts or oral talks. The duration of the respective presentation is approx. 10 minutes. For the grade of the examination requirement the four impromptu design projects are graded as equal parts.

Prerequisites

none

Competence Goal

The students:

- can independently develop concepts and ideas out of that what they have already learned and can realize these within a short period of time.
- know methods and strategies for the quick development of possible solutions and approaches as well as being able to apply these.
- know a wide spectrum of design-oriented and order-giving principles, can develop these and apply them.
- are able to, based on the task given, select the necessary degree of detail as well as the fitting presentation and visualization technique and to work these out.
- are able to develop supporting structure planning and constructive solutions.

Content

Impromptu design projects are, as a rule, unsupervised small design tasks. The tasks aim mainly at developing a supportive idea and presenting this convincingly. The thematic spectrum goes from architectural, urban design over artistic all the way to supporting structural planning or building technological tasks which are assigned. For the supporting structure impromptu design project the focus is additionally on working out design-relevant details as well as constructive solutions.

Module Grade Calculation

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

Additional Information

Confirmation of participation on the "Impromptu design docket/control slip". Please see the note on page 3.

http://www.arch.kit.edu/downloads/161214_Stegreif_Laufzettel.pdf

Workload

In-class time: Presentations 5 h

Self-study components: Development of an architectural design 115 h

M

3.19 Module: Integral Planning [M-ARCH-103617]

Coordinators: Prof. Dr.-Ing. Petra von Both
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each winter term	1 term	German/English	4	1

Mandatory			
T-ARCH-107359	Integral Planning	4 CP	von Both

Assessment

The main focus of the other examination requirement is drawing up a written/planning-focused composition encompassing approx. 10 pages. In addition, a 15-minute presentation and discussion of the results.

Prerequisites

None

Competence Goal

The students:

- have a basic understanding of the system-oriented, integral thought processes as well as knowledge of the basics of integral planning.
- know the basic principles of integral planning.
- can analyze, structure and describe planning problems within the field of architecture.
- know select planning-supportive methods and techniques for various different processes within the course of planning: problem analysis, solution synthesis (finding ideas, concept development), decision-making and assessment.
- are able to critically judge the methods taught and apply these problem-based when it comes to the synthesis of planning solutions.

Content

In this module students are taught the theoretical basics and practical aspects of planning methodology. In addition to the general basics, terminology and approaches of construction methods and systems engineering, the focus is also on construction-specific aspects of integral planning. Dealt with are select planning-supportive methods and techniques for various different processes within the course of planning. Depending on the semester focus these are: problem analysis, solution synthesis (finding ideas, concept development), decision-making and/or assessment.

Module Grade Calculation

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

Workload

In-class time: Seminar 60 h

Self-study: Preparation/follow-up, written paper/project 60 h

Recommendations

Knowledge of the basics of planning methodology are helpful.

M

3.20 Module: Interdisciplinary Design of Steel Structures [M-ARCH-106915]

Coordinators: Prof. Dr.-Ing. Riccardo La Magna
Prof. Dr.-Ing. Thomas Ummenhofer

Organisation: KIT Department of Architecture

Part of: **Specialization (Compulsory Elective Subject Specialization)**

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each winter term	1 term	German	4	1

Mandatory			
T-ARCH-113852	Interdisciplinary Design of Steel Structures	4 CP	La Magna

Assessment

Examination of another kind consisting of a structural design:

- Drawing and description of the building,
- plans with documentation,
- two intermediate presentations and final presentation, each approx. 15 min.

Competence Goal

After participating in the module, students will be able to understand and apply the following governing requirements in the design process of a structure:

- recognize the relationship between architectural design, material selection, support structure and structural details.
- develop structural concepts, identify promising variants based on considerations of material, function, design and plausibility, and finally detail a structural design in a progressive process up to feasibility
- integrate divergent requirements from different disciplines into their structural design (teamwork and interdisciplinarity)
- present their results precisely, clearly and within the given time frame using the usual means of presentation (lecture, plans, reports, models)
- to be able to quickly abstract meaningful answers to design-specific questions within the framework of the interim and final presentations on the basis of the specialist knowledge acquired by then
- to recognize and understand other, among others discipline-specific perspectives and to derive practical consequences for a good interdisciplinary cooperation

Content

The module is aimed at students of architecture and civil engineering and promotes integrative work between the closely related disciplines. Constructive design is practiced on the basis of an annually changing design task (steel construction), which is worked on in teams of two to four students from the different disciplines. Each brings his or her special knowledge to the design process in order to develop a detailed project together from the beginning. The groups are supervised by teaching assistants from the two participating institutions. Structural design and development is divided into three phases:

- structural concept (design planning): Presentation and explanation of the selected primary load-bearing systems for the individual parts of the building, as well as delimitation and evaluation against optional load-bearing systems.
- elaboration and dimensioning (approval planning): Structure of the supporting structure/positioning; determination of the actions, loads and internal forces on the supporting structure; dimensioning and sizing of the primary support system, if necessary pre-dimensioning of other necessary supporting elements; presentation as well as dimensioning of the bracing system; dimensioning and sizing of selected detail points
- representation, detailing and construction planning (detailed design): Floor plan, elevations, sections, if necessary axonometry and presentation model of the load-bearing and bracing system, presentation of 2-3 selected detail points, explanations on prefabrication, transport and assembly, explanations on possibilities of disassembly/reusability and recycling.

Each of the three phases will be concluded with a presentation of the intermediate results (phases 1 and 2) or the final result.

During the lecture period there are weekly events on the module. In these, the individual groups are supervised by staff members of the participating chairs. At least 30 minutes of meeting time are scheduled per group. In addition, collective consultation hours are offered with all groups on global issues concerning design, construction, structural analysis and detailing. In addition, the lecturers will give impulse presentations.

Module Grade Calculation

Grade of the modul is grade of the exam.

Additional Information

The work on the design project will be done in teams of students of Architecture and Civil Engineering.

Workload

Contact Hours (1 HpW = 1 h x 15 weeks):

- seminar, feedback meetings, interim presentations: 25 h

Independent Study:

- working out the design project in a team: 75 h
- preparation of the requested deliverables, preparation of the final presentation (examination): 20 h

Total: 120 h

M

3.21 Module: Interdisciplinary Design of Timber Structures [M-ARCH-106126]

Coordinators: Prof. Dr.-Ing. Philipp Dietsch
Prof. Dr.-Ing. Riccardo La Magna

Organisation: KIT Department of Architecture

Part of: **Specialization (Compulsory Elective Subject Specialization)**

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each summer term	1 term	German	4	2

Mandatory			
T-ARCH-112497	Interdisciplinary Design of Timber Structures	4 CP	Dietsch, La Magna

Assessment

Examination of another kind consisting of a structural design:

- Drawing and description of the building,
- plans with documentation,
- two intermediate presentations and final presentation, each approx. 15 min.

Prerequisites

keine

Competence Goal

After participating in the module **Interdisciplinary Design of Timber Structures**, students will be able to understand and apply the following governing requirements in the design process of a structure:

- recognize the relationship between architectural design, material selection, support structure and structural details.
- develop structural concepts, identify promising variants based on considerations of material, function, design and plausibility, and finally detail a structural design in a progressive process up to feasibility
- integrate divergent requirements from different disciplines into their structural design (teamwork and interdisciplinarity)
- present their results precisely, clearly and within the given time frame using the usual means of presentation (lecture, plans, reports, models)
- to be able to quickly abstract meaningful answers to design-specific questions within the framework of the interim and final presentations on the basis of the specialist knowledge acquired by then
- to recognize and understand other, among others discipline-specific perspectives and to derive practical consequences for a good interdisciplinary cooperation (supported by House of Competence)

Content

The module is aimed at students of architecture and civil engineering and promotes integrative work between the closely related disciplines. Constructive design is practiced on the basis of an annually changing design task (timber building of simple use), which is worked on in teams of two to four students from the different disciplines. Each brings his or her special knowledge to the design process in order to develop a detailed project together from the beginning. The groups are supervised by teaching assistants from the two participating institutions. Structural design and development is divided into three phases:

- structural concept (design planning): Presentation and explanation of the selected primary load-bearing systems for the individual parts of the building, as well as delimitation and evaluation against optional load-bearing systems.
- elaboration and dimensioning (approval planning): Structure of the supporting structure/positioning; determination of the actions, loads and internal forces on the supporting structure; dimensioning and sizing of the primary support system, if necessary pre-dimensioning of other necessary supporting elements; presentation as well as dimensioning of the bracing system; dimensioning and sizing of selected detail points
- representation, detailing and construction planning (detailed design): Floor plan, elevations, sections, if necessary axonometry and presentation model of the load-bearing and bracing system, presentation of 2-3 selected detail points, explanations on prefabrication, transport and assembly, explanations on possibilities of disassembly/reusability and recycling.

Each of the three phases will be concluded with a presentation of the intermediate results (phases 1 and 2) or the final result.

The project is accompanied by the House of Competence through workshops on interdisciplinary cooperation, teamwork and communication skills.

During the lecture period there are weekly events on the module. In these, the individual groups are supervised by staff members of the participating chairs. At least 30 minutes of meeting time are scheduled per group. In addition, collective consultation hours are offered with all groups on global issues concerning design, construction, structural analysis and detailing. In addition, the lecturers will give impulse presentations.

Module Grade Calculation

Grade of the modul is grade of the exam.

Additional Information

The work on the design project will be done in teams of students of Architecture an Civil Engineering.

For the supervision of the team work 1 CP can be credited as Interdisciplinary Qualifications by HoC.

For the parts on teamwork, which are accompanied by the House of Competence (HoC), 1 LP can be acquired for the area 'Interdisciplinary Qualification' or as additional accomplishment.

Workload

Contact Hours (1 HpW = 1 h x 15 weeks):

- seminar, feedback meetings, interim presentations: 25 h

Independent Study:

- working out the design project in a team: 75 h
- preparation of the requested deliverables, preparation of the final presentation (examination): 20 h

Total: 120 h

M

3.22 Module: International Urban Design [M-ARCH-103634]**Coordinators:** Prof. Dr.-Ing. Barbara Engel**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Urban- and Landscape Planning"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each winter term	1 term	German/English	4	1

Mandatory			
T-ARCH-107376	International Urban Design	4 CP	Engel

Assessment

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

Prerequisites

None

Competence Goal

The students:

- have knowledge of international urban planning phenomena, urban types in various different cultural and social circles as well as an insight into the current transformation processes of urban systems. They understand complex relationships affecting all of society as well as their influences on urban development.
- can interpret order and design principles of urban planning against the background of guiding social principles and paradigms.
- are capable of working independently in a scientific manner and are able to work out their own position to a topic and to be able to present this specialized knowledge within a fitting framework.

Content

In the focus of the urban planning seminar is documentation work as well as critical analysis and the students own evaluation of spatial and design-related aspects regarding cities within a local and/or an international context. Taught and worked on is extensive knowledge on economic, social, political, ecological and spatial relationships of urban development in European as well as non-European cities.

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

3.23 Module: Key Qualifications [M-ARCH-105682]

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

Credits	Grading	Recurrence	Duration	Language	Level	Version
6 CP	pass/fail	Each term	1 term	German/English	4	2

Mandatory			
T-ARCH-111342	Seminar Week	2 CP	Architektur
Elective Key Qualifications (Election: at least 4 credits)			
T-ARCH-107423	Course in the Study Workshop Modell	2 CP	Gäng, Heil, Jäger
T-ARCH-107422	Course in the Study Workshop Photography	4 CP	Seeland
T-ARCH-107420	Wildcard	4 CP	
T-ARCH-109969	Office Hospitation	2 CP	Architektur
T-ARCH-109978	Visit Lecture Series Master	1 CP	Architektur
T-ARCH-111775	Self Assignment HoC-FORUM-SpZ 1 not graded	2 CP	Architektur
T-ARCH-111776	Self Assignment HoC-FORUM-SpZ 2 not graded	2 CP	Architektur
T-ARCH-111777	Self Assignment HoC-FORUM-SpZ 3 not graded	2 CP	Architektur
T-ARCH-111778	Self Assignment HoC-FORUM-SpZ 4 graded	2 CP	Architektur
T-ARCH-111779	Self Assignment HoC-FORUM-SpZ 5 graded	2 CP	Architektur
T-ARCH-111780	Self Assignment HoC-FORUM-SpZ 6 graded	2 CP	Architektur

Assessment

Success is assessed in the form of coursework, the type and scope of which vary depending on the event attended.

The assessment of the partial achievement "Attendance of lecture series" consists of the confirmation of attendance of at least 15 lectures of the event series "Karlsruhe Architecture Lectures", "Lecture Series Art History" or "Building History Colloquium" of the KIT Faculty of Architecture.

Prerequisites

None

Competence Goal

The students:

- have honed their individual profile through the targeted selection of a course.
- have increased competence to act in a professional context.
- have become familiar with different ways of thinking, specifics and methods
- are able to communicate professionally with representatives of other disciplines.

Content

Attending the seminar week once is compulsory. During one week in the summer semester, seminar weeks are held as block courses in interdisciplinary teaching groups.

Students can choose to attend/graduate from

- all SQ courses offered by the HOC, the ZAK and language courses offered by the Language Center, the SQ courses offered by the institutions can be found in the KIT course catalog. Further information on the concept and content of the SQ courses can be found on the respective homepage (for the courses offered by the HOC: <http://www.hoc.kit.edu/lehrangebot>, key qualifications at the ZAK: <http://www.zak.kit.edu/sq>) 1-3 CP
- Office shadowing consisting of attending an introductory event and shadowing in various offices for 60 hours 2 CPs
- Attendance of lectures in the lecture series of the KIT Faculty of Architecture amounting to 30 hours (15 lectures) 1 CP
- Courses in the study workshops 2-4 CP
- one course from the entire range of courses offered by KIT or HFG worth 4 CP. Prior study counseling is required for this.

Module Grade Calculation

ungraded

Additional Information

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

Attendance and self-study times vary depending on the course attended.

M

3.24 Module: Landscape Typologies [M-ARCH-103637]**Coordinators:** Prof. Maurus Schifferli**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Urban- and Landscape Planning"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each summer term	1 term	German/English	4	1

Mandatory			
T-ARCH-107379	Landscape Typologies	4 CP	Schifferli

Assessment

Other examination requirements consisting of a written paper (15 pages) and an oral presentation (15 min.). The progress monitoring occurs during the study period within the framework of two intermediate and one final presentation in addition to a two-time text correction.

Prerequisites

None

Competence Goal

The students:

- are able to produce scientific work/academic paper.
- can apply the methods of working scientifically.
- gain skills for being able to orally discuss and in writing put down their position within the professional work frame of landscape architecture and within the context of an interdisciplinary exchange.

Content

Based on text analyses and case studies, in-depth knowledge on current and scale-overlapping planning tasks of landscape planning. The students receive an overview of the topics covered within landscape architecture theory.

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

3.25 Module: Lecture Series [M-ARCH-105676]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [Architectural Core Competences from 01.04.2022 \(mandatory\)](#)

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

Mandatory			
T-ARCH-111335	Lecture Series 1	2 CP	Architektur
T-ARCH-111336	Lecture Series 2	2 CP	

Assessment

Completed coursework consisting of e.g. thesis papers, written summaries or similar for the respective lecture series. The scope and format of the course work may vary depending on the lecture series, the performance review will be announced by the lecturers at the beginning of each course.

Prerequisites

none

Competence Goal

Students:

- are able to follow specialist and expert lectures on complex architectural, urban planning, building technology and theoretical issues and identify core theses or central building blocks of knowledge.
- are able to precisely analyze questions with reference to different positions in architectural discourse and thinking and to relate to them in a nuanced manner.
- are able to assess the relevance of different academic lines of tradition and fields of knowledge for architectural and urban design and relate them to their own research and design approaches.
- are able to participate in a professional architectural and urban design debate at a high level and to implement this both in writing and in design work.

Content

The Lecture Series present the multidisciplinary architectural discourse as well as the latest research results from the perspective of various experts and specialist contexts. Cross-disciplinary focus topics are addressed in alternating sequence and related to ongoing research and project work in a series of lectures by lecturers. Among other things, the respective methods and instruments used to generate architectural knowledge will also be addressed.

Module Grade Calculation

not graded

Additional Information

Two different Lecture Series must be attended and the respective course credit completed.

Workload

Class attendance: Lectures 60 h

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

M

3.26 Module: Master's Thesis [M-ARCH-105693]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: **Master's Thesis**

Credits	Grading	Recurrence	Duration	Language	Level	Version
30 CP	graded	Each term	1 term	German/English	5	2

Mandatory			
T-ARCH-111362	Master's Thesis	30 CP	Architektur

Assessment

The Master's thesis is an architectural design project with an accompanying scientific paper. The progress monitoring takes place within the framework of a presentation. There the worked out results in the form of drawings, models, texts and oral talks are presented and assessed. The duration of the presentation is approx. 30 minutes per person.

Prerequisites

Passed module exams that encompass 86 credit points. It is highly recommended that one has collected all of the points (90 CP) by the start of working on the thesis respectively that only the key skills qualifications be worked on parallel to writing one's Master's thesis.

Modeled Prerequisites

The following conditions have to be fulfilled:

1. You need to have earned at least 90 credits in the following fields:
 - Architectural Core Competences from 01.04.2022
 - Architectural Core Competences from 01.04.2022
 - Designing
 - Specialization
 - Interdisciplinary Qualifications

Competence Goal

The students:

- can employ the scientific, design-related, constructive-technical, theoretic-historical, urban planning, organizational and drafting process methods that they have acquired during their studies, and this in a targeted manner for working on an architectural design task of high complexity.
- can analyze and reflect on their design in a social, cultural and technological context, can work out variants during the design draft process and can compare and assess these.
- are able to, in dependence of the task given, work out the necessary degree of detail as well as the best form of presentation and visualization.
- are able to, as an accompaniment to the design draft work, produce a scientific paper which goes in-depth on one or more aspects of the design project.
- are capable of dealing critically with the self-assigned task, are able to develop their own position and viewpoint, are able to communicate this and, if necessary, defend it.
- can discuss their work within the framework of a public presentation and can give detailed answers on the work they have produced when asked about this by their examiners.

Content

The Master's thesis should include and summarize all of the competencies gained within one's course of studies as a final architectural design. In addition, it should show the student's qualification as to starting work within the professional field of architecture. Within the framework of the Master's thesis the students develop an architectural design independently and within a limited set time period in accordance to scientific, design-oriented, constructive-technical, theoretic-historical, urban planning, organizational and drafting methods. Thereby, within the module "Research Fields", they work on their own independently set task. Working on the project and presenting the result are within a time plan set down by the examination board. This time plan, uniform for all students, is handed out together with the Master's thesis topic.

Module Grade Calculation

The module grade is the grade of the Master's thesis.

M

3.27 Module: Methods, Strategies and Mechanisms of Urban Design [M-ARCH-103670]**Coordinators:** Prof. Dr.-Ing. Barbara Engel**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Urban- and Landscape Planning"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each winter term	1 term	German/English	4	1

Mandatory			
T-ARCH-107411	Methods, Strategies and Mechanisms of Urban Design	4 CP	Engel

Assessment

Other examination requirements consisting of an oral presentation lasting approx. 20 minutes as well as a written paper on it that encompasses a maximum of 20 pages or a research task or a concept whose type and scope depends on the respective task being assigned.

Prerequisites

None

Competence Goal

The students:

- can comprehend, describe and assess the given problems and tasks at hands that stem from the various planning phases.
- are able to apply, from a spectrum of the instruments and methods they have learned about, the fitting tools for the respective question or topic being worked on, with relation to the planning time and date as well as planning strategy, measurements, type and scope of the task set, urban technology, economic and sociological urban aspects and all in relation to the concept selected.

Content

The focus of the seminar is on the methods and tools of urban planning as well as the formats of communication of and participation in planning processes. Here especially the aspects of sociology, urban technology and urban economics are taken into account. Based on current as well as historical examples, various methods – going from top-down to bottom-up – are examined as to their applicability at various scale levels and at different time periods during the design and planning processes. The strategies discussed are comparatively analyzed, tested and experimented with by the students during a series of practical work assignments and exercises.

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

3.28 Module: Performance Analysis for Buildings [M-ARCH-103620]**Coordinators:** Prof. Andreas Wagner**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each winter term	1 term	German/English	4	1

Mandatory			
T-ARCH-107362	Performance Analysis for Buildings	4 CP	Wagner

Assessment

Other examination requirements consisting of two to three presentations and the discussion thereof on partial tasks of the seminar lasting altogether 45 minutes. The tasks build up on one another; therefore, the order sequence of the presentations is binding.

Prerequisites

None

Competence Goal

The students:

- understand the influence of the outside climate on the energetic and room-climatic performance of a building and from this they can deduce research targets for the optimization of the architectural design with the aid of construction-physical measures.
- are proficient in various different computer-based tools for the analysis of planning-relevant climatic factors of a location as well as the performance of buildings and can identify the respective relevant queries.
- are able to develop models from building designs for simulation programs by analyzing spatial programs and by then abstracting these in order to produce physically sensible illustrations. Hereby they identify the relevant building features and parameters for a sensible model and implement strategies for performance optimization.
- can compare building variants in order to find out what the relevant influences on the performance of a building are. They can independently validate their results based on comparisons and benchmarks.
- can evaluate their building analyses in that they can mirror their simulation results back onto decisions made during the design draft process as well as the building construction process. They are therefore capable of working out quantitative decision-making aids for the design process.

Content

In this module the students are introduced to simulation tools with which they can evaluate the energetic and room-climatic performance of a building. For this completed or existing designs by the students are used that are examined and optimized during the course of the seminar. In addition to learning about the basics of building simulation and building modelling in an architecture-specific manner, the main focus of the seminar is on the application of the programs. There are respective introductions and, using simple tasks, the basic functions of the programs are explored. Based on seminar tasks, under supervision independent simulations are carried out and the results are discussed within the context of the respective building designs that these were based on. This performance analysis is underpinned with practical examples and insights based on building monitoring as well as other analysis methods and tools.

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

3.29 Module: Photogrammetry for Architects [M-BGU-104001]

Coordinators: Dr.-Ing. Thomas Vögtle
Dr.-Ing. Uwe Weidner

Organisation: KIT Department of Civil Engineering, Geo and Environmental Sciences

Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits
4 CP

Grading
graded

Recurrence
Each term

Duration
1 term

Language
German

Level
4

Version
1

Mandatory			
T-BGU-108204	Photogrammetry for Architects	4 CP	Vögtle

M

3.30 Module: Planning and Building with Light [M-ARCH-103621]**Coordinators:** Prof. Andreas Wagner**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each summer term	1 term	German/English	4	1

Mandatory			
T-ARCH-107363	Planning and Building with Light	4 CP	Wagner

Assessment

Other examination requirements consisting of two to three presentations and the discussion thereof on partial tasks of the seminar lasting altogether 45 minutes. The tasks build up on one another; therefore, the order sequence of the presentations is binding.

Prerequisites

None

Competence Goal

The students:

- are familiar with test facilities and measuring techniques (e.g. artificial sky) for the analysis of lighting situations in rooms/building resp. sunlight/shadow situations within an urban planning context and can work with these – depending on the task assigned – under supervision.
- are able to develop models for light simulation programs from building designs by analyzing spatial programs and, if necessary, being able to abstract these in the form of a sensible image; hereby they identify the relevant geometric scales and the material parameters and implement these.
- understand the relationship between the characteristics of various different light sources and human perception as well as health aspects and, from this, they can deduce the requirements regarding a lighting concept for the usage of certain types of buildings.
- carry out independent parameter studies in order to ascertain relevant influences on the lighting/illumination situation in rooms. They are acquainted with the methodic process regarding building simulations and can independently check their results based on comparisons or benchmarks.
- evaluate their building analyses for the purpose of mirroring back the simulation results regarding decisions made during the design process and for the lighting system chosen. They are therefore able to independently work out quantitative decision-making aids during the design process.

Content

In this module the students are introduced to various different planning tools for lighting planning. In addition to the basics of modelling for light simulations as well as light measurement systems/photometry, in the seminar simulation programs for the evaluation of daylight and artificial light situations in interior rooms are presented and applied. Depending on the task assigned, models for examinations, for example in the artificial sky, are produced and measured. Thematic focal points such as daylight usage, visual comfort and the interaction with other room-climatic parameters are worked on during the seminar and, based on simulations and/or measurements of one's own designs or models, discussed and analyzed.

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

Recommendations

Successful participation in basic lectures on building physics and technical building systems in the Bachelor's program. Successful participation in the lecture lighting technology and concepts for rooms and spaces.

M

3.31 Module: Planning and Constructing [M-ARCH-104076]

Coordinators: Prof. Dennis Müller
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits
4 CP

Grading
graded

Recurrence
Each term

Duration
1 term

Language
German/English

Level
4

Version
1

Mandatory			
T-ARCH-108456	Planning and Constructing	4 CP	Müller

Assessment

Other examination requirements that are each made up of seminar work assignments 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:

- know select methods of design and constructing.
- can apply these methods whilst taken into special account the materials and technological systems in an architectural, spatial context within the framework of a complex design process.

Content

Dealing with select methods of design and constructing whilst taken into special account the materials and technological systems in an architectural, spatial context.

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

3.32 Module: Professional Detailed Planning [M-ARCH-103659]**Coordinators:** Dipl.-Ing. Matthias Zöller**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each summer term	1 term	German	4	1

Mandatory			
T-ARCH-107402	Professional Detailed Planning	4 CP	Zöller

Prerequisites

None

M

3.33 Module: Project Management [M-ARCH-105957]**Coordinators:** Hon.-Prof. Kai Fischer**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each summer term	1 term	German/English	4	1

Mandatory			
T-ARCH-112102	Project Management	4 CP	Fischer

Assessment

Other examination requirements consisting of a written paper.

Competence Goal

The students:

- are familiar with project management practices and can use them to develop approaches to solutions from this field
- have learned a holistic and integrated view of construction from project development through project preparation, project planning and execution to the acceptance of a building.
- can apply this knowledge to individual tasks.

Content

This module provides a holistic and integrated view of construction from project development through project preparation, project planning and execution to the acceptance of a building. This includes - in addition to the technical - also the economic and legal aspects of a project. Project management practices are tested and approaches to solutions are developed.

Module Grade Calculation

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

Workload

In-class time: Seminar 30 h

Self-study: Homework 90 h

M

3.34 Module: Public Building Law [M-ARCH-103671]

Coordinators: Hon.-Prof. Dr. Werner Finger
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each summer term	1 term	German	4	1

Mandatory			
T-ARCH-107412	Public Building Law	4 CP	Finger

Assessment

The other type of examination consists of a presentation and a written examination.

Prerequisites

None

Competence Goal

The students:

- have basic knowledge of public building law, basic knowledge and understanding of public building law with other legal provisions that play a central role in its application
- are able to apply the legal regulations in practice. This also includes, in particular, interpreting legal regulations and representing their own views to those involved in building law (clients/authorities).

Content

Exercise on the implementation of legal regulations in public building law based on specific practical cases;

Cases from building planning law and building regulations law including ancillary areas (e.g. monument protection, environmental law).

Module Grade Calculation

Module grade is the grade of the other type of examination.

Additional Information

It is planned to attend a court hearing on a legal dispute concerning public building law.

Workload

Attendance time: Lecture/exercise 60 h

Self-study: Preparation/follow-up, homework/project work, exam preparation 60 h

Recommendations

Basic knowledge of public building law

M

3.35 Module: Quarter Analysis [M-ARCH-103633]**Coordinators:** Prof. Markus Nepl**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Urban- and Landscape Planning"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each winter term	1 term	German/English	4	1

Mandatory			
T-ARCH-107375	Quarter Analysis	4 CP	Nepl

Assessment

Other examination requirements consisting of an oral presentation of the work results (duration approx. 15 minutes).

Prerequisites

None

Competence Goal

The students:

- are capable of organizing their work processes in a timely and content-related manner and are able to present the work results in an appropriate manner within the team.
- can, using a variety of methods, analyze, structure and formally describe problems within the field of urban design. They are especially capable of recognizing and interpreting urban-sociological relationships and to be able to use these for their own work.
- are able to apply various different methods of analysis that they learned during their studies. In addition, they are able to apply new methods such as active citizen participation and other user-centered survey methods coming from the field of urban sociology.
- can develop integrative solutions for problems.
- are able to express their analysis results in an oral, written and drawn format and are able to place these within an urban-sociological context.

Content

Within the module large-scale urban spaces are examined as to their usage, structure and social-spatial interaction. At the same time the term of the urban quarter or district is to be defined and is analyzed as to its relevance within urban planning and development. The basics of urban sociology and contents pertaining to this are taught. One focus hereby is on the interlinking of urban-sociological contents and user-centered analysis methods such as citizen surveys and methods of participation.

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

M

3.36 Module: Research Fields [M-ARCH-103639]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: Specialization (mandatory)

Credits
6 CP

Grading
graded

Recurrence
Each term

Duration
1 term

Language
German/English

Level
4

Version
3

Research Seminar/Independent Student Research Project (Election: at most 1 item as well as at most 4 credits)			
T-ARCH-107381	Research Seminar	4 CP	Architektur
T-ARCH-107382	Independent Student Research Project	4 CP	Architektur
Mandatory			
T-ARCH-112875	Participation Doctoral Colloquium	0 CP	Architektur
T-ARCH-107383	Preparation Master's Thesis	2 CP	Architektur

Assessment

The progress monitoring consists of three parts:

1. Other examination requirements consisting of a specific research-oriented assignment undertaken. The topic must, at the very beginning of starting work on it, be coordinated and approved by the supervising area or discipline, stating clearly the scope, time frame and qualitative criteria being applied. The requirement is worked on in the form of scientific texts with explanatory graphics; a presentation is also possible.
2. Completed coursework consisting of the one-time participation in the one-day doctoral colloquium of the KIT Department of Architecture, this is a prerequisite for registration for the 3rd part:
3. Completed coursework consisting of a self-formulated differentiated task that the students set themselves for their own MA thesis. During one's studies at least two supervisory sessions take place; the requirement is worked on in the form of scientific texts with explanatory graphics.

Prerequisites

None

Competence Goal

The students:

- know specific rules and methods for working scientifically within the field of architecture and closely related disciplines.
- develop an individual research interest.
- from this deduce a topic or question to work on and set down, in consultation with their supervisor, fitting research methods and define work steps.
- undertake the planned project within a fixed time frame and apply the methods selected for it in the proper manner.
- can document and evaluate data and/or research results.
- can present their results using discipline-specific media (e.g. drawings, diagrams, maps, texts, presentations).
- can reflect on the results and are able to apply these to related, discipline-spanning questions and enquiries.
- are able to apply results and facts onto design contexts and to develop suggestions as to solutions (design, synthesis).
- can independently develop and formulate, within a set period of time, the topic of their own Master's thesis which has to be undertaken and worked on within the scope of the time frame given (six months here).

Content

Studying Architecture is framed by dealing with manifold topics on a design and constructive level. In addition to this, the analytical research-oriented dealing with questions is a characteristic of this universal study course. In the research seminar scientific work methods related to a concrete research topic are presented and practiced. The free study work can have, in accordance with the various numerous application methods and the possible research questions being dealt with, a wide thematic span. This can, for example, be:

- collaborating on a current research project of the area of study / the discipline
- a written paper on a self-chosen topic in accordance with scientific standards
- getting involved with and participating in an academic conference and producing a written conference report, essay, undertaking preparation work and helping to organize etc.
- applying methodic tools of other neighboring disciplines, e.g. statistical analyses, qualified interviews, current building analyses, sociological field studies etc. of a self-chosen research area or object
- working out basic planning materials such as a room book, building survey and documentation, evaluating statistical data, comparative studies etc.
- working as an expert evaluator, e.g. the evaluation of buildings that currently exist as to the energy consumption, historical preservation or the economic assessment.

The topic that will be worked on is chosen by the students themselves and must be communicated to and agreed with the relevant lecturers. At the start of the semester the students have to produce a short exposé which clearly defines the research topic / question being worked on, the relevance, the goals and the methods of approaching the topic as a whole. In the course of the semester an in-depth working on the topic takes place. Preparing one's Master's thesis includes researching and finding a topic, researching the location and the actual task as well as independently formulating the task that one will work on and the scope of the Master's thesis.

Module Grade Calculation

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

Additional Information

Every semester different research seminars, each with a special focal topic (if necessary with an excursion), are on offer. Only one research seminar can be taken. The alternative is producing a free study assignment.

With the selection of a supervising professor for the sub-performance "Preparation of the Master's Thesis", the professor automatically becomes the first examiner for the Master's Thesis.

Workload

In-class time: Supervision/presentations/doctoral colloquium 45 h

Self-study components: project 135 h

Recommendations

Do take this course in the semester before you start working on your Master's thesis.

M

3.37 Module: Selected Topics of Digital Design and Fabrication [M-ARCH-105858]**Coordinators:** Prof. Moritz Dörstelmann**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)**Credits**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
1

Mandatory			
T-ARCH-111791	Special Topics of Digital Design and Fabrication	4 CP	Dörstelmann

Assessment

Other examination requirements based on a final presentation.

Prerequisites

none

Competence Goal

The students:

- have developed basic understanding of digital design and manufacturing processes and recognize their relevance and application opportunities in the design process;
- can utilize explorative prototyping for the development of novel material and construction systems;
- can develop solutions to socially relevant questions relating to material efficiency and circularity in construction through digital fabrication technologies and are able to evaluate these in terms of their construction and design potential in architecture;
- have gained practical experience in digital fabrication methods and hands-on material exploration;
- are able to use practical material experiments as a tool for design strategies in architecture;
- are able to translate digital fabrication concepts into exploratory prototypes at 1:1 scale;
- can test material-specific and integrated processes for fabrication and assembly through prototypical iterations, and conceptualize full-scale applications for construction.

Content

Prototypes for circular constructions methods are developed through the experimental investigation of novel material systems and digital fabrication processes at the intersections of research and teaching

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: Spatial Theory [M-ARCH-103629]**Coordinators:** Prof. Marc Frohn**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Designing, History, Art and Theory"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each summer term	1 term	German/English	4	1

Mandatory			
T-ARCH-107371	Spatial Theory	4 CP	Frohn

Assessment

Other examination requirement which is undertaken in a format dependent upon the posted topic, e.g. in the form of an oral presentation, composition, plans or models.

Prerequisites

None

Competence Goal

The students:

- can avail of a well-founded vocabulary of the relevant terms within design practice and theory.
- can work out, analyze and reflect on architectural spaces within a social, cultural and technological context.
- are able to consequently thematize their work methodology based on the manifold 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 the fitting tools for the respective steps in their work process.

Content

The topic that is to be worked on is communicated to the students at the start of every respective semester and is worked on in-depth during the course of the semester. The content-related focus is on dealing with the topic of architectural spaces. Approaching this subject occurs through the teaching and analysis of the most important vocabulary, relevant reference projects, various different design approaches and/or design processes. These are placed into a cultural, social as well as technological context and are made into a topic.

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

M

3.39 Module: Special Topics in Building Studies and Design [M-ARCH-104075]**Coordinators:** Prof. Stéphanie Bru**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)**Credits**
4 CP**Grading**
graded**Recurrence**
Irregular**Duration**
1 term**Language**
German/English**Level**
4**Version**
1

Mandatory			
T-ARCH-108455	Special Topics in Building Studies and Design	4 CP	Bru

Assessment

The other type of examination consists of an exercise, model or picture, as well as model-based construction tasks during the semester.

Prerequisites

None

Competence Goal

The students:

- know in-depth topics from the areas of building theory (structure, typology and space).
- are able to grasp complex architectural contexts on the basis of scientific studies.
- are able to prepare the processes, findings and content-related results in a comprehensible manner and present them in a professional manner.

Content

The topic is an in-depth examination of the different types of buildings in architecture. Research, analyses and exercises are used to scientifically examine and work on the thematic content. The focus is on a holistic approach to architecture. Content and results are documented with text, drawings, plans, pictures and/or models.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Workload

Attendance time: Seminar 30 h

Self-study: preparation/follow-up, homework/project work 90 h

M

3.40 Module: Special Topics in Spatial Theory [M-ARCH-104074]**Coordinators:** Prof. Marc Frohn**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)**Credits**
4 CP**Grading**
graded**Recurrence**
Irregular**Duration**
1 term**Language**
German/English**Level**
4**Version**
1

Mandatory			
T-ARCH-108453	Special Topics in Spatial Theory	4 CP	Frohn

Assessment

The other type of examination is carried out in a format depending on the topic, e.g. in the form of a presentation, elaboration, plans or models.

Prerequisites

None

Competence Goal

The students:

- have a well-founded vocabulary of the key terms used in design practice and theory.
- are able to develop, analyze and reflect on architectural space in a societal, social, cultural and technological context.
- are able to consistently address their working methodology based on multi-layered and sometimes contradictory influencing factors such as context, function, imagery, etc. within the framework of a structured working process.
- are able to select and apply the appropriate tools for the respective steps in the work process.

Content

The work topic is communicated to the students at the beginning of each semester and developed in depth over the course of the semester. The focus of the content is on dealing with the topic of architectural space. The approach is based on the presentation and analysis of the essential linguistic vocabulary, relevant reference projects, different design approaches and/or design processes. These are to be located and thematized in a cultural, social and technological context.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Workload

Attendance time: Seminar 30 h

Self-study: preparation/follow-up, homework/project work 90 h

M

3.41 Module: Special Topics of Art History 1 [M-ARCH-103672]

Coordinators: Studiendekan/in Kunstgeschichte
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits
4 CP

Grading
graded

Recurrence
Each term

Duration
1 term

Language
German/English

Level
4

Version
1

Mandatory			
T-ARCH-107413	Special Topics of Art History 1	4 CP	Kunstgeschichte

Assessment

The other type of examination consists of an oral performance (qualified discussion contributions, presentation or oral examination lasting approximately 15 minutes) and a written paper of approximately 20 pages.

Prerequisites

None

Competence Goal

The students:

- are able to deal with a selected art historical topic in an appropriate scientific manner, to develop an independent research question and to present their work results in a presentation and discussion as well as a subsequent written elaboration.

Content

Basic knowledge of a selected topic in medieval, early modern or modern art history is taught and acquired.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Workload

Attendance time: Seminar 30 h

Self-study: preparation/follow-up, homework/project work 90 h

M

3.42 Module: Special Topics of Art History 2 [M-ARCH-103673]**Coordinators:** Studiendekan/in Kunstgeschichte**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)**Credits**

4 CP

Grading

graded

Recurrence

Each term

Duration

1 term

Language

German/English

Level

4

Version

1

Mandatory			
T-ARCH-107414	Special Topics of Art History 2	4 CP	Kunstgeschichte

Assessment

The other type of examination consists of an oral performance (qualified discussion contributions, presentation or oral examination lasting approximately 15 minutes) and a written paper of approximately 20 pages.

Prerequisites

Successful completion of the module "Special Areas of Art History 1".

Modeled Prerequisites

The following conditions have to be fulfilled:

1. The module [M-ARCH-103672 - Special Topics of Art History 1](#) must have been passed.

Competence Goal

The students:

- are able to deal with a selected art historical topic in an appropriate scientific manner, to develop an independent research question and to present their work results in a presentation and discussion as well as a subsequent written elaboration.

Content

Basic knowledge of a selected topic in medieval, early modern or modern art history is taught and acquired.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Workload

Attendance time: Seminar 30 h

Self-study: preparation/follow-up, homework/project work 90 h

M

3.43 Module: Special Topics of Building Lifecycle Management 1 [M-ARCH-103654]

Coordinators: Prof. Dr.-Ing. Petra von Both
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits
4 CP

Grading
graded

Recurrence
Each term

Duration
1 term

Language
German/English

Level
4

Version
1

Mandatory			
T-ARCH-107397	Special Topics of Building Lifecycle Management 1	4 CP	von Both

Assessment

The other type of examination consists of the preparation of a written/drawing elaboration or modeling of approx. 10-15 pages. There is also a 15-minute presentation and discussion of the results.

Prerequisites

None

Competence Goal

The students:

- know selected technical contents, methods, tools or technologies of Building Lifecycle Management.
- can confidently handle and apply specific knowledge, methods and tools on selected topics of Building Lifecycle Management.
- understand the application and usage context of the content and/or tools taught.

Content

This course delves into various aspects of building lifecycle management and refers to current trends and requirements. In this module, students are taught methodological and/or technical knowledge on selected current topics of Building Lifecycle Management.

Workload

Attendance time: Seminar 45 h

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

Recommendations

Knowledge of the basics of Building Information Modeling and planning methodology is helpful.

M

3.44 Module: Special Topics of Building Lifecycle Management 2 [M-ARCH-103655]

Coordinators: Prof. Dr.-Ing. Petra von Both
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-107398	Special Topics of Building Lifecycle Management 2	4 CP	von Both

Assessment

The other type of examination consists of the preparation of a written/drawing elaboration or modeling of approx. 10-15 pages. There is also a 15-minute presentation and discussion of the results.

Prerequisites

Successful completion of the module "Special areas of Building Lifecycle Management 1".

Modeled Prerequisites

The following conditions have to be fulfilled:

1. The module [M-ARCH-103654 - Special Topics of Building Lifecycle Management 1](#) must have been passed.

Competence Goal

The students:

- know selected technical contents, methods, tools or technologies of Building Lifecycle Management.
- can confidently handle and apply specific knowledge, methods and tools on selected topics of Building Lifecycle Management.
- understand the application and usage context of the content and/or tools taught.

Content

This course builds on the content of the module "Special areas of BLM 1". It delves into different aspects of Building Lifecycle Management and refers to current trends and requirements. In this module, students are taught methodological and/or technical knowledge on selected current topics of Building Lifecycle Management.

Workload

Attendance time: Seminar 45 h

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

Recommendations

Knowledge of the basics of Building Information Modeling and planning methodology is helpful.

M

3.45 Module: Special Topics of Building Physics [M-ARCH-105680]**Coordinators:** Prof. Andreas Wagner**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)**Credits**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
2 terms**Language**
German/English**Level**
4**Version**
1

Special Topics of Building Physics (Election: 2 items)			
T-ARCH-111337	Indoor Lighting Technology and Concepts	2 CP	Wagner
T-ARCH-111340	Sound Insulation and Acoustics	2 CP	Wagner
T-ARCH-111339	Fire Protection in Planning and Building	2 CP	Wagner
T-ARCH-111338	Energy and Indoor Climate Concepts	2 CP	Wagner

Assessment

Two oral exams of 25 minutes each on the contents of selected courses.

Prerequisites

none

Competence Goal**Indoor Lighting Technology and Concepts:**

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.

Sound Insulation and Acoustics:

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.

Fire Protection in Planning and Building:

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 **Indoor Lighting Technology and Concepts** 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 in Planning and Building** 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 and Indoor Climate Concepts** 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.

Additional Information

With a mandatory excursion.

Workload

Class attendance: Lectures, tutorials 60 h

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

M

3.46 Module: Special Topics of Building Technology [M-ARCH-103652]

Coordinators: Prof. Moritz Dörstelmann
 Prof.Dipl.-Ing. Dirk Hebel
 TT-Prof. Florian Kaiser
 Prof. Andrea Klinge
 Prof. Dr.-Ing. Riccardo La Magna
 Prof. Dennis Müller
 Prof. Dr.-Ing. Peter Schossig
 Prof. Dr.-Ing. Petra von Both
 Prof. Andreas Wagner

Organisation: KIT Department of Architecture

Part of: **Specialization (Compulsory Elective Subject Specialization)**

Credits

4 CP

Grading

graded

Recurrence

Irregular

Duration

1 term

Language

German/English

Level

4

Version

1

Mandatory			
T-ARCH-107395	Special Topics of Building Technology	4 CP	Dörstelmann, Hebel, Kaiser, Klinge, La Magna, Müller, Schossig, von Both

Assessment

The other type of examination consists of seminar papers in written and/or graphic form of a maximum of 20 pages and a presentation or paper of a maximum of 20 minutes.

Prerequisites

None

Competence Goal

The students:

- have a sound vocabulary of structural engineering and subject-specific terms.
- are able to confidently deal with structural engineering issues in a design context.
- are able to consistently adapt and refine their working methods based on complex and sometimes contradictory influencing factors such as material, function, design, etc. within the framework of a structured work process.
- are able to select and apply the appropriate tools for the respective steps in the work process.

Content

The focus of the content is on the structural engineering treatment of a topic. Issues from the fields of building construction, sustainable building, design methodology, structural design, materials science, the history of building technology, building technology, building physics, technical construction or building lifecycle management are dealt with.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Additional Information

Only one of the courses can be chosen. The individual courses are offered irregularly. The respective course offerings and topics can be found in the course catalog.

Workload

Attendance time: Seminar 45 h

Self-study: preparation/follow-up, homework/project work 75 h

M

3.47 Module: Special Topics of Communication of Architecture [M-ARCH-103651]**Coordinators:** Prof. Dr. Riklef Rambow**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)**Credits**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
1

Mandatory			
T-ARCH-107394	Special Topics of Communication of Architecture	4 CP	Rambow

Assessment

The other type of examination consists of a presentation of approx. 30 minutes during the course and a written paper of approx. 15 pages.

Prerequisites

None

Competence Goal

The students:

- are able to identify and analyze communication needs in an important application area of architectural communication, name and define target groups in order to design an effective communication measure on this basis.
- are able to name and select suitable media and instruments.
- are able to research and evaluate the requirements in order to adapt the measure accordingly.
- know the forms of presentation and presentation of communication concepts and can use and design them competently and confidently in order to win potential clients and funding institutions for their project.
- can work in a self-organized, reflective and goal-oriented manner.
- have the competence to organize themselves in a team, to define and distribute subtasks, to recognize the different skills of team members and to use them in a targeted manner in order to achieve the best joint result.

Content

Based on a selected, central area of application of architectural communication (e.g. architectural exhibitions, mediation institutions, participatory planning procedures, architectural journalism and criticism, architecture in film and television), basic theories, research techniques and scientific procedures for the systematic acquisition of knowledge are presented and practiced. On the basis of a well-founded overview of the current state of problems, contextual conditions and approaches to solutions in the chosen field of practice, participants will develop and elaborate their own conceptual strategy as an example, present it in the seminar and discuss it. Where possible, current, realistic and practice-relevant contexts are chosen. The example will be used to illustrate the social significance of architecture and building culture and the connection between planning processes and results will be discussed.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Workload

Attendance time: Seminar 45 h

Self-study: preparation/follow-up, homework/project work 75 h

M

3.48 Module: Special Topics of Construction Planning Law [M-ARCH-103688]**Coordinators:** Dr. Holger Fahl**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each winter term	1 term	German/English	4	1

Mandatory			
T-ARCH-107436	Special Topics of Construction Planning Law	4 CP	Fahl

Assessment

Written examination lasting 90 minutes.

Prerequisites

None

Competence Goal

The students:

- have in-depth knowledge of the law on contracts for work and services, in particular VOB law, public procurement law and the professional obligations of architects and the resulting liabilities according to the case law of the Federal Court of Justice.

Content

The practice-oriented in-depth course is divided into three main parts. Details of the contract according to VOB/B are taught so that architects can fulfill their consulting obligations to the client during construction supervision.

The basics of public procurement law are taught, which the architect involved in a tender for the public sector must know in practice. Furthermore, the central questions of architects' liability according to the case law of the highest courts will be discussed in more detail. If time permits, preparation for and participation in an architects' liability construction trial or proceedings to secure evidence at the regional court will be offered.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Workload

Attendance time: Lecture 60 h

Self-study: Preparation/follow-up, exam preparation 60 h

M

3.49 Module: Special Topics of Design Theory [M-ARCH-103640]**Coordinators:** Prof. Simon Hartmann**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)**Credits**
4 CP**Grading**
graded**Recurrence**
Irregular**Duration**
1 term**Language**
German/English**Level**
4**Version**
1

Mandatory			
T-ARCH-107384	Special Topics of Design Theory	4 CP	Hartmann

Assessment

Other examination requirement which is undertaken in a format dependent upon the posted topic, e.g. in the form of an oral presentation, composition, plans or models.

Prerequisites

None

Competence Goal

The students:

- can avail of a well-founded vocabulary of the relevant terms within design practice and theory.
- can work out, analyze and reflect on architectural spaces within a social, cultural and technological context.
- are able to consequently thematize their work methodology based on the manifold 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 the fitting tools for the respective steps in their work process.

Content

The topic that is to be worked on is communicated to the students at the start of every respective semester and is worked on in-depth during the course of the semester. The content-related focus is on dealing with the topic of architectural spaces. Approaching this subject occurs through the teaching and analysis of the most important vocabulary, relevant reference projects, various different design approaches and/or design processes. These are placed into a cultural, social as well as technological context and are made into a topic.

Module Grade Calculation

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

Additional Information

Only one of the courses can be chosen. The individual courses are offered irregularly. The respective course offerings and topics can be found in the course catalog.

Workload

In-class time: Seminar 30 h

Self-study: Preparation/follow-up, written paper/project 90 h

M

3.50 Module: Special Topics of Fine Arts 1 [M-ARCH-103647]

Coordinators: Prof. Stephen Craig
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits
4 CP

Grading
graded

Recurrence
Each term

Duration
1 term

Language
German/English

Level
4

Version
1

Mandatory			
T-ARCH-107390	Special Topics of Fine Arts 1	4 CP	Craig

Assessment

The other type of examination consists of the submission and presentation of term papers (scope, number and type vary depending on the topic).

Prerequisites

None

Competence Goal

The students:

- are able to develop a topic conceptually, with the aim of formulating their own thesis and implementing this in a free work.
- have the ability to develop and formulate their own position.
- are able to exchange views on this position and defend it with arguments.
- are able to critically assess and question and draw comparative conclusions.
- know the methods of presentation to the group and can apply them.
- have developed their creative potential and sensitized their perception.

Content

This module deals with thematically related, conceptually designed seminars in various forms of expression. It begins with observation, perception and the targeted questioning of what is perceived, the intensive examination of the topic, the basis for the entire design process. The insights gained are analyzed, interpreted and formulated into an individual statement. Once the students have found their theme, their concept, they implement it in a free work. They learn which means and forms are the right ones for their statement.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Additional Information

Each semester, several courses with different topics are offered in this module. Only one of these courses can be chosen in this module.

Workload

Attendance time: Seminar/exercises 60 h

Self-study: Project work 60 h

M

3.51 Module: Special Topics of Fine Arts 2 [M-ARCH-103648]**Coordinators:** Prof. Stephen Craig**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)**Credits**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
1

Mandatory			
T-ARCH-107391	Special Topics of Fine Arts 2	4 CP	Craig

Assessment

The other type of examination consists of the submission and presentation of term papers (scope, number and type vary depending on the topic).

Prerequisites

Successful completion of the module "Sondergebiete der Bildenden Kunst 1".

Modeled Prerequisites

The following conditions have to be fulfilled:

1. The module [M-ARCH-103647 - Special Topics of Fine Arts 1](#) must have been passed.

Competence Goal

The students:

- are able to develop a topic conceptually, with the aim of formulating their own thesis and implementing this in a free work.
- have the ability to quickly develop and formulate their own position.
- are able to exchange views on this position and defend it argumentatively.
- can critically assess and question and draw comparative conclusions.
- know the methods of presentation to the group and can apply them confidently.
- have developed their creative potential and refined and sensitized their perception.

Content

This module deals with thematically related, conceptually designed seminars in various forms of expression. At the beginning, observation, perception and the targeted questioning of what is perceived, the intensive examination of the topic forms the basis for the entire design process. The insights gained are analyzed, interpreted and formulated into an individual statement. Once the students have found their theme, their concept, they implement it in a free work. In doing so, they learn which means and forms are the right ones for their statement.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Workload

Attendance time: Seminar/exercise 60 h

Self-study: Project work 60 h

M

3.52 Module: Special Topics of History of Architecture [M-ARCH-105863]

Coordinators: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits
4 CP

Grading
graded

Recurrence
Each term

Duration
1 term

Language
German/English

Level
4

Version
1

Mandatory			
T-ARCH-111796	Special Topics of History of Architecture	4 CP	

Assessment

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:

- have deepened their knowledge of the history of architecture and are able put it into practice.
- have expanded methodological competence.
- are able to independence in scientific work.
- have an understanding of the meaning and purpose of scientific standards.
- have skills in the oral, written or graphic presentation of urban history contents.

Content

Analysis of selected architectural history case studies in the context of overarching themes.

Module Grade Calculation

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

Additional Information

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

3.53 Module: Special Topics of History of Urban Planning [M-ARCH-105861]

Coordinators: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-111794	Special Topics of Urban Planning	4 CP	Medina Warmburg

Assessment

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:

- have deepened their knowledge of the history of urban development and are able put it into practice.
- have expanded methodological competence.
- are able to independence in scientific work.
- have an understanding of the meaning and purpose of scientific standards.
- have skills in the oral, written or graphic presentation of urban history contents.

Content

Analysis of selected urban history case studies within overarching topics.

Module Grade Calculation

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

Additional Information

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

3.54 Module: Special Topics of Planning and Constructing [M-ARCH-103653]**Coordinators:** Prof. Dennis Müller**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each winter term	1 term	German/English	4	1

Mandatory			
T-ARCH-107396	Special Topics of Planning and Constructing	4 CP	Müller

Assessment

The other type of examination consists of seminar papers in written and/or graphic form of a maximum of 20 pages and a presentation or paper of a maximum of 20 minutes.

Prerequisites

None

Competence Goal

The students:

- know selected methods of design and construction.
- are able to apply these methods in a complex design process with special consideration of materials and technological systems in an architectural, spatial context.

Content

Treatment of selected methods of design and construction with special consideration of materials and technological systems in an architectural, spatial context.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Workload

Attendance time: Seminar 45 h

Self-study: preparation/follow-up, homework/project work 75 h

M

3.55 Module: Special Topics of Structural Design [M-ARCH-103658]**Coordinators:** Prof. Dr.-Ing. Riccardo La Magna**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each summer term	1 term	German/English	4	1

Mandatory			
T-ARCH-107401	Special Topics of Structural Design	4 CP	La Magna

Assessment

The other type of examination consists of seminar papers in written and / or graphic form of a maximum of 20 pages and a presentation or paper of a maximum of 20 minutes.

Prerequisites

None

Competence Goal

The students:

- have a sound vocabulary of structural engineering terms.
- are able to grasp complex structures and subdivide them into substructures.
- are able to analyze and implement different topics in structural design.

Content

The focus is on the structural engineering treatment of a topic. The topics cover structural design in the broadest sense, and the approach can be carried out in different ways.

Additional Information

Possibly with excursion.

Workload

Attendance time: Seminar 45 h

Self-study: preparation/follow-up, homework/project work 75 h

M

3.56 Module: Special Topics of Sustainability [M-ARCH-103687]**Coordinators:** Prof.Dipl.-Ing. Dirk Hebel**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)**Credits**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
1

Mandatory			
T-ARCH-107435	Special Topics of Sustainability	4 CP	Hebel

Assessment

The other type of examination consists of a written elaboration of a topic chosen by the student within the framework of the seminar and after consultation with the examiner.

Prerequisites

None

Competence Goal

The students:

- understand the influence and impact of the use of degradable and cultivable raw materials in the construction industry
- are able to understand and independently evaluate the complete cycle of a construction product with regard to its sustainability
- are able to apply their knowledge in the complex use and in the research and invention of new, alternative building materials.

Content

In the course of industrialization, our construction industry has increasingly focused on mineral, finite material sources that are inevitably running out due to intensive mining. The 21st century is now enabling a paradigm shift: a reorientation from extraction to cultivation and a consistent return of all materials used into the material cycle. This requires the (re)discovery, research and development of alternative building materials and a transfer to their industrial application.

The seminar introduces methods of experimentation and scientific work through lectures. The seminar participants will engage intensively with conventional and innovative materials and systems. The aim of the seminar is to demonstrate the potential and possible applications of alternative building materials within a sustainable, industrial construction industry and to document this in applied and written form.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Workload

Attendance time: Seminar/supervision 30 h

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

M

3.57 Module: Special Topics of Sustainable Timber Construction [M-ARCH-107591]**Coordinators:** TT-Prof. Florian Kaiser**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each summer term	1 term	German/English	4	1

Mandatory			
T-ARCH-114866	Special Topics of Sustainable Timber Construction	4 CP	Kaiser

Assessment

The other type of examination consists of seminar papers in written and/or graphic form of a maximum of 20 pages and a presentation or paper of a maximum of 20 minutes.

Prerequisites

None

Competence Goal

The students:

- have a sound vocabulary of structural engineering and subject-specific terms.
- can address issues relating to sustainable timber construction in a design context.
- are able to consistently adapt and refine their working methods based on complex and sometimes contradictory influencing factors such as material, function, design, etc. within the framework of a structured work process.
- are able to select and apply the appropriate tools for the respective steps in the work process.

Content

The focus is on the structural engineering aspects of a topic in the field of sustainable timber construction. Issues relating to building construction, sustainable building, design methodology, structural engineering, materials science, and the history of building technology are addressed.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Workload

Attendance time: Seminar 45 h

Self-study: preparation/follow-up, homework/project work 75 h

M

3.58 Module: Special Topics of Theory of Architecture 1 [M-ARCH-103649]

Coordinators: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits
4 CP

Grading
graded

Recurrence
Each term

Duration
1 term

Language
German/English

Level
4

Version
1

Mandatory			
T-ARCH-107392	Special Topics of Theory of Architecture 1	4 CP	Meister

Assessment

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 systematically analyze complex areas of architectural theory and evaluate them in a differentiated manner.
- are able to deal with a given or self-chosen topic in the sense of a "discursive practice" and assess it with regard to current architectural practice.
- know the necessary subject-specific vocabulary and can use it to present their point of view in an interdisciplinary exchange in a differentiated manner and communicate it in a generally understandable way.
- have the ability to work out and interpret the central contents of complex architectural theory texts.
- are able to write an independent text according to the methods of scientific work.
- Their teamwork skills are developed through working in research groups.

Content

The module "Special Areas of Architectural Theory 1" deals with sub-areas of architectural theory. The focus is on complex issues relating to the present and future of the built environment. Interdisciplinary references to philosophy, the cultural sciences, the history of science and technology as well as current political and social conditions are central.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Additional Information

possibly with excursion and/or workshop days

Workload

Attendance time: Seminar 60 h

Self-study: preparation/follow-up, term paper 60 h

M

3.59 Module: Special Topics of Theory of Architecture 2 [M-ARCH-103650]

Coordinators: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-107393	Special Topics of Theory of Architecture 2	4 CP	Meister

Assessment

The other type of examination involves active participation in the seminar hours (oral and written discussion contributions and presentations) as well as a course assignment, the scope and form of which depends on the respective task.

Prerequisites

Successful completion of the module "Special Areas of Architectural Theory 1".

Modeled Prerequisites

The following conditions have to be fulfilled:

1. The module [M-ARCH-103649 - Special Topics of Theory of Architecture 1](#) must have been passed.

Competence Goal

The students

- are able to systematically analyze complex areas of architectural theory and evaluate them in a differentiated manner.
- are able to deal with a given or self-chosen topic in the sense of a "discursive practice" and assess it with regard to current architectural practice.
- know the necessary subject-specific vocabulary and can use it to present their point of view in an interdisciplinary exchange in a differentiated manner and communicate it in a generally understandable way.
- have the ability to work out and interpret the central contents of complex architectural theory texts.
- are able to write an independent text according to the methods of scientific work.
- Their teamwork skills are developed through working in research groups.

Content

The module "Special Areas of Architectural Theory 2" deals with sub-areas of architectural theory. The focus is on complex issues relating to the present and future of the built environment. Interdisciplinary references to philosophy, the cultural sciences, the history of science and technology as well as current political and social conditions are central.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Additional Information

possibly with excursion and/or workshop days

Workload

Attendance time: Seminar/exercise 60 h

Self-study: Project work 60 h

M

3.60 Module: Special Topics of Urban Design [M-ARCH-103668]

Coordinators: Prof. Dr.-Ing. Barbara Engel
 Prof. Christian Inderbitzin
 Prof. Markus Neppl
 Prof. Maurus Schifferli

Organisation: KIT Department of Architecture

Part of: Specialization (Compulsory Elective Subject Specialization)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-107409	Special Topics of Urban Design	4 CP	Engel, Inderbitzin, Neppl, Schifferli

Assessment

The other type of examination consists of seminar papers in written and/or graphic form of a maximum of 20 pages and a presentation or paper of a maximum of 20 minutes.

Prerequisites

None

Competence Goal

The students:

- have a sound vocabulary of urban planning and subject-specific terms.
- are able to consistently adapt their working methods based on complex and sometimes contradictory influencing factors such as housing trends, mobility, climate, resources, social processes, etc. as part of a structured work process.
- have basic knowledge of scientific work and are able to develop their own positions on the topic. They can present this specialist knowledge in a suitable form.

Content

The content of the module is the examination of the various historical, social, technical, structural, traffic, urban or housing policy or open space aspects of an urban space or an urban region.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Additional Information

The individual courses are offered on an irregular basis. The respective offer and topics can be found in the course catalog. Possibly with compulsory excursion.

Workload

Attendance time: Seminar/exercise 60 h

Self-study: Preparation/follow-up, homework/project work 60 h

M

3.61 Module: Special Topics of Urban Design - Workshop [M-ARCH-103974]

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

Organisation: KIT Department of Architecture

Part of: Specialization (Compulsory Elective Subject Specialization)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Irregular	1 term	German/English	4	1

Mandatory			
T-ARCH-108190	Special Topics of Urban Design	4 CP	Bava, Engel, Neppl

Assessment

Examination of a different kind consisting of work in the form of drawings, models, texts and their presentation. The duration of the presentation is a maximum of 20 minutes per work.

Prerequisites

none

Competence Goal

The students:

- are able to analyze, structure and describe and critically assess complex urban planning problems in text and images/drawings as part of an excursion or a workshop lasting several days.
- are able to independently develop integrative solution-oriented concepts and ideas.

Content

The content of the module is the examination of the various historical, social, technical, structural, traffic, urban or housing policy or open space aspects of an urban space or an urban region as part of a workshop, a summer university or an excursion, for example.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Additional Information

The individual courses are offered on an irregular basis. The respective offerings and topics can be found in the course catalog.

With compulsory excursion.

Workload

Attendance time: seminar/workshop/excursion 90 h

Self-study: Preparation/follow-up, project work 30 h

M

3.62 Module: Special Topics of Urban Design 2 [M-ARCH-105859]

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

Organisation: KIT Department of Architecture

Part of: Specialization (Compulsory Elective Subject Specialization)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-111792	Special Topics of Urban Design 2	4 CP	Bava, Engel, Inderbitzin, Neppl

Assessment

The other type of examination consists of seminar papers in written and/or graphic form of a maximum of 20 pages and a presentation or paper of a maximum of 20 minutes.

Prerequisites

None

Competence Goal

The students:

- have a sound vocabulary of urban planning and subject-specific terms.
- are able to consistently adapt their working methods based on complex and sometimes contradictory influencing factors such as housing trends, mobility, climate, resources, social processes, etc. as part of a structured work process.
- have basic knowledge of scientific work and are able to develop their own positions on the topic. They can present this specialist knowledge in a suitable form.

Content

The content of the module is the examination of the various historical, social, technical, structural, traffic, urban or housing policy or open space aspects of an urban space or an urban region.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Additional Information

The individual courses are offered on an irregular basis. The respective offer and topics can be found in the course catalog. Possibly with compulsory excursion.

Workload

Attendance time: Seminar/exercise 60 h

Self-study: Preparation/follow-up, homework/project work 60 h

M

3.63 Module: Structural Analysis [M-ARCH-106128]**Coordinators:** Dr. Anette Busse**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)**Credits**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
1

Mandatory			
T-ARCH-112499	Structural Analysis	4 CP	Busse

Assessment

Other examination requirements consisting of a term paper including a written and drawn component in accordance with the layout specifications, 10-15 pages DIN A 4.

Prerequisites

None

Competence Goal

The students:

- can undertake research on a project of their choice.
- are able to work on and evaluate secondary sources and, if necessary, primary sources.
- have the ability of analyzing a built project, can understand, describe and give reasons for how they undertook the design draft process as well as the constructive-static realization and materialization.
- can comprehensively assess and categorize projects with a view to architectural concepts, realization and constructive implementation.

Content

The module enables the participants to intensively deal with a realized project, which is selected in coordination. After intensive research and analysis, the design (historical, if applicable), the construction and the materials used are traced in drawings as well as named, analyzed and classified. The results are summarized in a documentation with illustrations and text. The connection between the design idea and the material, constructive-static implementation is presented and, if necessary, its historical development is traced.

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

3.64 Module: Sustainability [M-ARCH-104078]**Coordinators:** Prof.Dipl.-Ing. Dirk Hebel**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each summer term	1 term	German/English	4	1

Mandatory			
T-ARCH-108458	Sustainability	4 CP	Hebel

Assessment

Other examination requirements consisting of a written composition of a self-chosen topic within the framework of the seminar and in coordination with the examiner.

Prerequisites

None

Competence Goal

The students:

- understand the influence and effects of using extracted, extended and replantable resources within the construction industry.
- are able to understand the full lifecycle of a building product with regard to its sustainability and can assess it independently.
- are enabled to also apply their knowledge regarding the complex usage as well as research into and invention of new types of 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 re-usage of our material resources. This requires the (re)discovery, research and development of alternative building materials and a transition in their industrial application. In the seminar the methods of experimentation and working scientifically are introduced through lectures. The seminar participants deal intensively with both conventional and new types of materials and systems. The aim of the seminar is to highlight the potential and application possibilities of such alternative building materials within a sustainable, industrialized construction industry and to document this in an applied manner and written form.

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

M

3.65 Module: Technologies for Climate-Friendly Buildings and Urban Districts [M-ARCH-107593]

Coordinators: Prof. Dr.-Ing. Peter Schossig
Organisation: KIT Department of Architecture
Part of: Specialization (Compulsory Elective Subject Specialization)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-114868	Technologies for Climate-Friendly Buildings and Urban Districts	4 CP	Schossig

Assessment

The other type of examination consists of seminar papers in written and/or graphic form of a maximum of 20 pages and a presentation or paper of a maximum of 20 minutes.

Prerequisites

None

Competence Goal

The students:

- have a sound vocabulary of subject-specific terms.
- have comprehensive knowledge of technologies for energy and heat supply and storage.
- can confidently compare and evaluate different approaches to climate-friendly adaptation of buildings and neighborhoods.

Content

The supply of heating energy to buildings is still the dominant influence on the CO₂ balance of the built environment. In order to achieve the climate target of a climate-neutral building sector, the heat supply in particular must change. The course will introduce the students to different technologies and enable them to compare them. The focus will be on heating networks and heat pumps, from source availability to rough pre-dimensioning.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Workload

Attendance time: Seminar 30 h

Self-study: preparation/follow-up, homework/project work 90 h

M

3.66 Module: Theory of Architecture [M-ARCH-103625]**Coordinators:** Prof. Dr. Anna-Maria Meister**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Designing, History, Art and Theory"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-107367	Theory of Architecture	4 CP	Meister

Assessment

Other examination requirements consisting of the active participation in class (oral and written discussion contributions as well as oral presentations) as well as a study assignment whose scope and form depends on the respective task set.

Prerequisites

None

Competence Goal

The students:

- are able to systematically analyze complex branches of architectural theory and to evaluate these in a differentiated manner.
- are able to deal with an assigned or self-chosen topic in the sense of "discursive practice" and to be able to assess it with a view to current architectural practice.
- know the applicable necessary subject-specific terminology and, with the aid of this, they can represent their point of view and communicate this understandably for all in an interdisciplinary exchange.
- are able to work out the key contents of complex architectural texts and interpret these.
- can produce texts independently in accordance with the methods of working scientifically.

By working in research groups their team capabilities have been honed.

Content

In the module "Theory of Architecture" branches of architectural theory are dealt with. The focus in the foreground here are complex enquiries regarding the present and the future of built-up environments. Interdisciplinary references to philosophy, cultural studies, the history of science and technology as well as to current political and social conditions are a key focus.

Module Grade Calculation

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

Additional Information

If necessary with an excursion and/or workshop days.

Workload

In-class time: Seminar 60 h

Self-study: Preparation/follow-up, written paper 60 h

M

3.67 Module: Timber Structures: Materials and Appropriate Design [M-ARCH-106916]

Coordinators: Prof. Dr.-Ing. Riccardo La Magna
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each summer term	1 term	German	4	1

Mandatory			
T-ARCH-113853	Timber Structures: Materials and Appropriate Design	4 CP	La Magna

Assessment

Oral examination lasting approx. 30 minutes

Competence Goal

The students:

- are able to use the building material wood and its derived products in the construction industry in a material-appropriate manner and are aware of possible problems caused by the hygroscopic, anisotropic, heterogeneous and biological properties of wood.
- have developed methods to deal with the scattering properties of wood in construction practice. have trained their questioning and critical thinking skills with regard to well-executed, robust and reliable timber construction details.
- can analyze and evaluate the material-specific quality of construction details based on their understanding of the material. They can name typical load-bearing structures for building construction and the construction and connecting elements required for their manufacture.
- can describe the load-bearing effect of structures and their individual elements
- can identify the advantages and disadvantages of structures and are able to work out design alternatives under given boundary conditions, evaluate them and decide on sensible design and construction solutions on this basis.
- are able to describe the most important damage scenarios and their causes.
- are able to prevent damage through creativity, care and multi-layered networked thinking when designing and calculating load-bearing structures and thus design reliable and durable structures.

Content

- Wood anatomy, wood characteristics, physics of wood and durability
- Wood drying and strength grading
- Solid wood, glued laminated timber, cross laminated timber, wood-based panels, innovative wood products
- Classification of damage independent of building material
- Damage and causes specific to timber construction
- Consequences and recommendations for material-compatible timber constructions

Module Grade Calculation

The module grade is the grade of the oral examination.

Workload

Contact hours (1 SWS = 1 hour x 15 weeks):

- Building materials in timber construction Lecture/exercise: 30 hrs.
- Material-appropriate constructions in timber construction Lecture/exercise: 30 hrs.

Self-study:

- Preparation and follow-up of lecture/exercises: Building materials in timber construction: 15 hrs.
- Preparation and follow-up work for lecture/exercises on materials for timber construction: 15 hours
- Exam preparation: 30 hours

Total: 120 hours

M

3.68 Module: Urban Design and Housing [M-ARCH-105563]**Coordinators:** Prof. Christian Inderbitzin**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Urban- and Landscape Planning"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-111167	Urban Design and Housing	4 CP	Inderbitzin

Assessment

The other type of examination consists of seminar papers in written and/or graphic form of a maximum of 20 pages and a presentation or paper of a maximum of 20 minutes.

Prerequisites

none

Competence Goal

The students:

- have a sound vocabulary of urban planning and subject-specific terms.
- are able to consistently adapt their working methods based on complex and sometimes contradictory influencing factors within the framework of a structured work process.
- have basic knowledge of scientific work and are able to develop their own positions on the topic. They can present this specialist knowledge in a suitable form.

Content

The content of the module is the examination of historical and contemporary questions about the city and living. Different levels of scale and phenomena in connection with the city and housing are addressed. Social and cultural aspects as well as economic factors are addressed as well as architectural and spatial issues.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Workload

Attendance time: Seminar/exercise 60 h

Self-study: Preparation/follow-up, homework/project work 60 h

M

3.69 Module: Urban Design Project [M-ARCH-105671]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [Designing](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
14 CP	graded	Each term	1 term	German/English	4	1

Mandatory			
T-ARCH-107343	Design Project Urban Planning 1	12 CP	Architektur
T-ARCH-111328	Urban Design Specialization	2 CP	Architektur

Assessment

Other examination requirements consisting of two parts:

1. An urban design project that is produced during the semester. Working on the design task is done, as a rule, individually; there are regular supervisions resp. corrections that take place. The progress monitoring occurs during the study course within the framework of one or more intermediate presentations as well as a final presentation. Here the produced results are portrayed and assessed in the form of drawings, models, texts and talks. The duration of the presentation is approx. 20 minutes per project.

2. Performance during the semester for theoretical or practical consolidation of the design topic, as a rule, of a project work with drawings whose scope depends on the respective task assigned or of an oral talk of approx. 15 minutes duration and a written paper on it encompassing approx. 20 pages or an equivalent assessment which has to be coordinated with the examiner.

Prerequisites

none

Competence Goal

The students:

- can analyze and understand situations and tasks assigned that involve a high complexity level within an urban context.
- are able to transfer the urban draft design concept consequently into an urban design project within the framework of a structured design process based on multifaceted parameters such as context, program, formal and spatial effects etc. Thereby they have the ability of being able to include manifold criteria from urban planning, ecology and economics as well as taking into account the socio-cultural and historic contexts.
- can continuously develop and sharpen the original concept as a progressive draft design, during this process they can work out variants and are able to compare and assess these.
- can draw in a design-sure manner from the pool of various different urban design drafting and planning strategies that they have amassed during their studies; they can properly apply, modify and continuously develop these for their own design project.
- are able to, based on the task given, select the necessary degree of detail as well as the fitting presentation and visualization technique, work these out and to thereby develop an individualized, concise and understandable language for the urban design presentation as a drawing, an image and a model.
- are able to choose a suitable specialization based on their design project.
- know the methods and tools that correspond with the specialization area.
- develop their own individual profile within the framework of the study course Architecture through the selection of the specialization design project. They learn about the methods, requirements and ways of thinking of the various different disciplines and are able to apply these.
- are able to work independently and in a set time period on a problem from the discipline that they have chosen regarding their design specialization project according to scientific, design-related, constructive-technical, theoretic-historical, urban planning, organizational and drafting process methods that they have acquired during their studies.

Content

Based on the learned basics of the Bachelor's program, in the module "Urban Design Project" further knowledge on urban planning design based on changing highly complex design projects is imparted. The tasks being worked on require dealing critically with the corresponding urban planning or landscape-related context. The applied methods encompass the analysis of spatial and thematic contexts, the development of an urban planning design concept based on various different scale levels whilst taking into account the spatial, functional and constructive structure in dependence of the materialization, theme and typology. The communication of the results includes the choice of the fitting presentation technique going from the conceptual draft to plans all the way to analog or digitally generated models. The independent detailed working on of the supervised design project includes applying the knowledge and competencies that come from all areas of architectural studies.

The urban design specialization is always an accompanying course to an urban design project and can be, depending on the respective task, taken with the examiner of the design or with another examiner. In various different course formats (workshops, seminars, lectures, tutorials) knowledge, methods, strategies and (digital) design tools are taught which are based on the respective design topics.

Module Grade Calculation

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

Additional Information

With a mandatory excursion.

Design project and design specialization must be connected in terms of content and completed in the same semester.

Workload

In-class time: Supervision/presentations 90 h

Self-study components: Development of an architectural design and design specialization 330 h

M

3.70 Module: Urban Typologies [M-ARCH-103632]**Coordinators:** Prof. Markus Nepl**Organisation:** KIT Department of Architecture**Part of:** [Architectural Core Competences from 01.04.2022 \(Compulsory Elective Subject "Urban- and Landscape Planning"\)](#)
[Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each summer term	1 term	German/English	4	1

Mandatory			
T-ARCH-107374	Urban Typologies	4 CP	Nepl

Assessment

Other examination requirements consisting of an oral presentation of the work results (duration approx. 15 minutes).

Prerequisites

None

Competence Goal

The students:

- are capable of organizing their work processes in a timely and content-related manner and are able to present the work results in an appropriate manner within the team.
- are able to analyze various different building development and usage structures as well as different typologies coming from a historical or modern context.
- are able to produce their own individual layouts and floor plans for both residential and office buildings.
- are able to present the analysis results in an oral, written and drawing format.

Content

Analysis and systematization of various different building development and usage structures. Analysis of examples of different typologies from a historical and a modern context. In-depth look at the usage foci residential living. Basics of the layouts and floor plans of both residential and office buildings. Teaching development systems for different typologies. Working out an example of a hybrid residential and office building.

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

3.71 Module: Virtual Engineering [M-ARCH-103618]

Coordinators: Prof. Dr.-Ing. Petra von Both
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each summer term	1 term	German/English	4	1

Mandatory			
T-ARCH-107360	Virtual Engineering	4 CP	von Both

Assessment

The main focus of the other examination requirement is producing a digital model, its written/drawn composition and the digital documentation. In addition, a 15-minute presentation and a discussion of the results takes place.

Prerequisites

None

Competence Goal

The students:

- know how to properly use, deal with and implement IT methods and tools in order to create a model-based planning draft as well as being able to reflect on the application of planning and work methods which are based on this.
- know the basic principles of model-based planning and virtual engineering.
- know select tools, technologies and methods of virtual engineering.
- are able to critically assess the methods and technologies taught in the course and apply these for relevant problems.
- understand the principles of setting up virtual models and are capable of implementing these principles with the suitable technical tools.

Content

Building Lifecycle Management includes the continuous integration of information and processes that are produced within a building lifecycle. An important fundament for this is an intelligent, virtual building model that in addition to the graphic and geometric description can also display semantic information on the various different discipline-specific aspects and lifecycle phases. In the module "Virtual Engineering" the students are taught methodic and technical knowledge on the topics of model-based planning and virtual design. The theoretical basics and practical aspects of virtual engineering as well as respective select methods and technologies for different processes within the planning process are dealt with.

Module Grade Calculation

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

Workload

In-class time: Seminar 60 h

Self-study: Preparation/follow-up, written paper/project 60 h

Recommendations

Knowledge of the basics of building information modeling as well as planning methodology are helpful.

M

3.72 Module: Workshop Impromptu Designs [M-ARCH-104079]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

Credits
4 CP

Grading
graded

Recurrence
Each term

Duration
1 term

Language
German/English

Level
4

Version
1

Mandatory			
T-ARCH-108459	Workshop Impromptu Designs	4 CP	Architektur

Assessment

The other type of examination consists of architectural or urban design work with a limited processing period of approximately three weeks. The design task is completed in individual or group work, with regular supervision and corrections.

Success is assessed during the course of study in one or more interim and final presentations. The results achieved are presented and evaluated in the form of drawings, models, texts and lectures. The presentation lasts approx. 10 minutes per project.

Prerequisites

none

Competence Goal

The students:

- can independently develop concepts and ideas from what they have already learned and implement them within a limited period of time.
- know methods and strategies for the rapid development of possible solutions and can apply them.
- are familiar with a broad spectrum of creative and organizing principles, develop these and apply them.
- are able to select and develop the necessary level of detail and suitable representation and visualization depending on the task.

Content

The workshop deals with medium-sized design tasks. The thematic spectrum ranges from architectural to urban planning tasks.

Module Grade Calculation

Module grade is the grade of the other type of examination.

Additional Information

possibly with compulsory excursion

Workload

Presence time: Presentations 5-30 h

Self-study: design work 90-115 h



4 Module components





T

4.1 Module component: Adaptive Reuse [T-ARCH-111341]

Coordinators: Dr. Anette Busse
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105681 - Adaptive Reuse](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Irregular	1

Courses					
WT 25/26	1741396	Adeptive Reuse: Past _ Present _ Perspective Future	2 SWS	Seminar / 	Medina Warmburg, Busse
ST 2026	1741393	Building in Existing Contexts: Adaptive Reuse of Historic Monastery Complexes _ The Tension Between Preservation and Renovation	2 SWS	Seminar / 	Medina Warmburg, Busse

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

Prerequisites

none

Workload

120 hours

Below you will find excerpts from courses related to this module component:

V

Adeptive Reuse: Past _ Present _ Perspective Future

1741396, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

The frequency of technical and social change and the associated adjustments and modernizations that accompany increasing technological advancement, growing demands and standards, and the increasing implementation of a rising mechanized and digitized infrastructure are becoming ever shorter, and as a result, the obsolescence of various building typologies has increased exponentially. In this seminar, we want to analytically understand the predicted obsolescence and examine how different interventions and transformations can be used to develop a reprogramming of systems. The focus is explicitly on unusual structures, such as tourist infrastructures, whose half-life is subject to even more extreme replacement due to constantly increasing demands and changing standards.

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

Number of participants: 12

Focus of study: Architectural and Cultural Heritage

V

Building in Existing Contexts: Adaptive Reuse of Historic Monastery Complexes _ The Tension Between Preservation and Renovation

1741393, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

The conversion of large historical complexes with small-scale structures, such as monasteries, is the starting point for examining strategies of transformation in the contradictory forces between preservation and renewal. The methodological principles for designing buildings in a way that preserves their existing structure, the detail and depth of the interventions, and the shaping of their design between old and new are addressed comparatively. The different approaches to definition and structural implementation are analyzed and discussed comparatively using examples. Methodological investigations ranging from conservation to reprogramming, interpretation, and further construction to transformation and reconstruction form the basis for classification and comparative interpretation, which can be transferred to other existing structures.

2 mandatory excursions to the archive/saai

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

Number of Participants: 12 Master

Focus of study: Architectural and Cultural Heritage

T

4.2 Module component: Art History [T-ARCH-107369]





Coordinators: Studiendekan/in Kunstgeschichte

Organisation: KIT Department of Architecture

Part of: [M-ARCH-103627 - Art History](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1741315	Art History: Mythology and Natural Philosophy in Early Modern Art	2 SWS	Seminar / 	Muñoz Morcillo
WT 25/26	1741318	Art History: Photography and its Theories	2 SWS	Seminar / 	Fiorentini Elsen
ST 2026	1741314	Art History: History Painting in the Early Modern Period	2 SWS	Seminar / 	Papenbrock
ST 2026	1741321	Art History: Photo/Landscape. Documentation, Criticism, Aesthetics from the Beginnings to the Present Day	2 SWS	Seminar / 	Fiorentini Elsen
ST 2026	1741322	Art History: Exhibition Stories/ Histories: Epoch-Making Art Exhibitions	2 SWS	Seminar / 	Kelly
ST 2026	1741325	Art History: Painting meets photography: The work of artist Gerhard Richter	2 SWS	Seminar / 	Fiorentini Elsen

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

Assessment

Other examination requirements consisting of an oral exam (qualified discussion contributions, oral talk or an oral exam of approx. 15 minutes duration) and a written paper encompassing approx. 20 pages.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Art History: Mythology and Natural Philosophy in Early Modern Art

1741315, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

In early modern art, mythology and natural philosophy often merge into complex works in which new and old worldviews coexist. Mythological motifs unfold new political, social, and philosophical dimensions, while ancient natural philosophy comes into contact with new observations of nature. This is evidenced by allegorical works, mythological paintings, and landscape paintings, among other things. In this seminar, we will analyze these entanglements of myth and nature in the works of artists such as Benvenuto Cellini, Jan Brueghel the Elder and the Younger, Joachim von Sandrart, Claude Lorrain, Nicolas Poussin, Salvatore Rosa, Peter Paul Rubens, Rembrandt, Jacob van Ruisdael, or Giovanni Battista Tiepolo.

Appointment: Fri 11:30 - 1 pm, Bldg. 20.40, R124 FG KG

Submission/Exam: written elaboration, 31.03.2026

Number of Participants: 3

V

Art History: Photography and its Theories

1741318, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

By exploring selected texts, objects and ideas, we will question theories dealing with the significance of photography as both an image process and an image object. While the focus of the discussion will evolve throughout our work, we will always consider questions of objectivity and cognition, the reality and truthfulness of photographic technologies and images, and the social potential and artistic significance of photographic images. You can present and discuss during the seminar, and write your final thesis in English.

Appointment: Wed 9:45-11:15 am, Bldg. 20.40, R124 FG KG

Submission/Exam: written elaboration, 31.03.2026

Number of Participants: 5

Organizational issues

Die Teilnahme an der ersten und letzten Sitzung ist verpflichtend.

Attending the first and last sessions is mandatory!

**Art History: History Painting in the Early Modern Period**

1741314, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In the early modern period, history painting was considered the most distinguished genre of painting. The genre included historical events as well as stories from the Bible or ancient mythology. In this seminar, selected history paintings from the 15th to the early 19th century will be presented, analyzed, and discussed from the perspective of their understanding of history.

Submission/Exam: written elaboration, 30.09.2026

Number of Participants: 3

**Art History: Photo/Landscape. Documentation, Criticism, Aesthetics from the Beginnings to the Present Day**

1741321, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

How do landscape and photography relate to each other? In this seminar, we will explore this question using landscape photography as an image practice and a genre that is difficult to define. We will examine which concepts are important for landscape photography (realism, reality, beauty?), which types of landscape photography exist, and in which fields landscape photography has an impact. We will evaluate phenomena of landscape photography in various image systems (in art and science, in the military, in travel and everyday culture...) and take as our working coordinates the documentary claim of landscape photography, its critical function, and its aesthetic statement. You can contribute in English (Abstract and presentation, discussion, and written paper)

Submission/Exam: written elaboration, 30.09.2026

Number of Participants: 3

Organizational issues

Die Teilnahme an der ersten Sitzung ist verpflichtend |

Attending the first session is mandatory!

**Art History: Exhibition Stories/Histories: Epoch-Making Art Exhibitions**

1741322, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Exhibition venues and museums in Germany recorded 107.4 million visits in 2024 alone, (source: German Museums Association). But what does this encounter between art and the public actually look like? How do curators succeed in engaging visitors and sparking social discourse? What kind of strategies are executed, how much effort is involved, and which viewing habits are sometimes challenged or even disrupted in these exhibitions? Following a historical timeline – from established showcases such as the Paris Salon to scandal-provoking installations in contemporary exhibition practice, such as *documenta fifteen* – we will trace pioneering formats and their impact on the art world and art history.

Submission/Exam: written elaboration, 30.09.2026

Number of Participants: 3

**Art History: Painting meets photography: The work of artist Gerhard Richter**

1741325, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Through various groups of works, we learn about the career of artist Gerhard Richter, his motivation and intention, and the principles that guide his image production. Richter's idiosyncratic use of photographic techniques in his painting raises questions about the meaning of reality, objectivity, and history in Richter's images and pictorial processes, as well as his understanding of abstraction. It also raises questions about his conception of perception and sensation in relation to natural space as well as to the image. All of this has consequences for the political position of his art. You can contribute in English (discussion, abstract, presentation, written paper).

Submission/Exam: written elaboration, 30.09.2026

Number of Participants: 3

Organizational issues

Erste Sitzung ist Pflicht!



Attending the first session is mandatory!





T

4.3 Module component: Building and Structure [T-ARCH-112099]

Coordinators: Prof. Dr.-Ing. Riccardo La Magna
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105956 - Building and Structure](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each term	1

Courses					
WT 25/26	1720759	Building & Structure	2 SWS	Seminar / 	La Magna, Bechert, Müller, Andersson Lagueche, Haußer
ST 2026	1720759	Building & Structure	2 SWS	Lecture / Practice / 	La Magna, Haußer, Andersson Lagueche, Müller

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

Assessment

Other examination requirement consisting of the unsupervised structural design of an architectural design project. Working on the structural design of a project occurs individually or in groups during the semester. The final delivery consists of an information document summarising specific structural aspects of the architectural projects, ranging from presentation of plans, choice of building material, idealization of the structural system, description of load-bearing mechanism up to the development of at least one representative constructive detail.

Below you will find excerpts from courses related to this module component:

V

Building & Structure

1720759, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The Building & Structure seminar examines the functional and effective modes of structural design in more detail. Therefore, the use and the limitations of materials like timber, steel, concrete and clay will be analysed in detail. In addition, special structures and their load-bearing mechanisms are examined and analysed, which serves to develop and support the designs. As part of the lecture, expert lectures will provide insights into various fields of structural design.

1st meeting: Wed. 29.10.2025; 11:30 a.m.

Mandatory meeting

Rule date: Wed. 11:30 a.m. – 1:00 p.m.

Delivery/Examination: after announcement

Number of participants: unlimited

Organizational issues

Das Kontingent für dieses Seminar ist Unbegrenzt, bitte wenden Sie sich an das Sekretariat

The quota for this seminar is unlimited, please contact the secretariat.

V

Building & Structure

1720759, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

**Lecture / Practice (VÜ)
On-Site**

Content

The Building & Structure seminar examines the functional and effective modes of structural design in more detail. Therefore, the use and the limitations of materials like timber, steel, concrete, and clay will be analysed in detail. In addition, special structures and their load-bearing mechanisms are examined and analysed, which serves to develop and support the designs. As part of the lecture, expert lectures will provide insights into various fields of structural design.

Mandatory lecture series

1st meeting: Wed. 22.04.2026; 11:30 a.m. Bldg. 20.40, HS 9

Lectures: Wed. 11:30 a.m. – 1:00 p.m.

Deliverables/Examination: after announcement

Number of participants: unlimited

T

4.4 Module component: Building Studies and Design [T-ARCH-107372]

Coordinators: Prof. Stéphanie Bru
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103630 - Building Studies and Design](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each winter term	1

Courses					
WT 25/26	1710208	Hypercomfort: Anticipations, WIP Borderline(s) Investigation #02	2 SWS	Seminar /	Bru, Brückner, Ingold
WT 25/26	1710209	Hypercomfort: About Typologies - Collective Catalog, Borderline Investigation #2	2 SWS	Seminar /	Bru, Schneider, Amon, Brückner, Ingold, Kunkel
ST 2026	1710208	Building Studies and Design: Hypercomfort: Anticipations, WIP Borderline(s) Investigation #03	2 SWS	Seminar /	Bru, Brückner, Ingold

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

Assessment

Other examination requirements consisting of a tutorial, model or picture as well as, if necessary, model-related construction tasks taking place during the semester.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Hypercomfort: Anticipations, WIP Borderline(s) Investigation #02

1710208, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Hypercomfort

Anticipations - WIP
 Borderline(s) Investigation #02

Seminar 2 constitutes an additional collective investigation undertaken within a smaller group of collaborators. The focus will be the east courtyard of the architecture faculty, examined as the site for a prospective pavilion. Following the dismantling of the previous structure, the seminar will seek to identify and interpret the evolving parameters that the patio reveals.

At every scale, constraints are accompanied by possibilities. A crack, a residue, a misalignment— each may be understood as an opening, a process which emphasizes opportunities. The seminar will be accompanied through a series of input sessions to enrich it's potential. Through collective exercises and discussions, a comprehensive understanding of context will be developed, both as a tool for anticipation and as an integral part of an ongoing design process

Language of Instruction: German/English

Seminar: Wednesdays 09:45 - 11:15 Uhr in R112 (GBL).

First meeting: 05.11.2025, R112

Dates in 2025: Wed 05.11.2025, Wed 12.11.2025, Wed 26.11.2025

Pin-up: 10.12.2025

In 2026 Block seminars after consultation with students (14 January 2026–4 March 2026)

Submission + Final Presentation: 04.03.2026

Number of participants: 7

Application: by Portfolio sent to stephanie.bru@kit.edu until Thursday, 29.10.2025 23:59 Uhr

Focus of study: Architectural and Cultural Heritage

V

Hypercomfort: About Typologies - Collective Catalog, Borderline Investigation #2

1710209, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Seminars GBL Master (WS 25/26)

Hypercomfort

About Typologies - Collective Catalogue

Borderline(s) Investigation #02

This seminar focuses on the study of architectural typologies through criteria related to the issues of hypercomfort. The aim is to develop a critical methodology: identification of case studies, analysis of spatial and constructive systems, and the unveiling of underlying logics.

Plans will be systematically redrawn to enable comparative readings and to open the way for transversal deductions. The work will culminate in a collective catalogue, conceived both as an analytical tool and as a basis for questioning how architecture translates, produces, or subverts contemporary conditions of comfort.

Language of instruction: German/english

First Meeting: 29.10.25

Seminar: Wednesdays 09.45 - 11:15 am, R113, seminar room GBL

1. Meeting: 05.11.2025 (9.45, R113)

From 12.11.2025, every two weeks

Submission: 04.03.2026

Number of participants: 17

Focus of study: Architectural and Cultural Heritage

V

Building Studies and Design: Hypercomfort: Anticipations, WIP Borderline(s) Investigation #03

**Seminar (S)
On-Site**

1710208, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

Content

The seminar extends a collective inquiry initiated last semester. Building on research, accumulated knowledge and conceptual ideas from investigating plastics and lightweight structures in the previous semester, we develop an ephemeral structure for the east courtyard of the faculty. Through workshops, the project is framed as a precise negotiation between material performance, economy and context. Constraints become instruments. Existing conditions are not obstacles but active matter. With a performative and constructive rigor, we transform limitations, numbers and details into flourishing anticipations of transformation— a temporary architecture that tests structure, resource and atmosphere.

Project presentation: 13.04.2026 Seminarbasar

First meeting: TBD R112

Meetings: After consultation with students from the previous seminar

Submission + Final Presentation: TBD

Number of participants: 7, continuation from previous semester

Focus of study: Architectural and Cultural Heritage





T

4.5 Module component: City Theory [T-ARCH-107377]

Coordinators: Prof. Dr.-Ing. Barbara Engel
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103635 - City Theory](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each winter term	1

Courses					
ST 2026	1731172	City Theory/Research Seminar: Mapping Hambach. Identities in Transition	2 SWS	Seminar / 	Engel, Böcherer, Vollmer

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

Assessment

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

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

City Theory/Research Seminar: Mapping Hambach. Identities in Transition

1731172, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The Rhineland mining region, once dominated by lignite mining, is undergoing structural change in the wake of the coal phase-out. Which places shape the image of the region in people's minds – what consequences does the disappearance or relocation of places have for the collective identity? The seminar will examine selected places around the Hambach open-cast mine from spatial, emotional, cognitive and visual perspectives. Part of the seminar is an excursion to the Rhineland mining area, where analyses will be carried out on site and the results will then be discussed with citizens and professionals at tu!Hambach. Travel and accommodation costs of 100 € are to be expected.

Appointment: Tuesday 11.30 - 13:00 h, bldg. 11.40 R013

Excursion: probably June 12 - 14, 2026

First Meeting: Tue 21.04.2026

Submission/Exam: Tue August 18, 2026

Number of Participants: max. 10BA/10MA

Form: Single/Teams of two

Focus of study: Urban Design





T

4.6 Module component: Communication of Architecture [T-ARCH-107368]

Coordinators: Prof. Dr. Riklef Rambow
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103626 - Communication of Architecture](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
ST 2026	1710452	a*komm on-site: Paris. The Image of a City (with Excursion)	2 SWS	Seminar / 	Rambow, Kosenina

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

Assessment

Other examination requirements consisting of a presentation lasting 30 minutes within the framework of the course and a written composition encompassing approx. 15 pages.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

a*komm on-site: Paris. The Image of a City (with Excursion)

1710452, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The city of Paris has it all: it is the epitome of a European metropolis, a hub of political, economic, and cultural power and significance. It boasts an architectural heritage of overwhelming diversity and quality, but is still the birthplace of revolutions, innovations, and avant-garde movements. Paris faces enormous challenges in terms of housing supply, environmentally friendly mobility, and social justice, which can only be tackled by a determination to engage in constant renewal. In the seminar, we will analyze the contributions that architecture and urban planning make to these developments, both theoretically and through examples. On the excursion, we will physically and sensually immerse ourselves in the vibrant image of a city that is Paris.

The excursion to Paris is an essential part of the course. The organisation of travel and accommodation will be supported. Total costs of approx. 500 euros are to be expected.

Excursion: Paris, probably 28.09.–01.10.2026

Submission/Exam: 01.10.2026

Number of Participants: max. 25

Focus of Study: Architectural and Cultural Heritage

T**4.7 Module component: Course in the Study Workshop Modell [T-ARCH-107423]**

Coordinators: Bastian Gäng
Andreas Heil
Philipp Jäger

Organisation: KIT Department of Architecture

Part of: [M-ARCH-105682 - Key Qualifications](#)

Type	Credits	Grading	Term offered	Version
Coursework	2 CP	pass/fail	Irregular	1

Prerequisites

none

T**4.8 Module component: Course in the Study Workshop Photography [T-ARCH-107422]**

Coordinators: Bernd Seeland
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

Type	Credits	Grading	Term offered	Version
Coursework	4 CP	pass/fail	Each term	1

T

4.9 Module component: Design Project 2 [T-ARCH-107344]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-105672 - Design Project

Type	Credits	Grading	Term offered	Version
Examination of another type	12 CP	graded	Each term	2

Courses					
WT 25/26	1700050	Independent Design Project		Project	von Both, Bru, Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Kaiser, Müller, Neppl, Schifferli
WT 25/26	1710111	« Back to the Future? » (Frohn)	5 SWS	Project / 🎯	Frohn, Streicher
WT 25/26	1710206	Insulation, Unbekannte Typologien der Zukunftsvorstellung, Borderline Investigation #2 (Bru)	5 SWS	Project / 🎯	Bru, Schneider, Amon, Brückner, Ingold
WT 25/26	1710303	Ugly Ducklings 1 - On Maintainability (Hartmann)	5 SWS	Project / 🎯	Hartmann, Coricelli, Kadid, Vansteenkiste, Zucchello
WT 25/26	1710304	What happens to the Inn when there is nobody in? (Ritz/Closs)	5 SWS	Project / 🎯	Closs, Ritz, Grün
WT 25/26	1720503	The Open House (Mueller)	5 SWS	Project / 🎯	Müller, Bessai, Süßmann, Alves Rocha
WT 25/26	1720601	KARLSRUHE.ART.COURT. - Expansion of the Staatliche Kunsthalle Karlsruhe on the grounds of the Karlsruhe District Court (Hebel)	5 SWS	Project / 🎯	Hebel, Boerman
WT 25/26	1720609	Designing the In-Between (Müller)	5 SWS	Project / 🎯	Müller, Gerteiser
WT 25/26	1720701	Micro-Living (von Both)	5 SWS	Project / 🎯	von Both, Koch, Seiler-Cuesta
WT 25/26	1720805	Urban PopUp Fabrication – Co-creating digitally enabled earth-based building systems in Ghana (Dörstelmann)	5 SWS	Project / 🎯	Dörstelmann, Feldmann, Fuentes Quijano
WT 25/26	1731058	Quartier La Fonderie_New neighbourhoods on the Quai d'Oran (Neppl)	5 SWS	Project / 🎯	Neppl, Krüger, Hetey
WT 25/26	1731065	Student competition 'Mühlburger Feld' Karlsruhe_Inclusive Thinking – Renovation Begins in the Mind (Neppl)		Project / 🎯	Neppl
WT 25/26	1731160	Lasna!dee. Perspectives for Resilient Neighbourhoods in Kuristiku / Talinn (Engel)	5 SWS	Project / 🎯	Engel, Staab, Vollmer
WT 25/26	1731210	Thinking about the Garden (Schifferli)	5 SWS	/ 🎯	Schifferli
WT 25/26	1731260	The Light and the Heavy (Inderbitzin/Clauss)	5 SWS	Project / 🎯	Inderbitzin, von Zepelin, Nalbach, Schmitt, Savic
ST 2026	1710107	The Tower and the Pavillion (Frohn)	5 SWS	Project / 🎯	Frohn, Streicher

ST 2026	1710204	Borderline(s) Investigations #03 What if the real challenge were not to transform the building, but to transform ourselves? (Bru)	5 SWS	Project / 🎧	Bru, Amon, Ingold, Brückner, Kunkel
ST 2026	1710302	Ugly Ducklings - On Maintainability 2 - Architekturgebäude (Hartmann)	5 SWS	Project / 🎧	Hartmann, Kadid, Coricelli, Vansteenkiste, Zucchello, Giubbini
ST 2026	1710308	FITNESS(Etal.)	5 SWS	Project / 🎧	Grün, Masla, Bengtsson, Syren
ST 2026	1720555	RO-WARE – Reuse of the ROTAG site (Klinge)	5 SWS	Project / 🎧	Klinge, Schmidt, Weber
ST 2026	1720601	Renovation first! A new building for the KIT Faculty of Architecture on the South Campus (Hebel)	5 SWS	Project / 🎧	Hebel, Dörstelmann, Kaiser Hirt, Behringer
ST 2026	1720604	Sch(l)auinsland: Renovation of the university building on Schauinsland near Freiburg (Hebel)	5 SWS	Project / 🎧	Hebel, Kaiser Hirt, Behringer
ST 2026	1720609	Selected Topics of Building Technology: CONTINUUM I. (Müller)	2 SWS	Seminar / 🎧	Müller, Gerteiser
ST 2026	1720652	Constructing DOMINO CIRCULAR (Kaiser)	5 SWS	Project / 🎧	Kaiser, Erlewein
ST 2026	1720701	After the Credits – The Future of the Inner-City Cinema at Europaplatz, Karlsruhe (von Both)	5 SWS	Project / 🔄	von Both, Koch, Seiler-Cuesta
ST 2026	1731086	Former Lisnave Shipyards: A New Urban Waterfront for the Lisbon Metropolitan Area (Neppl)	5 SWS	Project / 🎧	Neppl, Giralt, Haug
ST 2026	1731160	Pfintzal – from City to Countryside. Rethinking suburban regions (Engel)	5 SWS	Project / 🎧	Engel, Böcherer, Vollmer
ST 2026	1731210	Think Garden (Schifferli)	5 SWS	Project / 🎧	Schifferli, Zuber, Wasik, Viohl
ST 2026	1731260	Housing, What Do You Want to Be? (Clauss/Inderbitzin)	5 SWS	Project / 🎧	Clauss, Inderbitzin, von Zepelin, Nalbach, Schmitt, Savic

Legend: 🎧 Online, 🔄 Blended (On-Site/Online), 🎧 On-Site, ✕ Cancelled

Assessment

Other examination requirements consisting of an architectural or urban design project that is produced during the semester. Working on the design task is done, as a rule, individually; there are regular supervisions resp. corrections that take place. The progress monitoring occurs during the study course within the framework of one or more intermediate presentations as well as a final presentation. Here the produced results are portrayed and assessed in the form of drawings, models (analog and/or digital), texts and talks. The duration of the presentation is approx. 20 minutes per project.

Below you will find excerpts from courses related to this module component:

V

Independent Design Project

1700050, WS 25/26, SWS, Language: German/English, [Open in study portal](#)

Project (PRO)

Content

An independent design project can be completed at all design professorships. For this purpose the task should be prepared independently. If you are interested, please contact the corresponding professor.

V

« Back to the Future? » (Frohn)

1710111, WS 25/26, 5 SWS, Language: English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Flexibility, participation, spatial freedom, long-term adaptability - these are today's architectural buzz-words. Looking back into architectural history, we realize it was the very same set of promises that drove the discipline half a century ago. Looking back fifty years - from the then imagined self-determined and flexible future - it is our conviction that we cannot just repeat the same mantras. Instead, we need to be aware of the broken promises and understand their inherent contradictions. Our studio focuses on exactly this déjà-vu. Few architects embodied the above-mentioned ideals as rigorously as Hermann Hertzberger.

His Centraal Beheer project - modular, open, democratic - was imagined as a proto-city, a collective framework for freedom and adaptability. Yet its spatial reality reveals deep paradoxes. A building designed as a city turns inward and is disconnected from its context; a flexible grid becomes monotonous, disorienting and rigid. Structural coherence from the architect's perspective undermines spatial legibility by its users. The non-hierarchical plan, meant to empower, introduces forms of control.

The building has been sitting empty for twelve years. Today, half a century after its realization, the project stands as both promise and paradox.

Our studio neither seeks to restore nor to preserve Hertzberger's project.

Instead, in a first step the students will carefully analyse it. Based on the in-depth understanding they will reformulate its original promises and develop programmatic and architectural strategies for its renewed occupation. Will it be a place of self-determination and long-term resilience? If so: what are the architectural strategies supporting this promise?

Appointment: Thursdays

1st meeting: Thu, 29.10.2025, 14:00

Submission/Examination: TBD

Final critic: TBD

Language: English

Excursion: Amsterdam

V

Insulation, Unbekannte Typologien der Zukunftsvorstellung, Borderline Investigation #2 (Bru)

1710206, WS 25/26, 5 SWS, Language: English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

Design Studio Bru/GBL Master (WS 25/26)

Insulation

Unknown Typologies of Future Anticipation

Borderline(s) Investigation #02

Insulation is central to architecture, yet too often reduced to thermal comfort, a technical device meant to satisfy performance standards. Yet such a purely technical reading neutralizes experience and tends to uniformize architecture. Beyond a barrier, insulation can be understood as interface or a membrane. Since the 19th century, innovations such as curtain walls, air conditioning, acoustic devices, have redefined the envelope— not as fixed contour, but as a succession of filters and regulations. Architecture is no longer simply a shelter, but a machine negotiating flows. Insulation is never absolute: to isolate always means to relate differently, to filter, to select. In this sense, it is more a threshold operator than a watertight wall.

In an era of climatic instability and resource uncertainty, buildings must adapt in permanent negotiation. An Innovation arises less from invention ex nihilo than from reconfiguring what exists, revealing hidden potentials of sites, materials, and uses.

Our studio proposes to consider insulation as a critical lens to think how architecture can open and close, absorb and reflect. The project develops from the attentive observation, listening, and making—through detail, material, and prototype—become acts of transformation, local and territorial, intimate and collective.

Architecture, then, is not reduced to the protective enclosure of “four walls and a roof,” but becomes an art of atmosphere.

PHASE I – OBSERVATION 🗺️

PHASE II – MAKING

🗺️PHASE III – BINDING FRAGMENTS

Language of instruction: English, (german)🗺️

Project presentation: 20.10.2025, 09:30 Uhr, Fritz-Haller-Hörsaal

First meeting: 30.10.2025 09:30 Uhr, R113 seminar room GBL

Meetings: Thursdays starting at 09:30 Uhr Studio🗺️

Excursion: 14.11.2025 - 16.11.2025

🗺️Pin-up: to be announced🗺️

Submission + final presentation: 26.02.2026🗺️

Focus of study: Architectural and Cultural Heritage

V

Ugly Ducklings 1 - On Maintainability (Hartmann)1710303, WS 25/26, 5 SWS, Language: English, [Open in study portal](#)**Project (PRO)
On-Site****Content**

Architectural discourse tends to emphasize heroic achievements of design: Novelty of spaces and expression, Performative aspects, seductive atmospheres, and many more.

Our studio proposes to expand this dominant view by turning to the “Ugly Ducklings” of architectural design: overlooked topics that hold untapped design potential. This semester, we focus on maintenance.

Maintenance is an act of caring and arguably the most fundamental ‘use’ of a building, yet it is rarely part of the design process. The way a building is cleaned and maintained is closely related to the way it is lived. At its core, maintenance extends the lifespan of buildings. While current debates emphasize reuse, disassembly, and circular construction, maintainability arguably precedes them.

To design competently today, we must think strategically about who will care for buildings and how. The act of maintaining is, of course, closely related to that of building, and therefore the understanding of one will inform the other. Maintenance bridges making and using, connecting architecture before completion (planning, design, construction) with its afterlife (occupation, repair, reuse, transformation).

Our studio topic will be the conception of a contemporary Trade and Technical Vocational School (Technisch- Gewerbliche Berufsschule) in the city of Berlin, where maintenance and repair on urban and architectural scales have been crucial in developing the city into its current form.

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. Simultaneously, students will build a thick description of the site and the topic. The strategies distilled from this research will be applied to the site through adaptation and testing of anticipatory design strategies, and further developed in projects.

Appointment: Th. 10:00 AM - 05:30 PM, 20.40 R204 Zeichensaal

First meeting: 30.10.2025, 10:00 AM, Geb. 20.40 R204 Zeichensaal

Excursion: 14.11.2025-16.11.2025 Berlin

Final Presentations: 26.02.2026

Output: Individual work

V

What happens to the Inn when there is nobody in? (Ritz/Closs)1710304, WS 25/26, 5 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)
On-Site****Content**

Cabaret artist Gerhard Polt describes the village inn as “the forum of the Italians, the piazza, but with a roof. It was a place of exchange, a catalyst for opinions, knowledge, and information.” But what happens to village communities when such social anchor points disappear? What concepts can we use to revitalize rural areas?

Rural regions in Germany – shaped by historic buildings, agricultural structures, and evolved settlement patterns – are currently under immense pressure to transform. The emigration of young people and the changing nature of work have led to an aging population, the decline of communal structures, and increasing building vacancies in rural areas. Recent trends, however, show that high rents in cities and the growing establishment of digital work models are triggering a “new Landlust (longing for the countryside)”.

How can the existing building stock be transformed and adapted to meet today's needs, while minimizing land use and emissions? How can rural areas once again become attractive places for living, working and community?

This semester will focus on the former inn *Sedlmayr* in Zangberg in Upper Bavaria. Using this vacant building in the village center as a case study, students will develop new concepts for community life in rural areas and explore architectural strategies for working with existing structures. They will define independent priorities in the fields of community, housing, or work, and formulate a personal attitude on dealing with the built heritage.

Appointment: Th. 10:00 AM - 05:30 PM, R221, 20.40

First meeting: 30.10.2025, 10:00 AM, 20.40 R221

excursion: 14.11.2025 – 16.11.2025 / München + Zangberg

Pin-Ups: 11.12.2025

Form: Individual work

Submission/Exam: 25./26.02.2026

V

The Open House (Mueller)1720503, WS 25/26, 5 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)
On-Site**

Content

Offices and authorities represent an important interface between citizens on the one hand and the political sphere on the other. They translate political decisions into practice, regulating and organizing our coexistence. Yet even though their function couldn't be more public, city administrations, town halls, and government offices often appear as the exact opposite of a "public building." Many people perceive going to the office as inconvenient and annoying.

The design aims to counter this image with an optimistic type of office, as a "public building" in the best sense of the word. In a multifunctional building, the students will investigate how several public functions can be interconnected and spatially related to one another. The administration can be conceived together with spaces for sports, leisure, and culture, as well as places for political participation, and thus linked to the surrounding urban space.

In addition to the program and organization, tectonics and construction play a crucial role. Open building structures allow for different uses and offer the possibility for a building to change both in terms of content and space. A supporting structure that allows for openness of use and appropriability is therefore just as important a design goal as a sustainable and climate-adapted construction method.

Regular appointment: Thu 14:00-18:00

1st meeting on 30.10.2025 at 14:00 in R240

Intermediate critique 1: 20.11.2025

Intermediate critique 2: 18.12.2025

Intermediate critique 2: 22.01.2026

Final presentation: 26.02.2026

Form of work: individual work

V

KARLSRUHE.ART.COURT. - Expansion of the Staatliche Kunsthalle Karlsruhe on the grounds of the Karlsruhe District Court (Hebel)

**Project (PRO)
On-Site**

1720601, WS 25/26, 5 SWS, Language: German/English, [Open in study portal](#)

Content

The Staatliche Kunsthalle Karlsruhe, opened in 1846 as one of Germany's first public museums, is one of the most important art museums in the state. In order to present its collections in a contemporary manner and better fulfil its educational mission, the museum needs modern premises. A competition was therefore launched in 2017, from which Staab Architekten emerged as the winner in 2018. In addition to the renovation and restructuring of the historic main building, which will be implemented from mid-2024, ideas for an extension of equal value on the neighbouring district court site and an underground passage connecting the buildings were also presented.

As part of the design studio, this functionally and programmatically necessary extension is to be developed in line with circular construction principles, while preserving the existing building. The 'Kunsthalle der Gegenwart' will house collections from the 20th and 21st centuries, special exhibitions, offices for art history and communication, a copperplate engraving cabinet and rooms for paper restoration. The former courthouse, built in 1962, will also be opened to the urban community and will house a restaurant and an art library. The extension represents the transformation of the museum into an open, inviting art campus for social exchange and cultural participation in Karlsruhe.

Support: Elena Boerman

Wednesdays and Thursdays in Studio

First Meeting: 30.10.2025, 10.00 AM (Bldg. 20.40, R tbd)

Important Dates: 18.11.2025, 09.12.2025, 15.01.2026

Excursion: 15.-16.11.2025, Museological Tour

Submission: 24.02.2026

Presentation: 26.02.2026

Form: Teamwork

Focus of study: Architectural and Cultural Heritage

V

Designing the In-Between (Müller)

**Project (PRO)
On-Site**

1720609, WS 25/26, 5 SWS, Language: German, [Open in study portal](#)

Content

A look back at history shows that houses can be used, expanded, and adapted over generations. Today, however, buildings are often demolished after significantly shorter periods of time. The reasons for this rarely lie in the poor quality of the buildings or their materials, but rather in the desire for maximum returns and land use. The construction of a building is crucial to its adaptability: whether it can be repurposed, expanded, added to, or adapted to changing needs depends largely on its structure. Changes to existing buildings, whether conversions or demolitions, result sometimes in fully functional and high-quality components and materials becoming available. These elements can be reused elsewhere.

The concept of circular construction invites us to think in terms of cycles. It raises the question of how existing buildings can be repurposed and how suitable users can be found. It is also about designing buildings in such a way that they can adapt to changing needs. The longevity of materials should be benefitted from by reusing them in new constellations. The architectural project we will be working on is based in Karlsruhe and contributes to inner-city redensification. In preparation for that, we will examine buildings that are undergoing conversion through systematic building screening and analyze their potential for reuse. An online building component catalog, which documents the elements and makes them accessible, serves as the basis for our studio.

First Meeting: 30.10.2025, (Bldg. 11.40)

Pin-Up: 27.11.2025, 15.01.2026

Excursion: 14-15.11.2025, Basel, Zürich

Submission/Presentation: 26.02.2026

Form: tbd

V

Micro-Living (von Both)

1720701, WS 25/26, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content**Micro-Living – Space-efficient living solutions for Karlsruhe's urban future**

The design studio is dedicated to developing innovative, space-efficient living concepts for urban contexts, using Karlsruhe as an example. The focus is on intelligent floor plans, flexibility concepts, and new living typologies that enable a high level of living comfort despite limited space. Legal frameworks, social and architectural-psychological aspects, and urban integration are examined with the aim of creating affordable living space in densely populated cities through efficient use of space.

Examination of Other Types / Special Examination

Regular meetings: Thursdays. 09:00 am -1:00 pm

First meeting: Thursday, 2025/10/30 9:00 am, Seminar Room BLM

Submission/Exam: Thursday, 2026/03/05

Organizational issues

Master

V

Urban PopUp Fabrication – Co-creating digitally enabled earth-based building systems in Ghana (Dörstelmann)

1720805, WS 25/26, 5 SWS, Language: English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Following the successful start of our Ghanaian-German teaching cooperation and the erection of the research demonstrator RENABUMA (Kumasi, September 2025), we will launch our third co-taught Ghana-based studio, deepening our long-term cooperation with the Kwame Nkrumah University of Science and Technology (KNUST) supported by the recently acquired Global Europe Neighborhood, Development and International Cooperation Instrument – Intra-Africa Academic Mobility Scheme.

The studio explores digital technologies for bamboo-earth hybrid construction of multi storey housing as sustainable and fully circular construction approach to mitigate the climate impact of rapid urbanization processes in Ghana and the wider sub-shara context. Together with our Ghanaian partners we will conceptualize digitally enabled decentralized micro-factories that merge locally adapted digital production models with vernacular resources. By fostering entrepreneurial opportunities while reducing investment and skill barriers we are aiming towards a technical framework for a scalable impactful implementation strategy.

Informed by local socio-economic and climatic conditions we will explore architectural design opportunities and the material system's potential for ecological housing and sustainable living, emphasizing climate resilience, comfort, and adaptability.

Through 1:1 prototyping of building components and digital workflows, the studio lays the groundwork for a demonstrator construction in Ghana in summer 2026.

First Meeting: 30.10.2025, (Bldg. 20.40, R 133)

Pin-Up: 18.12.2025

Excursion: 13.-16.11.2025

Submission/Presentation: 26.02.2026

Form: Individual work and teamwork

Focus of study: Building Technology

No prior knowledge is required.



Quartier La Fonderie_ New neighbourhoods on the Quai d'Oran (Neppl)

1731058, WS 25/26, 5 SWS, Language: German, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

The city of Mulhouse in Alsace is proud of its great industrial heritage in the heart of the border triangle. In the wake of deindustrialisation, Mulhouse is undergoing a transformation from a once nationally significant centre for the textile and automotive industries to a contemporary city with a sense of tradition and a vision for the future.

The former industrial site 'La Fonderie' in the south-west of the city, in particular, had long been abandoned but has been undergoing revitalisation since the 1990s. Through the creation of public green spaces and open areas, connections to the city centre via footpaths and cycle paths, and the conversion of former factory buildings into lofts, cultural institutions and a university, the 'La Fonderie' district is developing into a modern residential and working location.

In the winter semester of 2025/26, we would like to take an in-depth look at the city of Mulhouse, the La Fonderie district and its integration into the surrounding area. After a detailed assessment of the current situation, we will develop an overarching strategic model and a new urban development concept for the district in several work phases and elaborate on this in specific key projects.

As part of the design process, we will be in constant exchange with the French universities ENSA Paris-La Villette and ENSA de Strasbourg and will gain insights into each other's work through workshops and lectures.

Regular date: Thu, 9:45 am-1:00 pm, Bldg.11.40, R015

1st meeting: 30.10.2025

Interim critique: 04.12.2025 and 22.01.2026

Mandatory meeting: 06.11.2025, introduction workshop and site visit

Submission/examination: 26.02.2026

Form: Teamwork (groups of 2 or 3)

Study focus: Urban design

Recommendation: at least 1 completed design

V

Student competition 'Mühlburger Feld' Karlsruhe_ Inclusive Thinking – Renovation Begins in the Mind (Neppl)

Project (PRO)
On-Site

1731065, WS 25/26, SWS, Language: German, [Open in study portal](#)

Content

Our society is becoming older, more diverse and more individual – and with it, the demands on housing and the design of our built environment are changing. Existing multi-storey residential buildings, especially those from the post-war period, offer enormous potential for forward-looking transformation. This is not just a matter of energy-efficient renovation or architectural upgrading, but above all of creating inclusive living spaces for all people – regardless of age, origin or physical condition.

This student competition asks how the conversion of existing residential buildings and their neighbourhoods can be designed in such a way that all people can live independently, safely and with dignity. Accessibility is not seen as a technical necessity, but as a design and social quality that benefits everyone – including older people, families with children and young people.

We are looking for creative, realistic concepts that see existing buildings as a resource and show new ways in which intelligent redesign, community-promoting spaces and inclusive mobility options can create a lively, intergenerational neighbourhood. The competition invites participants to develop bold ideas that rethink architecture, social space and participation – for a way of living that excludes no one.

The competition is organized by the Baden-Württemberg Chamber of Architects, the umbrella organization Inegratives Planen und Bauen e.V., the Baden-Württemberg Association for the Blind and Visually Impaired, and the Baden-Württemberg State Association for Self-Help, in cooperation with vbw – Die Wohnungswirtschaft and the Wüstenrot Foundation.

The competition entry is developed independently by the teams and supervised individually as needed. The professorship accompanies the design process and provides a forum for discussing concepts and ideas.

In connection with the colloquium on October 24, Volkswohnung GmbH will present the Mühlburger Feld neighborhood from a housing industry perspective and offer tours of the properties.

Regular appointment: in agreement

1st meeting: 24.10.2025 colloquium and district presentation – *Appointment before the start of the semester!*

Submission/Examination: 28.02.2026

Form: Individual or group work

Number of Participants: 12

Focus of study: Urban Design

V

Lasna!dee. Perspectives for Resilient Neighbourhoods in Kuristiku / Talinn (Engel)

Project (PRO)
On-Site

1731160, WS 25/26, 5 SWS, Language: English, [Open in study portal](#)

Content

Kuristiku with around 11,500 inhabitants is a neighbourhood in the Lasnamäe district/Tallinn was realized during the 1970s–80s. Today the Soviet legacy – microdistricts formed by prefabricated buildings is facing various challenges and problems. Built as a sleeping district the area lacks until today other functions, such as working places and cultural venues. Moreover the territory is partly cut off from its surroundings. As there is a concentration of Russian inhabitants as well problems in terms of social isolation and barriers exist. At the same time vast open territories offer great potential for creating meeting places and support strategies for climate adaptation and mitigation. Active civil engagement, e.g. Lasna!dee, a local community movement in the neighbourhood foster the transformation, taking into account the residents' need.

Task of the studio is the development of a visionary yet feasible adaptation strategy for Kuristiku in the broader context of Lasnamäe. A master plan for a selected area should demonstrate how the urban fabric, housing blocks, courtyards, streets, and service zones – can be retrofitted, reused, and reprogrammed in order to support a more sustainable resilient future. Part of the studio is an excursion to Tallinn with workshop from November 19–27 together with our Ukrainian and Estonian partners. The studio is funded by the DAAD and BMBF. Costs for the fieldtrip, including all travel costs and accommodation will not extend 150,- Euro per student.

Appointment: Thu (09:00-13:00 Uhr)

First Meeting: Fr Oct. 31 or Mo, Nov. 3., 2025, 10:00 h, 11.40 R013

Excursion: about 8 days in the period from 19 to 27 Nov., 2025

Pin-Up: Thu 11 Dec., 2025 (09:30 – 18:00 h, 11.40 R013/ Tullahall,
and Thu 22 Jan., 2026 (09.30 - 18:00 h, 11.40 R013 / Tullahall

Submission: Wed 25.Feb., 2026 (until 12.00 h)

Presentation: Thu 26.Feb., 2026 (09:30 – 16:00 h, 11.40 R013/ Tullahall res.)

Form: Individual work / Teams of 2 persons

Focus of Study: Urban Design

**Thinking about the Garden (Schifferli)**

1731210, WS 25/26, 5 SWS, Language: German/English, [Open in study portal](#)

On-Site**Content**

Gardens are physical manifestations and localisations of our understanding and investigations into the origin of the ideas of the sublime and the beautiful. They are instruments that bring us closer to the power and meaning of nature and landscape, making them measurable and thus tangible. As spatially located orders, they symbolise a wholeness. From a metaphysical idea and the craft of cultura, which transcend the factual content and meaning of the ideal, places of imaginary power arise that surpass the beauty of reality. In doing so, freedom must be the goal of thought in order to venture into the immeasurable.

Students choose a location and design their garden, a park, a promenade, a cemetery or their own grave site.

First meeting: 30.10.2025, introduction at 10:00 a.m., AI-image tutorial at 2:00 p.m. (building 11.40, room 126)

Interim reviews: 17.11.2025/15.01.2026/12.02.2026, each meeting begins at 8:00 a.m.

Mandatory excursion: Istanbul, 13–16.11. 2025

Submission/presentation: 26.02.2026, beginning at 10:00 a.m.

Form of work: individual work

Costs: completely without meals €270,00

**The Light and the Heavy (Inderbitzin/Clauss)**

1731260, WS 25/26, 5 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

In the upcoming semester, we plan to explore the weight and body of architecture through our designs. Our starting point is the brick: light to hold individually, yet used in large numbers to build heavy houses. We will distinguish between the heaviness of the material and the lightness of the spatial effect, and vice versa.

We will approach the projects from two angles: first, by experimenting with ways to join individual bricks to form load-bearing structures, and secondly, by exploring the concept of houses in urban and rural areas. Individual bricks will become buildings, and the urban design concept will be reflected in the smallest brick component. Since brick is a wall material, we will discuss ceilings and hybrid constructions. And depending on the location, either the façade or the supporting structure, the idea of non finito or permanence takes on primary importance in the design.

The projects will be located in Northern Europe, close to clay pits and raw material extraction sites. The houses, in turn, will be designed for specific locations in the city, on the outskirts, and in the countryside. Perhaps they will serve as places to live and work.

Experts will provide contributions and critiques throughout the semester. The integrated specialization program serves to develop fundamental knowledge and skills for design. During an excursion to Northern Europe, we will visit several brick buildings.

Regular Meeting: Thursdays, 9am-6pm, Geb. 11.40, R 115, Presence

First Meeting: 30.10.2025, Geb. 11.40, R 115, 9am

Critics: tbd

Excursion: 14.-16.11.2025

Submission/Presentation: 26.02.2026

V

The Tower and the Pavillion (Frohn)

1710107, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

From the atelier system of the Académie des Beaux-Arts to the Bauhaus and its total vision of art and craft to the pedagogical experiments after 1968, architectural schools have continually redefined themselves. Once hierarchical and authority-driven, they gradually opened to contexts shaped by sociology, politics, economy, and ecology. Transmission became exchange. The master's desk turned into a shared table.

The spatial organization of a school is never neutral. It produces knowledge, frames positions, and structures encounters. Studios, seminar rooms, and libraries are not mere containers; they stage debate and collaboration. Pedagogy and space inform one another.

As our current buildings face major renovation, the high-rise and pavilion long occupied by the school of physics will soon become available.

Moving the architecture school there would be more than a change of address. It would mean a radical shift in the spatial framework of our education and research.

Our present buildings, raised on a plinth, are introverted and courtyard-centered—generous yet rigid, almost invisible on campus. The former physics cluster operates as a counterpoint: an open pavilion engaging its surroundings and a tower whose skeletal structure promises adaptable floor plates.

Pavilion and tower create a productive tension. One spreads and mediates; the other compacts and focuses. Together they redefine proximity, exposure, and circulation, suggesting new modes of encounter and collaboration. Will this tension become the framework for our school? From introverted to extroverted, hidden to visible, rigid to adaptable: a shift in spatial logic—and in architectural education.

The accompanying "Vertiefung" will contextualize this shift historically and typologically, examining how architectural space shapes pedagogy and vice versa. The studio will transform the former physics buildings into a new framework for architectural education—becoming a self-experiment for students and educators alike.

INFOS :

Title: « THE TOWER AND THE PAVILION »

Appointment: Every Thursdays

1st meeting: Thu, 23.04.26, 14h00

Submission/Examination: Thu, 06.08.26

Final crit: TBD

Number of participants: max 15 students

Language: English

V

Borderline(s) Investigations #03 What if the real challenge were not to transform the building, but to transform ourselves? (Bru)**Project (PRO)
On-Site**1710204, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)**Content**

What if the real challenge were not to transform the building, but to transform ourselves?

We have to move the KIT School of Architecture into a building that was not designed for us. This refers to the physics building on the KIT Campus South by Erich Schelling in the 1960s. Yet the most essential question may not be technical. It is cultural. How do we want to live in this new building? We have our habits, our rhythms, our ways of working. We are settled, relatively comfortable in our current spaces. Is this the moment to put these habits into crisis, to question our desires, our modes of teaching and production?

Occupying an existing building does not simply mean accepting a spatial constraint. It means embracing friction. The structure, the proportions, the circulation, the material limits force us to renegotiate our uses. Where a new building would allow us to project our desires without apparent resistance, transformation confronts us with the thickness of reality.

This constraint can be perceived as a restriction – or as a critical opportunity. It forces us to distinguish the essential from the secondary. To identify what belongs to acquired comfort and what truly constitutes the conditions for fertile collective work.

Do we want to reproduce our existing models within a different envelope, or take advantage of this displacement to experiment with other forms of proximity, sharing, visibility, and openness? Can architecture become the driver of a cultural shift rather than simply its support?

To inhabit this building would not only mean occupying it. It would mean accepting to be transformed by it.

Introduction: Mon 13.04.2026, 9:30 Fritz-Haller-Hörsaal

1st meeting: Thu 23.04.2026, at 14:00, Bldg. 20.40, R113 Seminar room GBL

Field trip: Sat 09.05. – Sun 10.05.2026

Pin-up: 21.05.2026, 25.06.26, 23.07.26

Submission of plans/models and final presentation: Mo 03.08.2026

Event format: On-Site

Form: Individual work

Field of study: Architectural and Cultural Heritage

V

Ugly Ducklings - On Maintainability 2 - Architekturgebäude (Hartmann)**Project (PRO)
On-Site**1710302, SS 2026, 5 SWS, Language: English, [Open in study portal](#)

Content

Architectural discourse tends to emphasise heroic achievements of design: Novelty of spaces and expression, Performative aspects, seductive atmospheres, and many more.

Our studio proposes to expand this dominant view by turning to the “Ugly Ducklings” of architectural design: overlooked topics that hold untapped design potential. This semester, we focus on maintenance.

Maintenance is an act of caring and arguably the most fundamental ‘use’ of a building, yet it is rarely part of the design process. The way a building is cleaned and maintained is closely related to the way it is lived. At its core, maintenance extends the lifespan of buildings. While current debates emphasize reuse, disassembly, and circular construction, maintainability arguably precedes them.

To design competently today, we must think strategically about who will care for buildings and how. The act of maintaining is, of course, closely related to that of building, and therefore the understanding of one will inform the other. Maintenance bridges making and using, connecting architecture before completion (planning, design, construction) with its afterlife (occupation, repair, reuse, transformation).

Our studio focuses on the KIT Architecture Faculty's current building and its potential to evolve in adapting to the changing needs of the Faculty.

We will explore strategies of maintenance, adaptation, and repair as alternatives to a general renovation, and how can these interventions support the building's future use as an architecture faculty?

Our studio trip to Paris will focus on academic sites like the Cité Universitaire, as well as buildings that demonstrate exemplary approaches on the topic of ‘Maintainability’.

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. Simultaneously, students will build a thick description of the site and the topic. The strategies distilled from this research will be applied to the site through adaptation and testing of anticipatory design strategies, and further developed in projects.

Appointment: Weekly - Thursdays, 9:45 AM-5:15 PM, R204 , 20.40

First meeting: 23.04.2026 at 10.00h, Geb. 20.40-R204

Excursion: 08.05.2026 - 10.05.2026, Paris

Final Presentations: 06.08.2026

Output: Individual work

V

FITNESS(Etal.)1710308, SS 2026, 5 SWS, Language: German, [Open in study portal](#)**Project (PRO)
On-Site****Content**

While urban centers need over 300,000 new housing units each year, some 1.9 million buildings stand vacant in rural areas—including homes, farmsteads, and industrial or agricultural structures. This contrast reveals a vast, untapped spatial potential.

This course explores how existing rural building typologies can be transformed into future-ready uses, both as material and cultural resources. Focusing on three types—the house, the industrial building, and the farmstead—we develop conceptual and experimental strategies for adaptive reuse.

Starting from a documentary-analytical approach, students will investigate context, structure, and spatial organization through sketches, montages, photographs, and large-scale models. Materiality and construction are central. The design site will be a specific village in Franken, which we will visit together.

The aim is to make these typologies “fit” for new ways of living, working, and managing resources, developing a site- and building-specific architectural language that combines spatial quality with functional flexibility. The focus is on “agile” design—integrating different life and usage scenarios as well as the factor of time into the process.

Appointment: Thu 9:45 AM-5:15 PM

First meeting: 23.04.2026, 9:45 AM, Building 20.40, R221

PinUp I: 18.06.2026

PinUp II:

Excursion: 09.05.2026-10.05.2026, place of design Oberasbach

Final Presentation: 06.08.2026

Output: individual work

V

RO-WARE – Reuse of the ROTAG site (Klinge)1720555, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)
On-Site**

Content

Once the former ROTAG “Rohtabakvergärungs-Aktiengesellschaft” warehouse in Grünwinkel came to an end of its use as a tobacco storage facility in 2018, it became a valuable raw material itself.

With its imposing dimensions, the building acts as an anchor in the diverse surroundings and forms the starting point for a development based on structural considerations.

The high-bay warehouse is a structurally complex existing building with a distinctive load-bearing structure and great spatial depth, whose structural organisation forms the basis of the design work.

The aim is to develop a viable design strategy that builds on the existing structure’s internal logic to develop it further in a way that is both structurally sound and tailored to its intended use.

The analysis of the building serves as the basis for structural and spatial strategies. The potential of the existing structure (supporting framework, building envelope, interior) is explored iteratively in order to derive approaches for spatial reorganisation, structural adaptation and the formation of new spatial sequences. In doing so, the necessary extent of intervention for establishing specific uses must be determined.

The design operates within the tension between preservation, structural addition and precise structural intervention. The guiding principle is sufficiency: as much intervention as necessary, as little as possible. Circular designs and a structural analysis accompanying the design process are integral parts of the design.

1st meeting: 23.04.2026

Interim review: 21.05.2026, 02.07.2026

Mandatory field trip: Day trip

Submission/presentation: 06.08.2026

Form of work: Individual work, group work

Recommendation: At least 1 completed master design-project

V

Renovation first! A new building for the KIT Faculty of Architecture on the South Campus (Hebel)

**Project (PRO)
On-Site**

1720601, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)

Content

The spatial structure of university educational institutions is undergoing fundamental change. New forms of teaching, research, and collaboration are challenging traditional learning environments and calling for flexible, open, and sustainable spatial concepts. Rigid structures and monofunctional spaces no longer meet today's requirements. This discrepancy is particularly evident in architectural education: design work, digital production, manual manufacturing, collaborative formats, and public discourse require new working environments.

The master design studio therefore examines what a contemporary architecture faculty might look like and how it could be integrated into the KIT campus. It examines the current location in Building 20.40, as well as the physics building with its high-rise and/or low-rise structures, as examples of spatial obsolescence, lack of flexibility, and the need for energy-efficient renovation.

The question is which rooms are really needed today and how workshops, digital laboratories, open learning environments, concentrated workplaces, and communication forums can be spatially linked. The focus is on analysis, transformation, and further development of the existing buildings. The goal is an innovative, sustainable utilization concept with short-term functionality and a long-term campus perspective, developed in teams of two.

First Meeting: 23.04.2026, 10:00 (Bldg. XXX, R XXX)

Pin-Up: 18.06.2026, 10:00

Excursion:

Submission/Presentation: 05.08.2026, 10:00

V

Sch(l)auinsland: Renovation of the university building on Schauinsland near Freiburg (Hebel)

**Project (PRO)
On-Site**

1720604, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)

Content

The University of Freiburg owns a historic cabin in the Black Forest, which will be used as a place of learning and work for experimental teaching and learning formats in the future. Away from the urban campus and nestled in the Black Forest landscape, the property offers ideal conditions for testing alternative spatial concepts, new forms of collaborative work, and ecological strategies.

As part of the master design studio, students are tasked with developing a spatial transformation concept that not only expands the functionality of the existing hut, but also serves as a laboratory for circular economy and sustainable construction. The focus is on upcycling and recycling processes, the creative use of existing materials, and low-tech approaches to self-sufficiency.

The design task includes analyzing the building, identifying spatial potential, and developing atmospheric, structural, and programmatic interventions. The goal is to create a sustainable utilization concept that combines learning, research, and collaborative appropriation in an experimental process. Working in teams of two, students will develop an open, adaptable project that is deeply rooted in the landscape.

First Meeting: 24.04.2026, 14:00 (Bldg. XXX, R XXX)

Pin-Up: 25.06.2026, 10:00

(Excursion:)

Submission/Presentation: 06.08.2026, 10:00



Selected Topics of Building Technology: CONTINUUM I. (Müller)

1720609, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content**CONTINUUM I.**

CONTINUUM I. examines the concepts of reuse and repurposing. These processes can be understood as methods to counteract obsolescence by extending the life of components and materials and placing them in new contexts. At the same time, they allow for an alternative reading of the built environment in which we live.

In this seminar, we will investigate infrastructures in Karlsruhe and identify existing material resources within the city. Based on these findings, the students will develop a digital component catalogue that serves as a starting point for further exploration of the materials and their possible applications.

First Meeting: 22.04.2026

Submission/Exam: 22.07.2026

Appointment: Wed, 11h30-13h



Constructing DOMINO CIRCULAR (Kaiser)

1720652, SS 2026, 5 SWS, Language: German, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

The Weißenhofsiedlung was built in 1927 as part of the Werkbund exhibition “Die Wohnung” under the artistic direction of Ludwig Mies van der Rohe and represents a key vision of Neues Bauen (New Building). During the Second World War several houses were destroyed, including the house designed by Richard Döcker at Bruckmannweg 10.

In close collaboration with the IBA'27 and the SWSG, we will construct a 1:1 demonstrator on this site that will be publicly accessible as part of the International Building Exhibition. The design studio builds on the previous bachelor studio Elements of DOMINO ZIRKULAR and the Stegreif DOMINO ZIRKULAR 1:1, consistently translating these ideas into a built reality. The project is conceived as built research: a building in which circular, partly prototypical components are combined with the systematic reuse of reclaimed timber.

From the very beginning, you will work at the scale of realisation. Explorative, experimental and interdisciplinary approaches form the foundation of the studio. It offers the opportunity to engage with the entire process—from the conception of individual components and their structural development to their spatial and architectural implementation in a real building.

You will enter the building process both theoretically and practically. Together with a cooperating timber construction company, methods of research will be explored, in which knowledge production and built implementation are inseparably linked.

We recommend subscribing in the accompanying seminar “timber.matters”, which we offer in collaboration with Baukreisel.

Collaboration partners:

Internationale Bauausstellung 2027 StadtRegion Stuttgart (IBA'27)

Stuttgarter Wohnungs- und Städtebaugesellschaft (SWSG)

Baukreisel e.V.

First Meeting: 23.04.2026, 9:45 am (Room tbd.)

Submission/Presentation: KW32

Focus of study: Building Technology

V

After the Credits – The Future of the Inner-City Cinema at Europaplatz, Karlsruhe (von Both)

1720701, SS 2026, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
Blended (On-Site/Online)

Content

The Universum / City Cinema at Europaplatz in Karlsruhe exemplifies an inner-city building typology undergoing profound transformation. As a place of collective experience, the cinema is increasingly challenged by changing viewing habits, streaming services, and new forms of cultural production. Against this background, the design studio explores how the cinema as a spatial and programmatic model can be further developed in order to remain viable within an urban context.

The project focuses on strategies for reinterpreting the cinema as a hybrid cultural and urban space that extends beyond traditional film screenings. Potential synergies with event formats, performative uses, immersive media, exhibition or discourse spaces, as well as low-threshold public programs are explored and translated into architectural concepts. The proposed programmatic concept is to be developed as a financially self-sustaining and realistic usage scenario, taking into account economic conditions, operational requirements, and long-term viability.

The central location within the pedestrian zone at Europaplatz offers significant potential while simultaneously posing high demands on urban integration, spatial accessibility, and public permeability. The complex and fragmented existing structure, characterized by varying ceiling heights, inclined floor plates, and unconventional spatial configurations, is understood not as a limitation but as a design opportunity. The aim is to develop new narrative, atmospheric, and functional qualities from the given spatial conditions.

The design studio combines an examination of a specific building typology with broader questions concerning the future of inner-city cultural venues and understands architecture as a mediating discipline between program, space, the city, and societal change. Due to the conceptual, spatial, and programmatic complexity of the task, the studio is particularly suited for advanced students in higher semesters.

First Meeting: Thursday, 23.04.2026, 9:00 a.m., Seminar Room BLM

Regular Appointments: Thursdays, 09:00 a.m - 01:00 pm

Exam: Thursday, 06.08.2026, 09:00 a.m, Examination of other type

Submission: Upload/submit design documents in Ilias by Friday, 31.07.2026, am

Number of Participants: 15 +2 Erasmus

V

Former Lisnave Shipyards: A New Urban Waterfront for the Lisbon Metropolitan Area (Nepl)

1731086, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

The former Lisnave Margueira shipyard, once a central location for the Portuguese shipbuilding industry, has shaped the identity of the river region between Lisbon and Almada for decades. The closure and restructuring of the shipyard area presents an opportunity to develop a new urban district on the waterfront that combines industrial history, urban densification and social responsibility.

The planning area is integrated as a key site in the overarching strategic planning for the greater Lisbon area, which, under the title "Cidades do Tejo", combines various development areas on both sides of the river into an overall concept.

The urban planning task is to design a high-density, mixed-use neighbourhood that combines living, working and leisure, promotes social diversity and implements sustainable urban development concepts such as climate adaptation, resilience and resource- and space-saving construction. At the same time, the design must integrate the characteristic identity of the Margueira shipyard and its role as the cultural memory of the region.

In this studio, students will develop scenarios for the urban transformation of the Margueira shipyard, examine planning aspects of density, typologies, mixed use, mobility and green infrastructure, and design a vision for a vibrant, sustainable and socially balanced 21st-century waterfront city.

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

First Meeting: 23.04.2026, 10:00 am, Bldg. 11.40, R015

Pin-up: 21.05. and 02.07.2026

Presentation: 06.08.2026

Form: teamwork

Focus of study: Urban Design

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

V

Pfingztal – from City to Countryside. Rethinking suburban regions (Engel)

1731160, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

With around 18,600 inhabitants, Pfinztal is the most populous municipality in Baden-Württemberg without city status. The originally four independent towns have merged in 1974. Pfinztal has several town centers, architectural heritage from Friedrich Weinbrenner and a strategic development framework called "Pfinztal 2035". The municipality is characterized by the surrounding forests, meadows, orchards and vineyards, as well as the river. At the same time, Karlsruhe is nearby, which brings a drain on purchasing power. The municipality is struggling with vacant properties, increasing demand for housing and substantial transport challenges.

Against this backdrop, strategies for the future development should be elaborated. How can each individual district be strengthened while reinforcing Pfinztal's identity as a unified municipality? What kind of functions would strengthen economic development? The studio's task is to develop a strategic concept that functionally and spatially connects the four districts and creates central meeting places. Open spaces are to be designed as connecting infrastructure alongside the transport network. The improvement of public spaces and the overcoming of spatial barriers should be the focus of an overall concept that combines mobility, climate protection and social cohesion and repositions Pfinztal as a livable, climate-friendly community. The studio is carried out in cooperation with students from the Institute of Transport Studies.

Appointment: Thu 10:00-15:00

First Meeting: Thu April 23, 10:00 am, 11.40 Bldg., R013

Excursion: May 09-11, 2026

Pin-Up: Thu May 21, 2026 (09:00 - 18:00 h)

Thu July 2, 2026 (09:00 - 18:00 h)

Submission: Mon. Aug. 6, 2026

Final Presentation: Thu Aug.6 , 2026 (09:00 - 18:00 h, bldg. 11.40 Tulla hall res.)

Form: Groups of 2 students/Individual work

Recommendation: -

Focus of study: Urban Design

**Think Garden (Schifferli)**

1731210, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Gardens are physical manifestations and spatial expressions of our understanding and exploration of the origins of the sublime and the beautiful. They serve as instruments for approaching the power and meaningfulness of nature and landscape, making them measurable and thus experientially accessible. As spatially situated orders, they symbolize a sense of wholeness. From a metaphysical idea and the craft of cultura—which transcends the factual content and significance of the ideal—emerge sites of imaginative power that extend beyond the beauty of reality. In this process, freedom must be the aim of thinking, enabling us to venture into the immeasurable.

Students select a site and design their own garden, park, promenade, or personal burial place.

This course can only be taken in combination with the accompanying seminar LATENT HABITAT.

First meeting: 23.04.2026, 10:00 a.m. (Introduction), 2:00 p.m. (AI-Image Workshop, Building 11.40, Room 126)

Interim reviews: 07.05.2026/21.05.2026/25.06.2026/23.07.2026, each from 8:00 a.m.

06.08.2026, at 2:30 p.m.

Submission / Presentation: 07.08.2026, from 9:00 a-m.

Format: Individual work

This course can only be taken in combination with the accompanying seminar LATENT HABITAT.

**Housing, What Do You Want to Be? (Claus/Inderbitzin)**

1731260, SS 2026, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

In the coming semester, we will develop an urban building for a housing typology that is also prepared for a second, spatially contrasting use. The aim is for both structures and uses to be able to occupy the building independently of each other. The goal is not to create a clear-cut, rigid structure, but rather a hybrid structure that develops from the specific requirements of both uses.

Based on Robert Venturi's manifesto 'Complexity and Contradiction in Architecture,' we are developing designs that are deliberately compromising, contradictory and ambiguous. These qualities give the building a specific spatial identity and vitality in every phase of its existence. Our goal is to understand architecture not as a static end product, a finished dwelling, but as a changeable, temporal structure.

For a speculative future, we assume that the transformation process of our cities will reverse in the coming decades: while many industrial areas have been converted into residential quarters in recent years, we assume that residential space will increasingly have to give way to other uses in the future.

Our designs are located on the Novartis Campus in the north of Basel, based on Vittorio Magnago Lampugnani's master plan.

The semester will be accompanied by contributions and critiques from experts. The integrated in-depth study, the analysis of selected buildings, serves to develop the fundamentals and build knowledge for the design. On the excursion to Switzerland, we will visit buildings related to the topic.

First Meeting: 23.4.2026, 10 am (Bldg. 11.40, R 115)

Pin-Ups: to be announced

Mandatory excursion: Switzerland, date to be announced

Submission/Presentation: 6.8.2026

Form: Individual work or teamwork

T

4.10 Module component: Design Project 1 [T-ARCH-107445]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-105670 - Building Design Project

Type	Credits	Grading	Term offered	Version
Examination of another type	12 CP	graded	Each term	1

Courses					
WT 25/26	1700050	Independent Design Project		Project	von Both, Bru, Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Kaiser, Müller, Neppl, Schifferli
WT 25/26	1710111	« Back to the Future? » (Frohn)	5 SWS	Project / 🎯	Frohn, Streicher
WT 25/26	1710206	Insulation, Unbekannte Typologien der Zukunftsvorstellung, Borderline Investigation #2 (Bru)	5 SWS	Project / 🎯	Bru, Schneider, Amon, Brückner, Ingold
WT 25/26	1710303	Ugly Ducklings 1 - On Maintainability (Hartmann)	5 SWS	Project / 🎯	Hartmann, Coricelli, Kadid, Vansteenkiste, Zucchello
WT 25/26	1710304	What happens to the Inn when there is nobody in? (Ritz/Closs)	5 SWS	Project / 🎯	Closs, Ritz, Grün
WT 25/26	1720503	The Open House (Mueller)	5 SWS	Project / 🎯	Müller, Bessai, Süßmann, Alves Rocha
WT 25/26	1720601	KARLSRUHE.ART.COURT. - Expansion of the Staatliche Kunsthalle Karlsruhe on the grounds of the Karlsruhe District Court (Hebel)	5 SWS	Project / 🎯	Hebel, Boerman
WT 25/26	1720609	Designing the In-Between (Müller)	5 SWS	Project / 🎯	Müller, Gerteiser
WT 25/26	1720701	Micro-Living (von Both)	5 SWS	Project / 🎯	von Both, Koch, Seiler-Cuesta
WT 25/26	1720805	Urban PopUp Fabrication – Co-creating digitally enabled earth-based building systems in Ghana (Dörstelmann)	5 SWS	Project / 🎯	Dörstelmann, Feldmann, Fuentes Quijano
WT 25/26	1731260	The Light and the Heavy (Inderbitzin/Clauss)	5 SWS	Project / 🎯	Inderbitzin, von Zepelin, Nalbach, Schmitt, Savic
ST 2026	1710107	The Tower and the Pavillion (Frohn)	5 SWS	Project / 🎯	Frohn, Streicher
ST 2026	1710204	Borderline(s) Investigations #03 What if the real challenge were not to transform the building, but to transform ourselves? (Bru)	5 SWS	Project / 🎯	Bru, Amon, Ingold, Brückner, Kunkel
ST 2026	1710302	Ugly Ducklings - On Maintainability 2 - Architekturgebäude (Hartmann)	5 SWS	Project / 🎯	Hartmann, Kadid, Coricelli, Vansteenkiste, Zucchello, Giubbini
ST 2026	1710308	FITNESS(Etal.)	5 SWS	Project / 🎯	Grün, Masla, Bengtsson, Syren
ST 2026	1720555	RO-WARE – Reuse of the ROTAG site (Klinge)	5 SWS	Project / 🎯	Klinge, Schmidt, Weber

ST 2026	1720601	Renovation first! A new building for the KIT Faculty of Architecture on the South Campus (Hebel)	5 SWS	Project / 🎧	Hebel, Dörstelmann, Kaiser Hirt, Behringer
ST 2026	1720604	Sch(l)auinsland: Renovation of the university building on Schauinsland near Freiburg (Hebel)	5 SWS	Project / 🎧	Hebel, Kaiser Hirt, Behringer
ST 2026	1720609	Selected Topics of Building Technology: CONTINUUM I. (Müller)	2 SWS	Seminar / 🎧	Müller, Gerteiser
ST 2026	1720652	Constructing DOMINO CIRCULAR (Kaiser)	5 SWS	Project / 🎧	Kaiser, Erlewein
ST 2026	1720701	After the Credits – The Future of the Inner-City Cinema at Europaplatz, Karlsruhe (von Both)	5 SWS	Project / 🔄	von Both, Koch, Seiler-Cuesta
ST 2026	1731260	Housing, What Do You Want to Be? (Clauss/Inderbitzin)	5 SWS	Project / 🎧	Clauss, Inderbitzin, von Zepelin, Nalbach, Schmitt, Savic

Legend: 📺 Online, 🔄 Blended (On-Site/Online), 🎧 On-Site, ✕ Cancelled

Assessment

Other examination requirements consisting of an architectural design draft that is produced during the semester. Working on the design task is done, as a rule, individually; there are regular supervisions resp. corrections that take place. The progress monitoring occurs during the study course within the framework of one or more intermediate presentations as well as a final presentation. Here the produced results are portrayed and assessed in the form of drawings, models (analog and/or) digital, texts and talks. The duration of the presentation is approx. 20 minutes per project.

Workload

360 hours

Below you will find excerpts from courses related to this module component:

V

Independent Design Project

1700050, WS 25/26, SWS, Language: German/English, [Open in study portal](#)

Project (PRO)

Content

An independent design project can be completed at all design professorships. For this purpose the task should be prepared independently. If you are interested, please contact the corresponding professor.

V

« Back to the Future? » (Frohn)

1710111, WS 25/26, 5 SWS, Language: English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Flexibility, participation, spatial freedom, long-term adaptability - these are today's architectural buzz-words. Looking back into architectural history, we realize it was the very same set of promises that drove the discipline half a century ago. Looking back fifty years - from the then imagined self-determined and flexible future - it is our conviction that we cannot just repeat the same mantras. Instead, we need to be aware of the broken promises and understand their inherent contradictions. Our studio focuses on exactly this déjà-vu. Few architects embodied the above-mentioned ideals as rigorously as Hermann Hertzberger.

His Centraal Beheer project - modular, open, democratic - was imagined as a proto-city, a collective framework for freedom and adaptability. Yet its spatial reality reveals deep paradoxes. A building designed as a city turns inward and is disconnected from its context; a flexible grid becomes monotonous, disorienting and rigid. Structural coherence from the architect's perspective undermines spatial legibility by its users. The non-hierarchical plan, meant to empower, introduces forms of control.

The building has been sitting empty for twelve years. Today, half a century after its realization, the project stands as both promise and paradox.

Our studio neither seeks to restore nor to preserve Hertzberger's project.

Instead, in a first step the students will carefully analyse it. Based on the in-depth understanding they will reformulate its original promises and develop programmatic and architectural strategies for its renewed occupation. Will it be a place of self-determination and long-term resilience? If so: what are the architectural strategies supporting this promise?

Appointment: Thursdays

1st meeting: Thu, 29.10.2025, 14:00

Submission/Examination: TBD

Final critic: TBD

Language: English

Excursion: Amsterdam

V

Insulation, Unbekannte Typologien der Zukunftsvorstellung, Borderline Investigation #2 (Bru)

Project (PRO)
On-Site

1710206, WS 25/26, 5 SWS, Language: English, [Open in study portal](#)

Content

Design Studio Bru/GBL Master (WS 25/26)

Insulation

Unknown Typologies of Future Anticipation

Borderline(s) Investigation #02

Insulation is central to architecture, yet too often reduced to thermal comfort, a technical device meant to satisfy performance standards. Yet such a purely technical reading neutralizes experience and tends to uniformize architecture. Beyond a barrier, insulation can be understood as interface or a membrane. Since the 19th century, innovations such as curtain walls, air conditioning, acoustic devices, have redefined the envelope— not as fixed contour, but as a succession of filters and regulations. Architecture is no longer simply a shelter, but a machine negotiating flows. Insulation is never absolute: to isolate always means to relate differently, to filter, to select. In this sense, it is more a threshold operator than a watertight wall.

In an era of climatic instability and resource uncertainty, buildings must adapt in permanent negotiation. An Innovation arises less from invention ex nihilo than from reconfiguring what exists, revealing hidden potentials of sites, materials, and uses.

Our studio proposes to consider insulation as a critical lens to think how architecture can open and close, absorb and reflect. The project develops from the attentive observation, listening, and making—through detail, material, and prototype—become acts of transformation, local and territorial, intimate and collective.

Architecture, then, is not reduced to the protective enclosure of “four walls and a roof,” but becomes an art of atmosphere.

PHASE I – OBSERVATION 🗺️

PHASE II – MAKING

🗺️PHASE III – BINDING FRAGMENTS

Language of instruction: English, (german)🗺️

Project presentation: 20.10.2025, 09:30 Uhr, Fritz-Haller-Hörsaal

First meeting: 30.10.2025 09:30 Uhr, R113 seminar room GBL

Meetings: Thursdays starting at 09:30 Uhr Studio🗺️

Excursion: 14.11.2025 - 16.11.2025

🗺️Pin-up: to be announced🗺️

Submission + final presentation: 26.02.2026🗺️

Focus of study: Architectural and Cultural Heritage

V

Ugly Ducklings 1 - On Maintainability (Hartmann)1710303, WS 25/26, 5 SWS, Language: English, [Open in study portal](#)**Project (PRO)
On-Site****Content**

Architectural discourse tends to emphasize heroic achievements of design: Novelty of spaces and expression, Performative aspects, seductive atmospheres, and many more.

Our studio proposes to expand this dominant view by turning to the “Ugly Ducklings” of architectural design: overlooked topics that hold untapped design potential. This semester, we focus on maintenance.

Maintenance is an act of caring and arguably the most fundamental ‘use’ of a building, yet it is rarely part of the design process. The way a building is cleaned and maintained is closely related to the way it is lived. At its core, maintenance extends the lifespan of buildings. While current debates emphasize reuse, disassembly, and circular construction, maintainability arguably precedes them.

To design competently today, we must think strategically about who will care for buildings and how. The act of maintaining is, of course, closely related to that of building, and therefore the understanding of one will inform the other. Maintenance bridges making and using, connecting architecture before completion (planning, design, construction) with its afterlife (occupation, repair, reuse, transformation).

Our studio topic will be the conception of a contemporary Trade and Technical Vocational School (Technisch- Gewerbliche Berufsschule) in the city of Berlin, where maintenance and repair on urban and architectural scales have been crucial in developing the city into its current form.

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. Simultaneously, students will build a thick description of the site and the topic. The strategies distilled from this research will be applied to the site through adaptation and testing of anticipatory design strategies, and further developed in projects.

Appointment: Th. 10:00 AM - 05:30 PM, 20.40 R204 Zeichensaal

First meeting: 30.10.2025, 10:00 AM, Geb. 20.40 R204 Zeichensaal

Excursion: 14.11.2025-16.11.2025 Berlin

Final Presentations: 26.02.2026

Output: Individual work

V

What happens to the Inn when there is nobody in? (Ritz/Closs)1710304, WS 25/26, 5 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)
On-Site****Content**

Cabaret artist Gerhard Polt describes the village inn as “the forum of the Italians, the piazza, but with a roof. It was a place of exchange, a catalyst for opinions, knowledge, and information.” But what happens to village communities when such social anchor points disappear? What concepts can we use to revitalize rural areas?

Rural regions in Germany – shaped by historic buildings, agricultural structures, and evolved settlement patterns – are currently under immense pressure to transform. The emigration of young people and the changing nature of work have led to an aging population, the decline of communal structures, and increasing building vacancies in rural areas. Recent trends, however, show that high rents in cities and the growing establishment of digital work models are triggering a “new Landlust (longing for the countryside)”.

How can the existing building stock be transformed and adapted to meet today's needs, while minimizing land use and emissions? How can rural areas once again become attractive places for living, working and community?

This semester will focus on the former inn *Sedlmayr* in Zangberg in Upper Bavaria. Using this vacant building in the village center as a case study, students will develop new concepts for community life in rural areas and explore architectural strategies for working with existing structures. They will define independent priorities in the fields of community, housing, or work, and formulate a personal attitude on dealing with the built heritage.

Appointment: Th. 10:00 AM - 05:30 PM, R221, 20.40

First meeting: 30.10.2025, 10:00 AM, 20.40 R221

excursion: 14.11.2025 – 16.11.2025 / München + Zangberg

Pin-Ups: 11.12.2025

Form: Individual work

Submission/Exam: 25./26.02.2026

V

The Open House (Mueller)1720503, WS 25/26, 5 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)
On-Site**

Content

Offices and authorities represent an important interface between citizens on the one hand and the political sphere on the other. They translate political decisions into practice, regulating and organizing our coexistence. Yet even though their function couldn't be more public, city administrations, town halls, and government offices often appear as the exact opposite of a "public building." Many people perceive going to the office as inconvenient and annoying.

The design aims to counter this image with an optimistic type of office, as a "public building" in the best sense of the word. In a multifunctional building, the students will investigate how several public functions can be interconnected and spatially related to one another. The administration can be conceived together with spaces for sports, leisure, and culture, as well as places for political participation, and thus linked to the surrounding urban space.

In addition to the program and organization, tectonics and construction play a crucial role. Open building structures allow for different uses and offer the possibility for a building to change both in terms of content and space. A supporting structure that allows for openness of use and appropriability is therefore just as important a design goal as a sustainable and climate-adapted construction method.

Regular appointment: Thu 14:00-18:00

1st meeting on 30.10.2025 at 14:00 in R240

Intermediate critique 1: 20.11.2025

Intermediate critique 2: 18.12.2025

Intermediate critique 2: 22.01.2026

Final presentation: 26.02.2026

Form of work: individual work

V

KARLSRUHE.ART.COURT. - Expansion of the Staatliche Kunsthalle Karlsruhe on the grounds of the Karlsruhe District Court (Hebel)

**Project (PRO)
On-Site**

1720601, WS 25/26, 5 SWS, Language: German/English, [Open in study portal](#)

Content

The Staatliche Kunsthalle Karlsruhe, opened in 1846 as one of Germany's first public museums, is one of the most important art museums in the state. In order to present its collections in a contemporary manner and better fulfil its educational mission, the museum needs modern premises. A competition was therefore launched in 2017, from which Staab Architekten emerged as the winner in 2018. In addition to the renovation and restructuring of the historic main building, which will be implemented from mid-2024, ideas for an extension of equal value on the neighbouring district court site and an underground passage connecting the buildings were also presented.

As part of the design studio, this functionally and programmatically necessary extension is to be developed in line with circular construction principles, while preserving the existing building. The 'Kunsthalle der Gegenwart' will house collections from the 20th and 21st centuries, special exhibitions, offices for art history and communication, a copperplate engraving cabinet and rooms for paper restoration. The former courthouse, built in 1962, will also be opened to the urban community and will house a restaurant and an art library. The extension represents the transformation of the museum into an open, inviting art campus for social exchange and cultural participation in Karlsruhe.

Support: Elena Boerman

Wednesdays and Thursdays in Studio

First Meeting: 30.10.2025, 10.00 AM (Bldg. 20.40, R tbd)

Important Dates: 18.11.2025, 09.12.2025, 15.01.2026

Excursion: 15.-16.11.2025, Museological Tour

Submission: 24.02.2026

Presentation: 26.02.2026

Form: Teamwork

Focus of study: Architectural and Cultural Heritage

V

Designing the In-Between (Müller)

**Project (PRO)
On-Site**

1720609, WS 25/26, 5 SWS, Language: German, [Open in study portal](#)

Content

A look back at history shows that houses can be used, expanded, and adapted over generations. Today, however, buildings are often demolished after significantly shorter periods of time. The reasons for this rarely lie in the poor quality of the buildings or their materials, but rather in the desire for maximum returns and land use. The construction of a building is crucial to its adaptability: whether it can be repurposed, expanded, added to, or adapted to changing needs depends largely on its structure. Changes to existing buildings, whether conversions or demolitions, result sometimes in fully functional and high-quality components and materials becoming available. These elements can be reused elsewhere.

The concept of circular construction invites us to think in terms of cycles. It raises the question of how existing buildings can be repurposed and how suitable users can be found. It is also about designing buildings in such a way that they can adapt to changing needs. The longevity of materials should be benefitted from by reusing them in new constellations. The architectural project we will be working on is based in Karlsruhe and contributes to inner-city redensification. In preparation for that, we will examine buildings that are undergoing conversion through systematic building screening and analyze their potential for reuse. An online building component catalog, which documents the elements and makes them accessible, serves as the basis for our studio.

First Meeting: 30.10.2025, (Bldg. 11.40)

Pin-Up: 27.11.2025, 15.01.2026

Excursion: 14-15.11.2025, Basel, Zürich

Submission/Presentation: 26.02.2026

Form: tbd

V

Micro-Living (von Both)

1720701, WS 25/26, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content**Micro-Living – Space-efficient living solutions for Karlsruhe's urban future**

The design studio is dedicated to developing innovative, space-efficient living concepts for urban contexts, using Karlsruhe as an example. The focus is on intelligent floor plans, flexibility concepts, and new living typologies that enable a high level of living comfort despite limited space. Legal frameworks, social and architectural-psychological aspects, and urban integration are examined with the aim of creating affordable living space in densely populated cities through efficient use of space.

Examination of Other Types / Special Examination

Regular meetings: Thursdays. 09:00 am -1:00 pm

First meeting: Thursday, 2025/10/30 9:00 am, Seminar Room BLM

Submission/Exam: Thursday, 2026/03/05

Organizational issues

Master

V

Urban PopUp Fabrication – Co-creating digitally enabled earth-based building systems in Ghana (Dörstelmann)

1720805, WS 25/26, 5 SWS, Language: English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Following the successful start of our Ghanaian-German teaching cooperation and the erection of the research demonstrator RENABUMA (Kumasi, September 2025), we will launch our third co-taught Ghana-based studio, deepening our long-term cooperation with the Kwame Nkrumah University of Science and Technology (KNUST) supported by the recently acquired Global Europe Neighborhood, Development and International Cooperation Instrument – Intra-Africa Academic Mobility Scheme.

The studio explores digital technologies for bamboo-earth hybrid construction of multi storey housing as sustainable and fully circular construction approach to mitigate the climate impact of rapid urbanization processes in Ghana and the wider sub-shara context. Together with our Ghanaian partners we will conceptualize digitally enabled decentralized micro-factories that merge locally adapted digital production models with vernacular resources. By fostering entrepreneurial opportunities while reducing investment and skill barriers we are aiming towards a technical framework for a scalable impactful implementation strategy.

Informed by local socio-economic and climatic conditions we will explore architectural design opportunities and the material system's potential for ecological housing and sustainable living, emphasizing climate resilience, comfort, and adaptability.

Through 1:1 prototyping of building components and digital workflows, the studio lays the groundwork for a demonstrator construction in Ghana in summer 2026.

First Meeting: 30.10.2025, (Bldg. 20.40, R 133)

Pin-Up: 18.12.2025

Excursion: 13.-16.11.2025

Submission/Presentation: 26.02.2026

Form: Individual work and teamwork

Focus of study: Building Technology

No prior knowledge is required.

V

The Light and the Heavy (Inderbitzin/Clauss)

1731260, WS 25/26, 5 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

In the upcoming semester, we plan to explore the weight and body of architecture through our designs. Our starting point is the brick: light to hold individually, yet used in large numbers to build heavy houses. We will distinguish between the heaviness of the material and the lightness of the spatial effect, and vice versa.

We will approach the projects from two angles: first, by experimenting with ways to join individual bricks to form load-bearing structures, and secondly, by exploring the concept of houses in urban and rural areas. Individual bricks will become buildings, and the urban design concept will be reflected in the smallest brick component. Since brick is a wall material, we will discuss ceilings and hybrid constructions. And depending on the location, either the façade or the supporting structure, the idea of non finito or permanence takes on primary importance in the design.

The projects will be located in Northern Europe, close to clay pits and raw material extraction sites. The houses, in turn, will be designed for specific locations in the city, on the outskirts, and in the countryside. Perhaps they will serve as places to live and work.

Experts will provide contributions and critiques throughout the semester. The integrated specialization program serves to develop fundamental knowledge and skills for design. During an excursion to Northern Europe, we will visit several brick buildings.

Regular Meeting: Thursdays, 9am-6pm, Geb. 11.40, R 115, Presence

First Meeting: 30.10.2025, Geb. 11.40, R 115, 9am

Critics: tbd

Excursion: 14.-16.11.2025

Submission/Presentation: 26.02.2026

V

The Tower and the Pavillion (Frohn)

1710107, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

From the atelier system of the Académie des Beaux-Arts to the Bauhaus and its total vision of art and craft to the pedagogical experiments after 1968, architectural schools have continually redefined themselves. Once hierarchical and authority-driven, they gradually opened to contexts shaped by sociology, politics, economy, and ecology. Transmission became exchange. The master's desk turned into a shared table.

The spatial organization of a school is never neutral. It produces knowledge, frames positions, and structures encounters. Studios, seminar rooms, and libraries are not mere containers; they stage debate and collaboration. Pedagogy and space inform one another.

As our current buildings face major renovation, the high-rise and pavilion long occupied by the school of physics will soon become available.

Moving the architecture school there would be more than a change of address. It would mean a radical shift in the spatial framework of our education and research.

Our present buildings, raised on a plinth, are introverted and courtyard-centered—generous yet rigid, almost invisible on campus. The former physics cluster operates as a counterpoint: an open pavilion engaging its surroundings and a tower whose skeletal structure promises adaptable floor plates.

Pavilion and tower create a productive tension. One spreads and mediates; the other compacts and focuses. Together they redefine proximity, exposure, and circulation, suggesting new modes of encounter and collaboration. Will this tension become the framework for our school? From introverted to extroverted, hidden to visible, rigid to adaptable: a shift in spatial logic—and in architectural education.

The accompanying “Vertiefung” will contextualize this shift historically and typologically, examining how architectural space shapes pedagogy and vice versa. The studio will transform the former physics buildings into a new framework for architectural education—becoming a self-experiment for students and educators alike.

INFOS :

Title: « THE TOWER AND THE PAVILION »

Appointment: Every Thursdays

1st meeting: Thu, 23.04.26, 14h00

Submission/Examination: Thu, 06.08.26

Final crit: TBD

Number of participants: max 15 students

Language: English

V

Borderline(s) Investigations #03 What if the real challenge were not to transform the building, but to transform ourselves? (Bru)

1710204, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

What if the real challenge were not to transform the building, but to transform ourselves?

We have to move the KIT School of Architecture into a building that was not designed for us. This refers to the physics building on the KIT Campus South by Erich Schelling in the 1960s. Yet the most essential question may not be technical. It is cultural. How do we want to live in this new building? We have our habits, our rhythms, our ways of working. We are settled, relatively comfortable in our current spaces. Is this the moment to put these habits into crisis, to question our desires, our modes of teaching and production?

Occupying an existing building does not simply mean accepting a spatial constraint. It means embracing friction. The structure, the proportions, the circulation, the material limits force us to renegotiate our uses. Where a new building would allow us to project our desires without apparent resistance, transformation confronts us with the thickness of reality.

This constraint can be perceived as a restriction — or as a critical opportunity. It forces us to distinguish the essential from the secondary. To identify what belongs to acquired comfort and what truly constitutes the conditions for fertile collective work.

Do we want to reproduce our existing models within a different envelope, or take advantage of this displacement to experiment with other forms of proximity, sharing, visibility, and openness? Can architecture become the driver of a cultural shift rather than simply its support?

To inhabit this building would not only mean occupying it. It would mean accepting to be transformed by it.

Introduction: Mon 13.04.2026, 9:30 Fritz-Haller-Hörsaal

1st meeting: Thu 23.04.2026, at 14:00, Bldg. 20.40, R113 Seminar room GBL

Field trip: Sat 09.05. – Sun 10.05.2026

Pin-up: 21.05.2026, 25.06.26, 23.07.26

Submission of plans/models and final presentation: Mo 03.08.2026

Event format: On-Site

Form: Individual work

Field of study: Architectural and Cultural Heritage



Ugly Ducklings - On Maintainability 2 - Architekturgebäude (Hartmann)

1710302, SS 2026, 5 SWS, Language: English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Architectural discourse tends to emphasise heroic achievements of design: Novelty of spaces and expression, Performative aspects, seductive atmospheres, and many more.

Our studio proposes to expand this dominant view by turning to the “Ugly Ducklings” of architectural design: overlooked topics that hold untapped design potential. This semester, we focus on maintenance.

Maintenance is an act of caring and arguably the most fundamental ‘use’ of a building, yet it is rarely part of the design process. The way a building is cleaned and maintained is closely related to the way it is lived. At its core, maintenance extends the lifespan of buildings. While current debates emphasize reuse, disassembly, and circular construction, maintainability arguably precedes them.

To design competently today, we must think strategically about who will care for buildings and how. The act of maintaining is, of course, closely related to that of building, and therefore the understanding of one will inform the other. Maintenance bridges making and using, connecting architecture before completion (planning, design, construction) with its afterlife (occupation, repair, reuse, transformation).

Our studio focuses on the KIT Architecture Faculty's current building and its potential to evolve in adapting to the changing needs of the Faculty.

We will explore strategies of maintenance, adaptation, and repair as alternatives to a general renovation, and how can these interventions support the building's future use as an architecture faculty?

Our studio trip to Paris will focus on academic sites like the Cité Universitaire, as well as buildings that demonstrate exemplary approaches on the topic of ‘Maintainability’.

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. Simultaneously, students will build a thick description of the site and the topic. The strategies distilled from this research will be applied to the site through adaptation and testing of anticipatory design strategies, and further developed in projects.

Appointment: Weekly - Thursdays, 9:45 AM-5:15 PM, R204 , 20.40

First meeting: 23.04.2026 at 10.00h, Geb. 20.40-R204

Excursion: 08.05.2026 - 10.05.2026, Paris

Final Presentations: 06.08.2026

Output: Individual work

V

FITNESS(Etal.)1710308, SS 2026, 5 SWS, Language: German, [Open in study portal](#)**Project (PRO)**
On-Site**Content**

While urban centers need over 300,000 new housing units each year, some 1.9 million buildings stand vacant in rural areas—including homes, farmsteads, and industrial or agricultural structures. This contrast reveals a vast, untapped spatial potential.

This course explores how existing rural building typologies can be transformed into future-ready uses, both as material and cultural resources. Focusing on three types—the house, the industrial building, and the farmstead—we develop conceptual and experimental strategies for adaptive reuse.

Starting from a documentary-analytical approach, students will investigate context, structure, and spatial organization through sketches, montages, photographs, and large-scale models. Materiality and construction are central. The design site will be a specific village in Franken, which we will visit together.

The aim is to make these typologies “fit” for new ways of living, working, and managing resources, developing a site- and building-specific architectural language that combines spatial quality with functional flexibility. The focus is on “agile” design—integrating different life and usage scenarios as well as the factor of time into the process.

Appointment: Thu 9:45 AM-5:15 PM

First meeting: 23.04.2026, 9:45 AM, Building 20.40, R221

PinUp I: 18.06.2026

PinUp II:

Excursion: 09.05.2026-10.05.2026, place of design Oberasbach

Final Presentation: 06.08.2026

Output: individual work

V

RO-WARE – Reuse of the ROTAG site (Klinge)1720555, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)**
On-Site**Content**

Once the former ROTAG “Rohtabakvergärungs-Aktiengesellschaft” warehouse in Grünwinkel came to an end of its use as a tobacco storage facility in 2018, it became a valuable raw material itself.

With its imposing dimensions, the building acts as an anchor in the diverse surroundings and forms the starting point for a development based on structural considerations.

The high-bay warehouse is a structurally complex existing building with a distinctive load-bearing structure and great spatial depth, whose structural organisation forms the basis of the design work.

The aim is to develop a viable design strategy that builds on the existing structure’s internal logic to develop it further in a way that is both structurally sound and tailored to its intended use.

The analysis of the building serves as the basis for structural and spatial strategies. The potential of the existing structure (supporting framework, building envelope, interior) is explored iteratively in order to derive approaches for spatial reorganisation, structural adaptation and the formation of new spatial sequences. In doing so, the necessary extent of intervention for establishing specific uses must be determined.

The design operates within the tension between preservation, structural addition and precise structural intervention. The guiding principle is sufficiency: as much intervention as necessary, as little as possible. Circular designs and a structural analysis accompanying the design process are integral parts of the design.

1st meeting: 23.04.2026

Interim review: 21.05.2026, 02.07.2026

Mandatory field trip: Day trip

Submission/presentation: 06.08.2026

Form of work: Individual work, group work

Recommendation: At least 1 completed master design-project

V

Renovation first! A new building for the KIT Faculty of Architecture on the South Campus (Hebel)1720601, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)**
On-Site

Content

The spatial structure of university educational institutions is undergoing fundamental change. New forms of teaching, research, and collaboration are challenging traditional learning environments and calling for flexible, open, and sustainable spatial concepts. Rigid structures and monofunctional spaces no longer meet today's requirements. This discrepancy is particularly evident in architectural education: design work, digital production, manual manufacturing, collaborative formats, and public discourse require new working environments.

The master design studio therefore examines what a contemporary architecture faculty might look like and how it could be integrated into the KIT campus. It examines the current location in Building 20.40, as well as the physics building with its high-rise and/or low-rise structures, as examples of spatial obsolescence, lack of flexibility, and the need for energy-efficient renovation.

The question is which rooms are really needed today and how workshops, digital laboratories, open learning environments, concentrated workplaces, and communication forums can be spatially linked. The focus is on analysis, transformation, and further development of the existing buildings. The goal is an innovative, sustainable utilization concept with short-term functionality and a long-term campus perspective, developed in teams of two.

First Meeting: 23.04.2026, 10:00 (Bldg. XXX, R XXX)

Pin-Up: 18.06.2026, 10:00

Excursion:

Submission/Presentation: 05.08.2026, 10:00

V

Sch(l)auinsland: Renovation of the university building on Schauinsland near Freiburg (Hebel)

1720604, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

The University of Freiburg owns a historic cabin in the Black Forest, which will be used as a place of learning and work for experimental teaching and learning formats in the future. Away from the urban campus and nestled in the Black Forest landscape, the property offers ideal conditions for testing alternative spatial concepts, new forms of collaborative work, and ecological strategies.

As part of the master design studio, students are tasked with developing a spatial transformation concept that not only expands the functionality of the existing hut, but also serves as a laboratory for circular economy and sustainable construction. The focus is on upcycling and recycling processes, the creative use of existing materials, and low-tech approaches to self-sufficiency.

The design task includes analyzing the building, identifying spatial potential, and developing atmospheric, structural, and programmatic interventions. The goal is to create a sustainable utilization concept that combines learning, research, and collaborative appropriation in an experimental process. Working in teams of two, students will develop an open, adaptable project that is deeply rooted in the landscape.

First Meeting: 24.04.2026, 14:00 (Bldg. XXX, R XXX)

Pin-Up: 25.06.2026, 10:00

(Excursion:)

Submission/Presentation: 06.08.2026, 10:00

V

Selected Topics of Building Technology: CONTINUUM I. (Müller)

1720609, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content**CONTINUUM I.**

CONTINUUM I. examines the concepts of reuse and repurposing. These processes can be understood as methods to counteract obsolescence by extending the life of components and materials and placing them in new contexts. At the same time, they allow for an alternative reading of the built environment in which we live.

In this seminar, we will investigate infrastructures in Karlsruhe and identify existing material resources within the city. Based on these findings, the students will develop a digital component catalogue that serves as a starting point for further exploration of the materials and their possible applications.

First Meeting: 22.04.2026

Submission/Exam: 22.07.2026

Appointment: Wed, 11h30-13h

V

Constructing DOMINO CIRCULAR (Kaiser)

1720652, SS 2026, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

The Weißenhofsiedlung was built in 1927 as part of the Werkbund exhibition “Die Wohnung” under the artistic direction of Ludwig Mies van der Rohe and represents a key vision of Neues Bauen (New Building). During the Second World War several houses were destroyed, including the house designed by Richard Döcker at Bruckmannweg 10.

In close collaboration with the IBA'27 and the SWSG, we will construct a 1:1 demonstrator on this site that will be publicly accessible as part of the International Building Exhibition. The design studio builds on the previous bachelor studio Elements of DOMINO ZIRKULAR and the Stegreif DOMINO ZIRKULAR 1:1, consistently translating these ideas into a built reality. The project is conceived as built research: a building in which circular, partly prototypical components are combined with the systematic reuse of reclaimed timber.

From the very beginning, you will work at the scale of realisation. Explorative, experimental and interdisciplinary approaches form the foundation of the studio. It offers the opportunity to engage with the entire process—from the conception of individual components and their structural development to their spatial and architectural implementation in a real building.

You will enter the building process both theoretically and practically. Together with a cooperating timber construction company, methods of research will be explored, in which knowledge production and built implementation are inseparably linked.

We recommend subscribing in the accompanying seminar “timber.matters”, which we offer in collaboration with Baukreisel.

Collaboration partners:

Internationale Bauausstellung 2027 StadtRegion Stuttgart (IBA'27)

Stuttgarter Wohnungs- und Städtebaugesellschaft (SWSG)

Baukreisel e.V.

First Meeting: 23.04.2026, 9:45 am (Room tbd.)

Submission/Presentation: KW32

Focus of study: Building Technology

V

After the Credits – The Future of the Inner-City Cinema at Europaplatz, Karlsruhe (von Both)

1720701, SS 2026, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
Blended (On-Site/Online)

Content

The Universum / City Cinema at Europaplatz in Karlsruhe exemplifies an inner-city building typology undergoing profound transformation. As a place of collective experience, the cinema is increasingly challenged by changing viewing habits, streaming services, and new forms of cultural production. Against this background, the design studio explores how the cinema as a spatial and programmatic model can be further developed in order to remain viable within an urban context.

The project focuses on strategies for reinterpreting the cinema as a hybrid cultural and urban space that extends beyond traditional film screenings. Potential synergies with event formats, performative uses, immersive media, exhibition or discourse spaces, as well as low-threshold public programs are explored and translated into architectural concepts. The proposed programmatic concept is to be developed as a financially self-sustaining and realistic usage scenario, taking into account economic conditions, operational requirements, and long-term viability.

The central location within the pedestrian zone at Europaplatz offers significant potential while simultaneously posing high demands on urban integration, spatial accessibility, and public permeability. The complex and fragmented existing structure, characterized by varying ceiling heights, inclined floor plates, and unconventional spatial configurations, is understood not as a limitation but as a design opportunity. The aim is to develop new narrative, atmospheric, and functional qualities from the given spatial conditions.

The design studio combines an examination of a specific building typology with broader questions concerning the future of inner-city cultural venues and understands architecture as a mediating discipline between program, space, the city, and societal change. Due to the conceptual, spatial, and programmatic complexity of the task, the studio is particularly suited for advanced students in higher semesters.

First Meeting: Thursday, 23.04.2026, 9:00 a.m, Seminar Room BLM

Regular Appointments: Thursdays, 09:00 a.m - 01:00 pm

Exam: Thursday, 06.08.2026, 09:00 a.m, Examination of other type

Submission: Upload/submit design documents in Ilias by Friday, 31.07.2026, am

Number of Participants: 15 +2 Erasmus

V

Housing, What Do You Want to Be? (Claus/Inderbitzin)

1731260, SS 2026, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

In the coming semester, we will develop an urban building for a housing typology that is also prepared for a second, spatially contrasting use. The aim is for both structures and uses to be able to occupy the building independently of each other. The goal is not to create a clear-cut, rigid structure, but rather a hybrid structure that develops from the specific requirements of both uses.

Based on Robert Venturi's manifesto 'Complexity and Contradiction in Architecture,' we are developing designs that are deliberately compromising, contradictory and ambiguous. These qualities give the building a specific spatial identity and vitality in every phase of its existence. Our goal is to understand architecture not as a static end product, a finished dwelling, but as a changeable, temporal structure.

For a speculative future, we assume that the transformation process of our cities will reverse in the coming decades: while many industrial areas have been converted into residential quarters in recent years, we assume that residential space will increasingly have to give way to other uses in the future.

Our designs are located on the Novartis Campus in the north of Basel, based on Vittorio Magnago Lampugnani's master plan.

The semester will be accompanied by contributions and critiques from experts. The integrated in-depth study, the analysis of selected buildings, serves to develop the fundamentals and build knowledge for the design. On the excursion to Switzerland, we will visit buildings related to the topic.

First Meeting: 23.4.2026, 10 am (Bldg. 11.40, R 115)

Pin-Ups: to be announced

Mandatory excursion: Switzerland, date to be announced

Submission/Presentation: 6.8.2026

Form: Individual work or teamwork

T

4.11 Module component: Design Project Urban Planning 1 [T-ARCH-107343]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105671 - Urban Design Project](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	12 CP	graded	Each term	1

Courses					
WT 25/26	1700050	Independent Design Project		Project	von Both, Bru, Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Kaiser, Müller, Neppl, Schifferli
WT 25/26	1731058	Quartier La Fonderie_New neighbourhoods on the Quai d'Oran (Neppl)	5 SWS	Project /	Neppl, Krüger, Hetey
WT 25/26	1731065	Student competition 'Mühlburger Feld' Karlsruhe_ Inclusive Thinking – Renovation Begins in the Mind (Neppl)		Project /	Neppl
WT 25/26	1731160	Lasna!dee. Perspectives for Resilient Neighbourhoods in Kuristiku / Talinn (Engel)	5 SWS	Project /	Engel, Staab, Vollmer
WT 25/26	1731210	Thinking about the Garden (Schifferli)	5 SWS	/	Schifferli
ST 2026	1731086	Former Lisnave Shipyards: A New Urban Waterfront for the Lisbon Metropolitan Area (Neppl)	5 SWS	Project /	Neppl, Giralt, Haug
ST 2026	1731160	Pfinztal – from City to Countryside. Rethinking suburban regions (Engel)	5 SWS	Project /	Engel, Böcherer, Vollmer
ST 2026	1731210	Think Garden (Schifferli)	5 SWS	Project /	Schifferli, Zuber, Wasik, Viohl

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

Assessment

Other examination requirements consisting of an urban design project that is produced during the semester. Working on the design task is done, as a rule, individually; there are regular supervisions resp. corrections that take place. The progress monitoring occurs during the study course within the framework of one or more intermediate presentations as well as a final presentation. Here the produced results are portrayed and assessed in the form of drawings, models (analog and/or digital), texts and talks. The duration of the presentation is approx. 20 minutes per project.

Below you will find excerpts from courses related to this module component:

V

Independent Design Project

1700050, WS 25/26, SWS, Language: German/English, [Open in study portal](#)

Project (PRO)

Content

An independent design project can be completed at all design professorships. For this purpose the task should be prepared independently. If you are interested, please contact the corresponding professor.

V

Quartier La Fonderie_New neighbourhoods on the Quai d'Oran (Neppl)

1731058, WS 25/26, 5 SWS, Language: German, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

The city of Mulhouse in Alsace is proud of its great industrial heritage in the heart of the border triangle. In the wake of deindustrialisation, Mulhouse is undergoing a transformation from a once nationally significant centre for the textile and automotive industries to a contemporary city with a sense of tradition and a vision for the future.

The former industrial site 'La Fonderie' in the south-west of the city, in particular, had long been abandoned but has been undergoing revitalisation since the 1990s. Through the creation of public green spaces and open areas, connections to the city centre via footpaths and cycle paths, and the conversion of former factory buildings into lofts, cultural institutions and a university, the 'La Fonderie' district is developing into a modern residential and working location.

In the winter semester of 2025/26, we would like to take an in-depth look at the city of Mulhouse, the La Fonderie district and its integration into the surrounding area. After a detailed assessment of the current situation, we will develop an overarching strategic model and a new urban development concept for the district in several work phases and elaborate on this in specific key projects.

As part of the design process, we will be in constant exchange with the French universities ENSA Paris-La Villette and ENSA de Strasbourg and will gain insights into each other's work through workshops and lectures.

Regular date: Thu, 9:45 am-1:00 pm, Bldg.11.40, R015

1st meeting: 30.10.2025

Interim critique: 04.12.2025 and 22.01.2026

Mandatory meeting: 06.11.2025, introduction workshop and site visit

Submission/examination: 26.02.2026

Form: Teamwork (groups of 2 or 3)

Study focus: Urban design

Recommendation: at least 1 completed design

V

Student competition 'Mühlburger Feld' Karlsruhe_ Inclusive Thinking – Renovation Begins in the Mind (Neppl)

Project (PRO)
On-Site

1731065, WS 25/26, SWS, Language: German, [Open in study portal](#)

Content

Our society is becoming older, more diverse and more individual – and with it, the demands on housing and the design of our built environment are changing. Existing multi-storey residential buildings, especially those from the post-war period, offer enormous potential for forward-looking transformation. This is not just a matter of energy-efficient renovation or architectural upgrading, but above all of creating inclusive living spaces for all people – regardless of age, origin or physical condition.

This student competition asks how the conversion of existing residential buildings and their neighbourhoods can be designed in such a way that all people can live independently, safely and with dignity. Accessibility is not seen as a technical necessity, but as a design and social quality that benefits everyone – including older people, families with children and young people.

We are looking for creative, realistic concepts that see existing buildings as a resource and show new ways in which intelligent redesign, community-promoting spaces and inclusive mobility options can create a lively, intergenerational neighbourhood. The competition invites participants to develop bold ideas that rethink architecture, social space and participation – for a way of living that excludes no one.

The competition is organized by the Baden-Württemberg Chamber of Architects, the umbrella organization Inegratives Planen und Bauen e.V., the Baden-Württemberg Association for the Blind and Visually Impaired, and the Baden-Württemberg State Association for Self-Help, in cooperation with vbw – Die Wohnungswirtschaft and the Wüstenrot Foundation.

The competition entry is developed independently by the teams and supervised individually as needed. The professorship accompanies the design process and provides a forum for discussing concepts and ideas.

In connection with the colloquium on October 24, Volkswohnung GmbH will present the Mühlburger Feld neighborhood from a housing industry perspective and offer tours of the properties.

Regular appointment: in agreement

1st meeting: 24.10.2025 colloquium and district presentation – *Appointment before the start of the semester!*

Submission/Examination: 28.02.2026

Form: Individual or group work

Number of Participants: 12

Focus of study: Urban Design

**Lasna!dee. Perspectives for Resilient Neighbourhoods in Kuristiku / Tallinn (Engel)Project (PRO)**1731160, WS 25/26, 5 SWS, Language: English, [Open in study portal](#)**On-Site****Content**

Kuristiku with around 11,500 inhabitants is a neighbourhood in the Lasnamäe district/Tallinn was realized during the 1970s–80s. Today the Soviet legacy – microdistricts formed by prefabricated buildings is facing various challenges and problems. Built as a sleeping district the area lacks until today other functions, such as working places and cultural venues. Moreover the territory is partly cut off from its surroundings. As there is a concentration of Russian inhabitants as well problems in terms of social isolation and barriers exist. At the same time vast open territories offer great potential for creating meeting places and support strategies for climate adaptation and mitigation. Active civil engagement, e.g. Lasna!dee, a local community movement in the neighbourhood foster the transformation, taking into account the residents' need.

Task of the studio is the development of a visionary yet feasible adaptation strategy for Kuristiku in the broader context of Lasnamäe. A master plan for a selected area should demonstrate how the urban fabric, housing blocks, courtyards, streets, and service zones – can be retrofitted, reused, and reprogrammed in order to support a more sustainable resilient future. Part of the studio is an excursion to Tallinn with workshop from November 19–27 together with our Ukrainian and Estonian partners. The studio is funded by the DAAD and BMBF. Costs for the fieldtrip, including all travel costs and accommodation will not exceed 150,- Euro per student.

Appointment: Thu (09:00-13:00 Uhr)

First Meeting: Fr Oct. 31 or Mo, Nov. 3., 2025, 10:00 h, 11.40 R013

Excursion: about 8 days in the period from 19 to 27 Nov., 2025

Pin-Up: Thu 11 Dec., 2025 (09:30 – 18:00 h, 11.40 R013/ Tullahall,
and Thu 22 Jan., 2026 (09.30 - 18:00 h, 11.40 R013 / Tullahall

Submission: Wed 25.Feb., 2026 (until 12.00 h)

Presentation: Thu 26.Feb., 2026 (09:30 – 16:00 h, 11.40 R013/ Tullahall res.)

Form: Individual work / Teams of 2 persons

Focus of Study: Urban Design

**Thinking about the Garden (Schifferli)**1731210, WS 25/26, 5 SWS, Language: German/English, [Open in study portal](#)**On-Site****Content**

Gardens are physical manifestations and localisations of our understanding and investigations into the origin of the ideas of the sublime and the beautiful. They are instruments that bring us closer to the power and meaning of nature and landscape, making them measurable and thus tangible. As spatially located orders, they symbolise a wholeness. From a metaphysical idea and the craft of cultura, which transcend the factual content and meaning of the ideal, places of imaginary power arise that surpass the beauty of reality. In doing so, freedom must be the goal of thought in order to venture into the immeasurable.

Students choose a location and design their garden, a park, a promenade, a cemetery or their own grave site.

First meeting: 30.10.2025, introduction at 10:00 a.m., AI-image tutorial at 2:00 p.m. (building 11.40, room 126)

Interim reviews: 17.11.2025/15.01.2026/12.02.2026, each meeting begins at 8:00 a.m.

Mandatory excursion: Istanbul, 13–16.11. 2025

Submission/presentation: 26.02.2026, beginning at 10:00 a.m.

Form of work: individual work

Costs: completely without meals €270,00

**Former Lisnave Shipyards: A New Urban Waterfront for the Lisbon Metropolitan Area (Neppl)**1731086, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)
On-Site**

Content

The former Lisnave Margueira shipyard, once a central location for the Portuguese shipbuilding industry, has shaped the identity of the river region between Lisbon and Almada for decades. The closure and restructuring of the shipyard area presents an opportunity to develop a new urban district on the waterfront that combines industrial history, urban densification and social responsibility.

The planning area is integrated as a key site in the overarching strategic planning for the greater Lisbon area, which, under the title "Cidades do Tejo", combines various development areas on both sides of the river into an overall concept.

The urban planning task is to design a high-density, mixed-use neighbourhood that combines living, working and leisure, promotes social diversity and implements sustainable urban development concepts such as climate adaptation, resilience and resource- and space-saving construction. At the same time, the design must integrate the characteristic identity of the Margueira shipyard and its role as the cultural memory of the region.

In this studio, students will develop scenarios for the urban transformation of the Margueira shipyard, examine planning aspects of density, typologies, mixed use, mobility and green infrastructure, and design a vision for a vibrant, sustainable and socially balanced 21st-century waterfront city.

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

First Meeting: 23.04.2026, 10:00 am, Bldg. 11.40, R015

Pin-up: 21.05. and 02.07.2026

Presentation: 06.08.2026

Form: teamwork

Focus of study: Urban Design

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

**Pfintzal – from City to Countryside. Rethinking suburban regions (Engel)**

1731160, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

With around 18,600 inhabitants, Pfintzal is the most populous municipality in Baden-Württemberg without city status. The originally four independent towns have merged in 1974. Pfintzal has several town centers, architectural heritage from Friedrich Weinbrenner and a strategic development framework called "Pfintzal 2035". The municipality is characterized by the surrounding forests, meadows, orchards and vineyards, as well as the river. At the same time, Karlsruhe is nearby, which brings a drain on purchasing power. The municipality is struggling with vacant properties, increasing demand for housing and substantial transport challenges.

Against this backdrop, strategies for the future development should be elaborated. How can each individual district be strengthened while reinforcing Pfintzal's identity as a unified municipality? What kind of functions would strengthen economic development? The studio's task is to develop a strategic concept that functionally and spatially connects the four districts and creates central meeting places. Open spaces are to be designed as connecting infrastructure alongside the transport network. The improvement of public spaces and the overcoming of spatial barriers should be the focus of an overall concept that combines mobility, climate protection and social cohesion and repositions Pfintzal as a livable, climate-friendly community. The studio is carried out in cooperation with students from the Institute of Transport Studies.

Appointment: Thu 10:00-15:00

First Meeting: Thu April 23, 10:00 am, 11.40 Bldg., R013

Excursion: May 09-11, 2026

Pin-Up: Thu May 21, 2026 (09:00 - 18:00 h)

Thu July 2, 2026 (09:00 - 18:00 h)

Submission: Mon. Aug. 6, 2026

Final Presentation: Thu Aug.6, 2026 (09:00 - 18:00 h, bldg. 11.40 Tulla hall res.)

Form: Groups of 2 students/Individual work

Recommendation: -

Focus of study: Urban Design

**Think Garden (Schifferli)**

1731210, SS 2026, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Gardens are physical manifestations and spatial expressions of our understanding and exploration of the origins of the sublime and the beautiful. They serve as instruments for approaching the power and meaningfulness of nature and landscape, making them measurable and thus experientially accessible. As spatially situated orders, they symbolize a sense of wholeness. From a metaphysical idea and the craft of cultura—which transcends the factual content and significance of the ideal—emerge sites of imaginative power that extend beyond the beauty of reality. In this process, freedom must be the aim of thinking, enabling us to venture into the immeasurable.

Students select a site and design their own garden, park, promenade, or personal burial place.

This course can only be taken in combination with the accompanying seminar LATENT HABITAT.

First meeting: 23.04.2026, 10:00 a.m. (Introduction), 2:00 p.m. (AI-Image Workshop, Building 11.40, Room 126)

Interim reviews: 07.05.2026/21.05.2026/25.06.2026/23.07.2026, each from 8:00 a.m.

06.08.2026, at 2:30 p.m.

Submission / Presentation: 07.08.2026, from 9:00 a-m.

Format: Individual work

This course can only be taken in combination with the accompanying seminar LATENT HABITAT.

T

4.12 Module component: Design Specialization [T-ARCH-112107]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-105670 - Building Design Project

Type	Credits	Grading	Term offered	Version
Examination of another type	2 CP	graded	Each term	1

Courses					
WT 25/26	1710112	Advanced Building Studies Design (Frohn)	1 SWS	/ ●	Frohn, Streicher
WT 25/26	1710207	Advanced Building Studies Design (Bru)	1 SWS	/ ●	Bru, Schneider, Amon, Brückner, Ingold
WT 25/26	1710305	Advanced Building Studies Design (Hartmann)	1 SWS	/ ●	Hartmann, Coricelli, Kadid, Vansteenkiste, Zucchello
WT 25/26	1710306	Advanced Building Studies Design: Harmony, Dialogue & Confrontation (Ritz/Closs)	1 SWS	/ ●	Closs, Ritz, Grün
WT 25/26	1710452	Advanced Communicative Design Studies	1 SWS	Seminar / ●	Rambow, Kosenina
WT 25/26	1720504	Advanced Construction Technology Design Studies: Resource-Conserving Construction Methods in the Context of Climate Change in Cities (Mueller)	1 SWS	/ ●	Müller, Bessai, Alves Rocha, Süßmann
WT 25/26	1720610	Advanced Construction Technology Design Studies (Müller)	1 SWS	Project / ●	Müller, Gerteiser
WT 25/26	1720702	In-depth elaboration on the design on specific topics: Micro-Living (von Both)	1 SWS	Project / ●	von Both, Koch, Seiler-Cuesta
WT 25/26	1720806	Advanced Design Studies (Dörstelmann)	1 SWS	Project / ●	Dörstelmann, Feldmann, Fuentes Quijano
WT 25/26	1720982	Advanced Design Project Studies (A. Wagner)	0.5 SWS	Project / ●	Wagner, Mann, Mino Rodriguez, Alanis Oberbeck, Kaul
WT 25/26	1731261	Advanced Project Studies (Inderbitzin/Clauss): From Raw Material to Building	1 SWS	Seminar / ●	Inderbitzin, von Zepelin, Nalbach, Schmitt, Savic
ST 2026	1710103	Advanced Building Studies Design (Frohn)	1 SWS	/ ●	Frohn, Gazzillo, Wasel, Rucci
ST 2026	1710205	Advanced Architectural Design Studies (Bru)	1 SWS	Project / ●	Bru, Amon, Brückner, Ingold
ST 2026	1710306	Advanced Architectural Design Studies: (Hartmann)	1 SWS	Project / ●	Hartmann, Coricelli, Kadid, Vansteenkiste, Zucchello, Giubbini
ST 2026	1710312	Advanced Building Studies Design: FITNESS: WARM-UP (EtaL)	1 SWS	Project / ●	Grün, Syren, Bengtsson, Masla
ST 2026	1720605	Sch(l)auinsland: Advanced Construction Technology Design Studies 2 (Hebel)	1 SWS	/ ●	Hebel, Kaiser Hirt, Behringer

ST 2026	1720653	Advanced Construction Technology Design Studies (Kaiser)	1 SWS	Project / 🎧	Kaiser, Erlewein
ST 2026	1720702	Thematic Design Development for 'After the Credits – The Future of the Inner-City Cinema at Europaplatz, Karlsruhe' (von Both/Koch)	1 SWS	/ 🔄	von Both, Koch, Seiler-Cuesta
ST 2026	1720806	Advanced Design Studies Digital Design and Fabrication (Dörstelmann)	1 SWS	Project / 🎧	Dörstelmann
ST 2026	1720982	Advanced Design Project Studies 1, 2	0.5 SWS	Project / 🎧	Wagner, Mann, Mino Rodriguez, Alanis Oberbeck
ST 2026	1731261	Advanced Project Studies (Inderbitzin/Clauss) Both-And	1 SWS	Seminar / 🎧	Inderbitzin, Clauss, von Zepelin, Nalbach, Schmitt, Savic

Legend: 📺 Online, 🔄 Blended (On-Site/Online), 🎧 On-Site, ✕ Cancelled

Assessment

Other examination requirements consisting of performance during the semester for theoretical or practical consolidation of the design topic, as a rule, of a project work with drawings whose scope depends on the respective task assigned or of an oral talk of approx. 15 minutes duration and a written paper on it encompassing approx. 20 pages or an equivalent assessment which has to be coordinated with the examiner.

Workload

60 hours

Below you will find excerpts from courses related to this module component:



Advanced Building Studies Design (Frohn)

1710112, WS 25/26, 1 SWS, Language: English, [Open in study portal](#)

On-Site

Content

The course can only be chosen in conjunction with the associated «**Back to the Future?**» and is compulsory for this.

Supervision Thu by arrangement

Pin-Ups: to be announced



Advanced Building Studies Design (Bru)

1710207, WS 25/26, 1 SWS, Language: English, [Open in study portal](#)

On-Site

Content

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

Insulation, Unknown Typologies of Future Anticipation, Borderline Investigation #2

Organizational issues

nach Vereinbarung



Advanced Building Studies Design (Hartmann)

1710305, WS 25/26, 1 SWS, Language: English, [Open in study portal](#)

On-Site

Content

This course can only be attended by the participants of the corresponding design studio .

First meeting: 30.10.2025, 10:00 AM, 20.40 R204

Presentation: 26.02.2026



Advanced Building Studies Design: Harmony, Dialogue & Confrontation (Ritz/Closs)

1710306, WS 25/26, 1 SWS, Language: German, [Open in study portal](#)

On-Site

Content

How can the new be brought together with the old? Can there even be a universal answer to such an individual and situational task?

In this seminar, we aim to explore and analyze the diverse strategies, concepts, and approaches to dealing with existing buildings. The goal is to become familiar with the wide range of possible solutions and to empower students to develop their own reflective position.

Through presentations, meaningful case studies on both large and small scales will be examined. In the end, findings will be compiled—both in writing and drawing—into a handbook for dealing with existing structures in rural areas.

Participation in this course is only possible in connection with the associated design studio *“Was wird, wenn keiner Wirt wird?”* and is mandatory for it.

1. meeting: 30.10.2025, 10:00 AM, 20.40 R221

presentation / exam : 26.02.2026

V

Advanced Communicative Design Studies

1710452, WS 25/26, 1 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

The in-depth study course will examine, in close coordination with the design studio, how the desired opening of the Kunsthalle to a broad audience and future urban society can be successfully achieved. What architectural means are available to make openness to exchange and discourse visible and tangible, to interlink the new opportunities for use with the context, and allow them to radiate far and wide?

Attending the course is only possible for participants of the corresponding design project 1720601 and for these it is mandatory.

V

Advanced Construction Technology Design Studies: Resource-Conserving Construction Methods in the Context of Climate Change in Cities (Mueller)

1720504, WS 25/26, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

Robust architecture today can only be conceived by considering sustainable and climate-adapted structures. Topics such as modularity, demountability, and circularity play a role in the design process, as does the search for architectural responses to the significant climate changes in cities.

The specialization therefore examines in detail the topics of circularity-oriented and resource-conserving construction in the context of current climate developments in the Karlsruhe region. It builds on the design task and aims to teach students the consistent derivation and development of material use and construction, taking the above-mentioned points into account.

This course builds on the design "THE OPEN HOUSE" and can only be chosen in conjunction with it.

V

Advanced Construction Technology Design Studies (Müller)

1720610, WS 25/26, 1 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

Dismantled components and materials that are to be reused in a different location are not necessarily a perfect fit. When planning their reinstallation, gaps or overlaps inevitably arise. It is precisely these areas of misfit that have the potential to create unusual and surprising moments in architectural expression.

In this specialization, we focus our attention on these joints and work on them in a targeted manner. The design process is deliberately reversed: starting with the details, we examine how existing components can be reassembled in a changed context. The results are precisely processed and documented in order to gain insights for flexible, circular construction methods.

The course can only be chosen in connection with the associated Master Studio and is mandatory for it.

Exam: 26.02.2025

V

In-depth elaboration on the design on specific topics: Micro-Living (von Both)

1720702, WS 25/26, 1 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

Within this course, specific topics and aspects of the design project "Micro-Living" will be dealt with in depth, processed and documented. The specific topics will be identified in consultation with the supervisors of the design project at the BLM.

Examination of another type

Regular meeting: Thursdays, 09:00-1:00 pm, presence/online according to Arrangement

First meeting: Thursday, 2025/10/30, 9:00 am, presence/online, Seminar Room BLM

Submission/Exam: Thursday, 2026/03/06

Organizational issues

Vorraussetzung: Teilname am Entwurf "Micro-Living"

Prerequisite: Participation in the design Project "Micro-Living"

**Advanced Design Studies (Dörstelmann)**

1720806, WS 25/26, 1 SWS, Language: English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

This course can only be selected in connection with the design studio "Urban PopUp Fabrication – Co-creating digitally enabled earth-based building systems in Ghana" (LV1720805), for which it is mandatory.

First Meeting: 30.10.2025

Hand-in: 26.02.2026

**Advanced Design Project Studies (A. Wagner)**

1720982, WS 25/26, 0.5 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

The advanced design project study in building technology accompanies a building or urban design studio project and comprises related work on a building physics or technical building services topic. Topic, objectives, suitable tools and a work plan will be discussed and fixed during the first meeting (see module handbook).

By arrangement 20.40 R 235

**Advanced Project Studies (Inderbitzin/Claus): From Raw Material to Building**

1731261, WS 25/26, 1 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The Seminar is an integral part of the master-studio 'The Light and the Heavy'. Participation is obligatory for those choosing the design studio. The dates coincide with those of the Master Studio except for the final presentation.

Examination/presentation: to be announced

**Advanced Building Studies Design (Frohn)**

1710103, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

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

**Advanced Architectural Design Studies (Bru)**

1710205, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

Attending the course is only possible for participants of the design project LV1710204

Organizational issues

Die Vorlesungen „Grundlagen der Baukunde und Gestaltung“ werden durch eine Reihe von Übungen ergänzt.

**Advanced Architectural Design Studies: (Hartmann)**

1710306, SS 2026, 1 SWS, Language: English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

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

Language: English

**Advanced Building Studies Design: FITNESS: WARM-UP (Etal.)**

1710312, SS 2026, 1 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

How do we design for a future we cannot predict?

In the face of changing lifestyles and climatic shifts, we explore “agility” as a central design strategy. For us “agile” design means understanding architecture not as a static object, but as a spatial structure capable of accommodating change over time.

Against this backdrop, we analyze exemplary projects in which different life and usage scenarios have already been conceptually anticipated. The focus is on approaches that respond to generational change, shifts in use, or climatic requirements, and whose potential for spatial transformation is examined.

The course can only be chosen in connection with the associated Master Studio "FITNESS" and is mandatory for it.

First Meeting: 23.04.2026, 9:45 AM, Geb. 20.40 , R221,

**Sch(l)auinsland: Advanced Construction Technology Design Studies 2 (Hebel)**

1720605, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

The event can only be chosen in connection with the associated design "**Open space at an altitude of 1100 meters: Renovation of the university building on Schauinsland near Freiburg** (Hebel)" and is mandatory for it.

**Advanced Construction Technology Design Studies (Kaiser)**

1720653, SS 2026, 1 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

The event can only be selected in conjunction with the corresponding design project “Constructing DOMINO ZIRKULAR” and is mandatory for this project.

First Meeting: 23.04.2026, 9:45 am (Room tbd.)

Submission/Presentation: tbd.

Focus of study: Building Technology

**Thematic Design Development for 'After the Credits – The Future of the Inner-City Cinema at Europaplatz, Karlsruhe' (von Both/Koch)**

1720702, SS 2026, 1 SWS, Language: German, [Open in study portal](#)

Blended (On-Site/Online)

Content

Within this course, specific topics and aspects of the design project "After the Credits – The Future of the Inner-City Cinema at Europaplatz, Karlsruhe" will be dealt with in depth, processed and documented. The specific topics will be identified in consultation with the supervisors of the design project at the BLM.

First Meeting: Thursday, 23.04.2026, 9:00 a.m.

Appointment: Thursday by Arrangement, Online by Arrangement

Submission/Exam: Short presentation Tuesday, 06.08.2026, Start 9:00 a.m.

Number of Participants: 15 + 2 Erasmus

Organizational issues

Vorraussetzung: Teilnahme am BLM-Entwurf "Nach dem Abspann - die Zukunft des innerstädtischen Kinos am Europaplatz Karlsruhe"

Requirement: Partition at BLM- Design-planning "After the Credits – The Future of the Inner-City Cinema at Europaplatz, Karlsruhe"

**Advanced Design Studies Digital Design and Fabrication (Dörstelmann)**

1720806, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

This Vertiefung “Digital Design and Fabrication” complements the design studio “Umbau First! ” at the Professorship of Hebel (LV 1720601) and explores the potential of digital design and construction technologies for the sustainable transformation of existing buildings. Students develop digital construction processes in relation to materiality, fabrication, and assembly, examining both architectural design and building technology aspects.

This includes, for example, strategies for reuse, serial renovation concepts, and the application of heterogeneous, reclaimed, or rapidly renewable materials within the diverse existing building stock, in order to derive architectural design approaches for circular and resource-efficient architecture.

This course can only be selected in connection with the design studio “Renovation first! A new building for the KIT Faculty of Architecture on the South Campus (Hebel)” (LV1720601), for which it is mandatory.

First Meeting: 23.04.2026, 10:00 a.m. (location tba)

Hand-in: 05.08. 2026, 10:00 a.m.

V

Advanced Design Project Studies 1, 2

1720982, SS 2026, 0.5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

The advanced design project study in building technology accompanies a building or urban design studio project and comprises related work on a building physics or technical building services topic. Topic, objectives, suitable tools and a work plan will be discussed and fixed during the first meeting (see module handbook).

Dates by arrangement

V

Advanced Project Studies (Inderbitzin/Clauss) Both-And

1731261, SS 2026, 1 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content




The seminar is an integral part of the master-studio *Housing, what do you want to be?*. Participation is obligatory for those choosing the design studio. The dates coincide with those of the Master Studio.





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4.13 Module component: Design Theory [T-ARCH-107373]

Coordinators: Prof. Simon Hartmann
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103631 - Design Theory](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each term	1

Courses					
WT 25/26	1710308	Design Theory: Co-Teaching	2 SWS	Seminar / 	Hartmann, Zucchello
WT 25/26	1710309	Design Theory: STARTING FROM SESC POMPÉIA	2 SWS	Seminar / 	Santana
ST 2026	1710307	Design Theory: Alternative histories for KIT Campus	2 SWS	Seminar / 	Hartmann, Kadid, Coricelli, Vansteenkiste, Zucchello, Giubbini

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

Assessment

Other examination requirements consisting of a written paper on the contents of the seminar encompassing approx. 20 pages and qualified oral discussion contributions.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Design Theory: Co-Teaching

1710308, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The contents and methods of learning and teaching are in constant evolution. Universities have always been more diverse about knowledge transfer than the cliché of top down ex cathedra courses. The seminar Co-Teaching will map the teaching done by students at KIT, research about co-teaching methods within other learning environments and eventually propose new formats for the architecture faculty of KIT. The seminar specifically fosters the participation of students who participated in co-teaching formats in the role of student or HiWi.

Appointment: : Wednesday, 10 AM -1 PM each second week

First meeting: 29.10.2025, at 10.00 AM, Geb. 20.40 R204

Submission/ Exam: tbd

V

Design Theory: STARTING FROM SESC POMPÉIA

1710309, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In 1977, Lina Bo Bardi began turning an old metal factory into SESC Pompéia—a typology for leisure, culture, and community well-being. Today, SESC has 600+ units across Brazil; its singular institutional model helps explain this reach, but not alone. The seminar aims to explore the influences that led to the creation of SESC Pompéia, its impact on subsequent SESC buildings, the architect's role, and the ongoing expansion of SESC Pompeia's global influence as a leading architectural reference. We will map parallels with “Workers Clubs,” “Maisons du Peuple”, “Dom Kulture”, “Kulturhus”. Framing architecture as an expanded, networked practice, our methodology expands from understanding singular projects within broader political, temporal, and typological constellations. We will develop tools for architectural research that embrace multiplicity—questioning not merely what buildings are, but how they evolve, who inhabits them, and why some endure while others fail.

Appointment: : Wednesday, 9:30 AM -1 PM each second week

First meeting: 05.11.2025, at 9.30 AM, Geb. 20.40 R221

Submission/ Exam: 04.03.2026

Number of participants: 16

Form: Individual work and group work



Design Theory: Alternative histories for KIT Campus

1710307, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The KIT Campus evolved through multiple planning phases rather than a single design. Early plans followed a quasi-military order with strong axes, and circulation not intended for cars, later altered by historical development that disrupted symmetry and introduced new spatial logics. Through the study of typology, construction and expression students will analyze how individual buildings embody particular conceptual visions resulting in a campus that today appears as a layered field of competing intentions rather than a unified design. The seminar investigates what kind of future these architects originally imagined and explores speculative scenarios in which these visions continued to shape the campus. By comparing intended concepts with the campus as it exists today, the course develops alternative interpretations of its architectural and institutional history.

Appointment: Wednesday, every two weeks

First meeting: 29.04.2026 at 10.30h, R 221 20.40

Number of Participants: Maximum 16

Final Presentation: 06.08.2026

Output: Group and Individual work





T

4.14 Module component: Design to Built [T-ARCH-109244]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-104514 - Design to Built](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
ST 2026	1720763	Design to Built: My City Lounge @Kronenplatz	4 SWS	Seminar / 	La Magna, Janoschka, Schipper, Porreca

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

Prerequisites

none

Workload

120 hours

Below you will find excerpts from courses related to this module component:

V

Design to Built: My City Lounge @Kronenplatz

1720763, SS 2026, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Karlsruhe is among the hottest cities in Germany, and it clearly showcases how climate change, urban densification, and changing patterns of use are creating new challenges for public spaces. Kronenplatz, located in the city centre, exemplifies this particularly well: in summer it is one of the hottest areas in town and is therefore rarely used.

As part of a broader urban regeneration strategy, the KIT has been involved in several initiatives to improve the comfort and attractiveness of the Kronenplatz—from shading elements such as the *komorebi* canopies, to the knowledge transfer infrastructure Corner and the many events that contribute to the quality and use of the square.

In the project “My City Lounge @Kronenplatz”, we will develop strategies to improve the comfort and the quality of stay as an interdisciplinary Design to Built collaboration between Design of Structures (dos), the Institut für Regionalwissenschaft (IfR), and the South German Climate Office at KIT. We will explore the design of temporary shading systems, introduce green urban furniture, and reconfigure the space to significantly enhance its usability and comfort. In particular, by using the Corner containers, we will create new shaded areas and develop concepts for small-scale urban interventions.

First Meeting: 22.04.2026; 2:00 pm

Location: Bldg. 10.50, Room 412

Regular meeting: Wednesday 2:00 pm – 3:30 pm

Deliverables/Examination: to be announced

Number of Participants: 12



Focus of study: Building Technology





T

4.15 Module component: Detailed Topics of Building Lifecycle Management [T-ARCH-107399]

Coordinators: Prof. Dr.-Ing. Petra von Both
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103656 - Detailed Topics of Building Lifecycle Management](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Irregular	1

Courses					
WT 25/26	1720707	In-depth topics of BLM: AI architecture machines	4 SWS	Lecture / Practice / 	von Both, Koch
ST 2026	1720707	In-depth topics: BIM Coding (von Both)	4 SWS	Lecture / Practice / 	von Both, Koch

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

Below you will find excerpts from courses related to this module component:

V

In-depth topics of BLM: AI architecture machines

1720707, WS 25/26, 4 SWS, Language: German/English, [Open in study portal](#)

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

Content

In this seminar, we will examine the possibilities of using currently available AI applications to train individual expert systems for specific issues in architectural practice. These applications are intended to make our architectural planning more effective, faster, and better in dialogue with the machine. Application scenarios include AI-supported optimizations for various functional aspects of a building.

Examination of Other Types

Appointments: Mondays, 09:45 am, free supervision appointments: Tuesdays, 10:00 a.m. - 11:30 a.m.

1. Appointment: Monday, 2025/10/27, 09:45 am, BLM

Examination Date: Monday, 2026/03/01, 09:45 am, BLM

Organizational issues

Master

V

In-depth topics: BIM Coding (von Both)

1720707, SS 2026, 4 SWS, Language: German/English, [Open in study portal](#)

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

Content

In the seminar, students develop their own AI-supported tools to evaluate IFC models in a targeted manner and make them usable for specific fields of application: sustainability, CO₂ balance, cost analysis, quantity determination, rule checks, or usage optimization.

Programming skills are not required. The actual implementation is AI-supported. Students design use cases, formulate precise requirements, and have the code generated by AI-Systems, which they then test, adapt, and critically evaluate.

The focus is not on manual programming, but on structured thinking, the model logic of IFC, and the ability to use AI productively and in a controlled manner. The result is a functional prototype and a documented use case that shows how digital building models can be systematically evaluated.

First Meeting: Monday, 20.04.2026, 14:00 p.m., Seminarroom BLM

Regular appointments: Mondays, 14:00 -15:30 p.m., on request, Seminarroom BLM

Supervisions: Tuesdays, 10:00 - 11:30 a.m., Seminarroom BLM

Exam: Monday, 05.08.2026, 14:00 p.m, Examination of another type



Max. Number of Participants: 10





T

4.16 Module component: Digital Design and Fabrication [T-ARCH-111790]

Coordinators: Prof. Moritz Dörstelmann
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105857 - Digital Design and Fabrication](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each term	1

Courses					
WT 25/26	1720807	Digital Design and Fabrication with Reclaimed Timber (Dörstelmann)	4 SWS	Seminar / 	Dörstelmann, Zanetti, Fischer
WT 25/26	1720808	Urban PopUp Fabrication – Co-Creating Digitally Enabled Earth-Based Building Systems in Ghana	4 SWS	Seminar / 	Dörstelmann, Feldmann, Fuentes Quijano

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

Assessment

Other examination requirements based on a final presentation.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Digital Design and Fabrication with Reclaimed Timber (Dörstelmann)

1720807, WS 25/26, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The seminar 'Digital Design and Fabrication with Reclaimed Timber' provides insights into digital design and automated robotic fabrication processes using reclaimed timber from various sources.

With the help of computer-aided models and the application of modern technology, residual timber is (re)used to enable circular and resource-efficient architecture.

During the seminar, students work both on the digital design model and hands-on with the material wood, gaining insights into automated robotic fabrication.

The seminar aims to design large-scale load-bearing frame components to be prototyped at 1:1 scale.

01.10.25 - 13.03.2026

Number of Participants: 12

Submission/exam: 13.03.2026

Place: DDF_Lab, Hardeckstraße 2a

A proficient command of Rhino3D and Grasshopper is required.

V

Urban PopUp Fabrication – Co-Creating Digitally Enabled Earth-Based Building Systems in Ghana

1720808, WS 25/26, 4 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Following the successful launch of our Ghanaian–German teaching collaboration and the construction of the RENABUMA research demonstrator (Kumasi, September 2025), a further seminar builds on the outcomes of our ongoing cooperation with Kwame Nkrumah University of Science and Technology (KNUST).

The seminar focuses on digital prefabrication technologies for multi-storey residential buildings based on bamboo–earth hybrid construction. This approach is explored as a sustainable and circular building strategy with the potential to mitigate the climate impacts of rapid urbanisation in Ghana and the wider sub-Saharan context.

Starting from the specific socio-economic and climatic conditions, the seminar investigates architectural strategies and the material potential for ecological construction and sustainable housing. Particular emphasis is placed on resilience, thermal and spatial comfort, and the adaptability of building systems.

First meeting: 30.10.2025 (Building 20.40, room 133)

Midterm: 18.12.2025

Final presentation: 29.01.2026

Teamwork

No prior knowledge needed.





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4.17 Module component: Energy and Indoor Climate Concepts [T-ARCH-111338]

Coordinators: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105680 - Special Topics of Building Physics](#)

Type	Credits	Grading	Term offered	Version
Oral examination	2 CP	graded	Each summer term	1

Courses					
ST 2026	1720970	Energy and Indoor Climate Concepts	2 SWS	Lecture / 	Wagner

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

Assessment

Oral exam of 25 minutes on the contents of the course.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Energy and Indoor Climate Concepts

1720970, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Lecture (V)
On-Site

Content

The students will become familiar with concepts and technologies of energy-efficient building. Topics like heat protection, passive solar energy use, ventilation systems and passive cooling are addressed. New ways of renewable energy supply show the path towards climate-neutral buildings. On the basis of examples from practice, energy and indoor climate concepts for different buildings types are investigated in detail and analyzed with regard to presented performance criteria. For qualification targets see module handbook.

Appointment: Tues. 14:00 PM - 15:30 PM R221

First meeting: Tues. 28.04.2026 14:00 AM

Submission/Exam: 11.08.2026






Number of Participants: 10





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4.18 Module component: Fine Arts [T-ARCH-107366]

Coordinators: Prof. Stephen Craig
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103624 - Fine Arts](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1710367	Fine Arts: Colours of the Day-The last One	4 SWS	Seminar / 	Craig
WT 25/26	1710369	Fine Arts: Repetition as a Form of Change – Copying and Quoting in Art	4 SWS	Seminar / 	Craig, Mühlen
WT 25/26	1710371	Fine Arts: round table: It's me - self-portrait through the ages	4 SWS	Seminar / 	Craig, Okujeni
ST 2026	1710365	Fine Arts: #Tea Ceremony Solar: Performative Ceramics, Tea and Text	4 SWS	Seminar / 	Craig, Schelble
ST 2026	1710367	Fine Arts: Fresh air drawing Foot walk diaries	4 SWS	Seminar / 	Craig

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

Assessment

Other examination requirements consisting of handing in and presenting semester works in the form of pictures or sculptures. Mandatory and a prerequisite is the regular participation in class.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Fine Arts: Colours of the Day-The last One

1710367, WS 25/26, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

We will be drawing and painting. Mostly painting (for example oil on canvas). Trying out various technical methods. Attempting to follow up on the participants individual ideas. Colour /light, observation / perception. Reflecting on the notion of what it means to paint. What painting is and can be.

Appointment: Mo. 9:45 AM - 01:00 PM, 20.40 R204 FG BK

First meeting: Monday, 27.10.2025, 9:45 Uhr, 20.40 R204 FG BK

Submission / Exam:

Number of participants: 12+3 Erasmus

V

Fine Arts: Repetition as a Form of Change – Copying and Quoting in Art

1710369, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Starting from strategies like sampling, covering, and copying, we explore the works of our favorite artists in this seminar. We practice closely observing their works, learning methods, techniques, and motifs through repetition, playfully altering them, and transferring them into new contexts. We use imitation as the starting point for our learning process and as a way to engage with questions about originality. Over the course of the seminar, we develop our own works that blend subtly into the artists' oeuvre – as continuations or homages. The medium (painting, sculpture, photography, video, installation, performance, etc.) is freely chosen. The final presentation takes place as a group exhibition.

Mon, 2-5:15 pm - 1 pm, 27.10.2025

Room 204 / Drawing Room

Number of Participants: 7 MA

Language: german



Fine Arts: round table: It's me - self-portrait through the ages

1710371, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The face you can never see with your own eyes is your own.

Over the course of time, the self-portrait has always provided information about the state of art and the self-perception of the individual. In this practice-oriented seminar, we will approach this topic using various artistic means of expression.

We will reflect on historical examples of self-portraiture and work our way through time using different techniques. Pencil, charcoal and various printing techniques will be used to explore different possibilities of self-portraiture.

There is a maximum cost of €50 for the seminar. Existing material can also be used.

Regular date: Wednesday, 8:30-11:30 am, 20.40 R204 Drawingroom

1st meeting: 29.10.2026

Number of participants: 10 Master

Submission / examination: 11.02.2026



Fine Arts: #Tea Ceremony Solar: Performative Ceramics, Tea and Text

1710365, SS 2026, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In the seminar/exercise #Tea Ceremony Solar: Performative Ceramics, Tea and Text, students will experiment artistically with the production of ceramic tea objects, the writing of poetic texts and the staging of performative gatherings. Asian tea rituals and Masuro Emoto's hypotheses on the storage of ideas in water provide an aesthetic and conceptual starting point. Participants will reflect, make pottery, write, read aloud, moderate, cook, eat, dig and plant. In this context, various designs for solar kettles will also be created, built and tested in a workshop with HFG teachers and students.

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

Regular date Fridays: 10:00-13:00

Start of seminar: Friday, 24.04.2026, 10:30-13:00, 20.40, R204

Submission / examination: 31.07.2026, 10:00-12:00 20.40, R204

Maximum 4 students



Fine Arts: Fresh air drawing Foot walk diaries

1710367, SS 2026, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

With the observation of our every day world begins a process of reflection and visualization. Through a row of sketches and drawings combined with short written descriptions we begin an intensive exploration of the city of Karlsruhe. In the time period of one semester, the exercise involves filling up some DIN A4 sketch pads. Personal impressions of city life are to be documented. In a similar manner to that of a picture book diary, a narrative begins to occur.

Every participant will be given a small perspex glass plate, DIN A4, which he/she can keep with them for the duration of the course. This plate will serve as a very simple additional drawing support mechanism.

Appointment: Monday 9:45 AM - 1:00 PM

First meeting: 21.04.2026

Submission/ Exam:


Number of participants: 12 + 3 Erasmus





T

4.19 Module component: Fire Protection in Planning and Building [T-ARCH-111339]

Coordinators: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105680 - Special Topics of Building Physics](#)

Type	Credits	Grading	Term offered	Version
Oral examination	2 CP	graded	Each summer term	1

Courses					
ST 2026	1720963	Fire Protection in Planning and Building	2 SWS	Lecture / 	Wagner, Hermann

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

Assessment

Oral exam of 25 minutes on the contents of the course.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Fire Protection in Planning and Building

1720963, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Lecture (V)
On-Site**

Content

In this lecture, students are given an in-depth insight into the fire protection of buildings. The basics of which aspects can be taken into account during design in order to meet the requirements for a safe building are taught. To this end, building materials, components and technical building equipment for fire protection are examined in more detail. These points are taught using examples of historically significant and modern buildings. The aim is to be able to independently apply the fundamentals of fire protection in planning and design and to recognize limitations where specialist planners or experts need to be involved. For qualification targets see module handbook.

Appointment: Fr. 09:45 AM - 13:00 PM fortnightly R240 Bauko

First meeting: Fr. 24.04.2026, 09:45 Uhr.

Submission/Exam: 13.08.2026

Number of Participants: 10

T

4.20 Module component: Free Design Specialization [T-ARCH-111329]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-105672 - Design Project

Type	Credits	Grading	Term offered	Version
Examination of another type	2 CP	graded	Each term	1

Courses					
WT 25/26	1710112	Advanced Building Studies Design (Frohn)	1 SWS	/ ●	Frohn, Streicher
WT 25/26	1710207	Advanced Building Studies Design (Bru)	1 SWS	/ ●	Bru, Schneider, Amon, Brückner, Ingold
WT 25/26	1710305	Advanced Building Studies Design (Hartmann)	1 SWS	/ ●	Hartmann, Coricelli, Kadid, Vansteenkiste, Zucchello
WT 25/26	1710306	Advanced Building Studies Design: Harmony, Dialogue & Confrontation (Ritz/Closs)	1 SWS	/ ●	Closs, Ritz, Grün
WT 25/26	1710452	Advanced Communicative Design Studies	1 SWS	Seminar / ●	Rambow, Kosenina
WT 25/26	1720504	Advanced Construction Technology Design Studies: Resource-Conserving Construction Methods in the Context of Climate Change in Cities (Mueller)	1 SWS	/ ●	Müller, Bessai, Alves Rocha, Süßmann
WT 25/26	1720610	Advanced Construction Technology Design Studies (Müller)	1 SWS	Project / ●	Müller, Gerteiser
WT 25/26	1720702	In-depth elaboration on the design on specific topics: Micro-Living (von Both)	1 SWS	Project / ●	von Both, Koch, Seiler-Cuesta
WT 25/26	1720806	Advanced Design Studies (Dörstelmann)	1 SWS	Project / ●	Dörstelmann, Feldmann, Fuentes Quijano
WT 25/26	1720982	Advanced Design Project Studies (A. Wagner)	0.5 SWS	Project / ●	Wagner, Mann, Mino Rodriguez, Alanis Oberbeck, Kaul
WT 25/26	1731061	Advanced Urban Design Project Studies: Repertoire of Urban Districts and Typologies (Neppl)	1 SWS	/ ●	Neppl, Krüger, Hetey
WT 25/26	1731066	Advanced Urban Design Project Studies (Neppl): Compact Seminar on "Barrier-Free and Generation-Appropriate" Design with Self-Awareness Training		Project / ●	Neppl
WT 25/26	1731161	Advanced Urban Design Project Studies (Engel): Discussing Lasnamäe	1 SWS	/ ●	Engel, Staab, Vollmer
WT 25/26	1731211	Advanced Urban Design Project Studies (Schifferli)	1 SWS	/ ●	Schifferli
WT 25/26	1731261	Advanced Project Studies (Inderbitzin/Clauss): From Raw Material to Building	1 SWS	Seminar / ●	Inderbitzin, von Zepelin, Nalbach, Schmitt, Savic
ST 2026	1710103	Advanced Building Studies Design (Frohn)	1 SWS	/ ●	Frohn, Gazzillo, Wasel, Rucci

ST 2026	1710205	Advanced Architectural Design Studies (Bru)	1 SWS	Project / 🎧	Bru, Amon, Brückner, Ingold
ST 2026	1710306	Advanced Architectural Design Studies: (Hartmann)	1 SWS	Project / 🎧	Hartmann, Coricelli, Kadid, Vansteenkiste, Zucchello, Giubbini
ST 2026	1710312	Advanced Building Studies Design: FITNESS: WARM-UP (Eta.)	1 SWS	Project / 🎧	Grün, Syren, Bengtsson, Masla
ST 2026	1720605	Sch(l)auinsland: Advanced Construction Technology Design Studies 2 (Hebel)	1 SWS	/ 🎧	Hebel, Kaiser Hirt, Behringer
ST 2026	1720653	Advanced Construction Technology Design Studies (Kaiser)	1 SWS	Project / 🎧	Kaiser, Erlewein
ST 2026	1720702	Thematic Design Development for 'After the Credits – The Future of the Inner-City Cinema at Europaplatz, Karlsruhe' (von Both/Koch)	1 SWS	/ 🎧	von Both, Koch, Seiler-Cuesta
ST 2026	1720806	Advanced Design Studies Digital Design and Fabrication (Dörstelmann)	1 SWS	Project / 🎧	Dörstelmann
ST 2026	1720982	Advanced Design Project Studies 1, 2	0.5 SWS	Project / 🎧	Wagner, Mann, Mino Rodriguez, Alanis Oberbeck
ST 2026	1731061	Advanced Urban Design Project Studies: Former Lisnave Shipyards: Research, Analytics and Publication (Neppi)	1 SWS	/ 🎧	Neppi, Giralt, Haug
ST 2026	1731161	Advanced Urban Design Project Studies (Engel): Workshop Pfinztal	2 SWS	Seminar / 🎧	Engel, Böcherer, Vollmer
ST 2026	1731211	Advanced Urban Design Project Studies: Think Garden (Schifferli)	1 SWS	/ 🎧	Schifferli, Zuber, Wasik, Viohl
ST 2026	1731261	Advanced Project Studies (Inderbitzin/Clauss) Both-And	1 SWS	Seminar / 🎧	Inderbitzin, Clauss, von Zepelin, Nalbach, Schmitt, Savic

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

Assessment

Other examination requirements consisting of performance during the semester for theoretical or practical consolidation of the design topic, as a rule, of a project work with drawings whose scope depends on the respective task assigned or of an oral talk of approx. 15 minutes duration and a written paper on it encompassing approx. 20 pages or an equivalent assessment which has to be coordinated with the examiner.

Workload

60 hours

Below you will find excerpts from courses related to this module component:

V

Advanced Building Studies Design (Frohn)

1710112, WS 25/26, 1 SWS, Language: English, [Open in study portal](#)

On-Site

Content

The course can only be chosen in conjunction with the associated «Back to the Future?» and is compulsory for this.

Supervision Thu by arrangement

Pin-Ups: to be announced

V

Advanced Building Studies Design (Bru)

1710207, WS 25/26, 1 SWS, Language: English, [Open in study portal](#)

On-Site

Content

Attending the course is only possible for participants of the design project:
Insulation, Unknown Typologies of Future Anticipation, Borderline Investigation #2

Organizational issues

nach Vereinbarung

**Advanced Building Studies Design (Hartmann)**

1710305, WS 25/26, 1 SWS, Language: English, [Open in study portal](#)

On-Site**Content**

This course can only be attended by the participants of the corresponding design studio .

First meeting: 30.10.2025, 10:00 AM, 20.40 R204

Presentation: 26.02.2026

**Advanced Building Studies Design: Harmony, Dialogue & Confrontation (Ritz/Closs)**

1710306, WS 25/26, 1 SWS, Language: German, [Open in study portal](#)

On-Site**Content**

How can the new be brought together with the old? Can there even be a universal answer to such an individual and situational task?

In this seminar, we aim to explore and analyze the diverse strategies, concepts, and approaches to dealing with existing buildings. The goal is to become familiar with the wide range of possible solutions and to empower students to develop their own reflective position.

Through presentations, meaningful case studies on both large and small scales will be examined. In the end, findings will be compiled—both in writing and drawing—into a handbook for dealing with existing structures in rural areas.

Participation in this course is only possible in connection with the associated design studio “*Was wird, wenn keiner Wirt wird?*” and is mandatory for it.

1. meeting: 30.10.2025, 10:00 AM, 20.40 R221

presentation / exam : 26.02.2026

**Advanced Communicative Design Studies**

1710452, WS 25/26, 1 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site****Content**

The in-depth study course will examine, in close coordination with the design studio, how the desired opening of the Kunsthalle to a broad audience and future urban society can be successfully achieved. What architectural means are available to make openness to exchange and discourse visible and tangible, to interlink the new opportunities for use with the context, and allow them to radiate far and wide?

Attending the course is only possible for participants of the corresponding design project 1720601 and for these it is mandatory.

**Advanced Construction Technology Design Studies: Resource-Conserving Construction Methods in the Context of Climate Change in Cities (Mueller)**

1720504, WS 25/26, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site**Content**

Robust architecture today can only be conceived by considering sustainable and climate-adapted structures. Topics such as modularity, demountability, and circularity play a role in the design process, as does the search for architectural responses to the significant climate changes in cities.

The specialization therefore examines in detail the topics of circularity-oriented and resource-conserving construction in the context of current climate developments in the Karlsruhe region. It builds on the design task and aims to teach students the consistent derivation and development of material use and construction, taking the above-mentioned points into account.

This course builds on the design "THE OPEN HOUSE" and can only be chosen in conjunction with it.

**Advanced Construction Technology Design Studies (Müller)**

1720610, WS 25/26, 1 SWS, Language: German, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

Dismantled components and materials that are to be reused in a different location are not necessarily a perfect fit. When planning their reinstallation, gaps or overlaps inevitably arise. It is precisely these areas of misfit that have the potential to create unusual and surprising moments in architectural expression.

In this specialization, we focus our attention on these joints and work on them in a targeted manner. The design process is deliberately reversed: starting with the details, we examine how existing components can be reassembled in a changed context. The results are precisely processed and documented in order to gain insights for flexible, circular construction methods.

The course can only be chosen in connection with the associated Master Studio and is mandatory for it.

Exam: 26.02.2025

V

In-depth elaboration on the design on specific topics: Micro-Living (von Both)

1720702, WS 25/26, 1 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

Within this course, specific topics and aspects of the design project "Micro-Living" will be dealt with in depth, processed and documented. The specific topics will be identified in consultation with the supervisors of the design project at the BLM.

Examination of another type

Regular meeting: Thursdays, 09:00-1:00 pm, presence/online according to Arrangement

First meeting: Thursday, 2025/10/30, 9:00 am, presence/online, Seminar Room BLM

Submission/Exam: Thursday, 2026/03/06

Organizational issues

Vorraussetzung: Teilname am Entwurf "Micro-Living"

Prerequisite: Participation in the design Project "Micro-Living"

V

Advanced Design Studies (Dörstelmann)

1720806, WS 25/26, 1 SWS, Language: English, [Open in study portal](#)

Project (PRO)
On-Site

Content

This course can only be selected in connection with the design studio "Urban PopUp Fabrication – Co-creating digitally enabled earth-based building systems in Ghana" (LV1720805), for which it is mandatory.

First Meeting: 30.10.2025

Hand-in: 26.02.2026

V

Advanced Design Project Studies (A. Wagner)

1720982, WS 25/26, 0.5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

The advanced design project study in building technology accompanies a building or urban design studio project and comprises related work on a building physics or technical building services topic. Topic, objectives, suitable tools and a work plan will be discussed and fixed during the first meeting (see module handbook).

By arrangement 20.40 R 235

V

Advanced Urban Design Project Studies: Repertoire of Urban Districts and Typologies (Neppi)

1731061, WS 25/26, 1 SWS, Language: German, [Open in study portal](#)

On-Site

Content

The former industrial city of Mulhouse consists of a variety of different urban structures, each with its own specific typologies. Understanding typologies and floor plans is essential for both the development of new urban districts and the transformation of historically grown neighbourhoods.

In the advanced design course, each group will analyse one urban district of Mulhouse and examine various typologies in detail. The aim of the advanced course is, on the one hand, to gain a better understanding of the different characters of the urban districts and, on the other hand, to obtain a diverse repertoire of building typologies that can be accessed in further design work. The results are presented and made available to all design participants in a short presentation.

The course can only be chosen in connection with the corresponding urban design course and is mandatory for it.

Dates: Thu, 2:00 p.m.-3:30 p.m. 11.40, EG, R015

Exam: 26.02.2026

V

Advanced Urban Design Project Studies (Nepl): Compact Seminar on “Barrier-Free and Generation-Appropriate” Design with Self-Awareness Training Project (PRO) On-Site

1731066, WS 25/26, SWS, Language: German, [Open in study portal](#)

Content

Seminars and workshops on accessibility / self-awareness courses for students:

Before the students begin their work, the participating educational institutions are offered seminars on the criteria for accessibility and on self-awareness of various forms of disability. The compact seminars and workshops are conducted by employees of the State Center for Accessibility and the associations.

The events are scheduled and coordinated by the participating universities.

The assignment consists of an in-depth examination of a subtopic of the respective event with corresponding elaboration and documentation.

The event can only be chosen in connection with the corresponding urban planning project and is mandatory for it.

Dates: in agreement/ Further information on October 24

Submission: 28.02.2026

V

Advanced Urban Design Project Studies (Engel): Discussing Lasnamäe

1731161, WS 25/26, 1 SWS, Language: English, [Open in study portal](#)

On-Site

Content

The design work is being carried out in cooperation with local stakeholders—the Estonian Academy of Arts (EKA), the city planning office, and initiatives of the civil society such as the NGO Lasna!dee in Tallinn. In order to keep the participating partners and the interested public informed about the progress of the design, a blog will be established, on which weekly highlights of the project activities as well as notes and comments will be posted.

Appointment: Thu 14:00-16:00 h, bldg. 11.40 R013 res.

First Meeting: Fr. 31 Oct. / Mo. 03 Nov., 2025, 14:00 h Bldg. 11.40 R013

Submission/Exam: Fr. 06 March, 2026

Form: Teams of 2

The course can only be chosen in combination with the related design "Lasna!dee. Perspectives for Resilient Neighbourhoods in Kuristiku / Tallinn" and is obligatory for it.

V

Advanced Urban Design Project Studies (Schifferli)

1731211, WS 25/26, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

The exact content will be defined during the course of the semester. The course can only be selected in conjunction with the corresponding GARTEN DENKEN design project and is compulsory for this project.

First meeting: 30.10.2025, introduction at 10:00 a.m., AI-image tutorial at 2:00 p.m., (building 11.40, room 106)

Interim reviews: 17.11.2025/15.01.2026/12.02.2026, each meeting begins at 8:00 a.m.

Submission/presentation: 26.02.2026, beginning at 10:00 a.m.

Form of work: individual work

**Advanced Project Studies (Inderbitzin/Claus): From Raw Material to Building**1731261, WS 25/26, 1 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)**
On-Site**Content**

The Seminar is an integral part of the master-studio 'The Light and the Heavy'. Participation is obligatory for those choosing the design studio. The dates coincide with those of the Master Studio except for the final presentation.

Examination/presentation: to be announced

**Advanced Building Studies Design (Frohn)**1710103, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)**On-Site****Content**

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

**Advanced Architectural Design Studies (Bru)**1710205, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)**
On-Site**Content**

Attending the course is only possible for participants of the design project LV1710204

Organizational issues

Die Vorlesungen „Grundlagen der Baukunde und Gestaltung“ werden durch eine Reihe von Übungen ergänzt.

**Advanced Architectural Design Studies: (Hartmann)**1710306, SS 2026, 1 SWS, Language: English, [Open in study portal](#)**Project (PRO)**
On-Site**Content**

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

Language: English

**Advanced Building Studies Design: FITNESS: WARM-UP (Etal.)**1710312, SS 2026, 1 SWS, Language: German, [Open in study portal](#)**Project (PRO)**
On-Site**Content**

How do we design for a future we cannot predict?

In the face of changing lifestyles and climatic shifts, we explore "agility" as a central design strategy. For us "agile" design means understanding architecture not as a static object, but as a spatial structure capable of accommodating change over time.

Against this backdrop, we analyze exemplary projects in which different life and usage scenarios have already been conceptually anticipated. The focus is on approaches that respond to generational change, shifts in use, or climatic requirements, and whose potential for spatial transformation is examined.

The course can only be chosen in connection with the associated Master Studio "FITNESS" and is mandatory for it.

First Meeting: 23.04.2026, 9:45 AM, Geb. 20.40, R221,

**Sch(l)auinsland: Advanced Construction Technology Design Studies 2 (Hebel)**1720605, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)**On-Site****Content**

The event can only be chosen in connection with the associated design "Open space at an altitude of 1100 meters: Renovation of the university building on Schauinsland near Freiburg (Hebel)" and is mandatory for it.

**Advanced Construction Technology Design Studies (Kaiser)**1720653, SS 2026, 1 SWS, Language: German, [Open in study portal](#)**Project (PRO)**
On-Site

Content

The event can only be selected in conjunction with the corresponding design project "Constructing DOMINO ZIRKULAR" and is mandatory for this project.

First Meeting: 23.04.2026, 9:45 am (Room tbd.)

Submission/Presentation: tbd.

Focus of study: Building Technology

V

Thematic Design Development for 'After the Credits – The Future of the Inner-City Cinema at Europaplatz, Karlsruhe' (von Both/Koch)

1720702, SS 2026, 1 SWS, Language: German, [Open in study portal](#)

Blended (On-Site/Online)

Content

Within this course, specific topics and aspects of the design project "After the Credits – The Future of the Inner-City Cinema at Europaplatz, Karlsruhe" will be dealt with in depth, processed and documented. The specific topics will be identified in consultation with the supervisors of the design project at the BLM.

First Meeting: Thursday, 23.04.2026, 9:00 a.m.

Appointment: Thursday by Arrangement, Online by Arrangement

Submission/Exam: Short presentation Tuesday, 06.08.2026, Start 9:00 a.m.

Number of Participants: 15 + 2 Erasmus

Organizational issues

Vorraussetzung: Teilnahme am BLM-Entwurf "Nach dem Abspann - die Zukunft des innerstädtischen Kinos am Europaplatz Karlsruhe"

Requirement: Partition at BLM- Design-planning "After the Credits – The Future of the Inner-City Cinema at Europaplatz, Karlsruhe"

V

Advanced Design Studies Digital Design and Fabrication (Dörstelmann)

1720806, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

This Vertiefung "Digital Design and Fabrication" complements the design studio "Umbau First! " at the Professorship of Hebel (LV 1720601) and explores the potential of digital design and construction technologies for the sustainable transformation of existing buildings. Students develop digital construction processes in relation to materiality, fabrication, and assembly, examining both architectural design and building technology aspects.

This includes, for example, strategies for reuse, serial renovation concepts, and the application of heterogeneous, reclaimed, or rapidly renewable materials within the diverse existing building stock, in order to derive architectural design approaches for circular and resource-efficient architecture.

This course can only be selected in connection with the design studio "Renovation first! A new building for the KIT Faculty of Architecture on the South Campus (Hebel)" (LV1720601), for which it is mandatory.

First Meeting: 23.04.2026, 10:00 a.m. (location tba)

Hand-in: 05.08. 2026, 10:00 a.m.

V

Advanced Design Project Studies 1, 2

1720982, SS 2026, 0.5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

The advanced design project study in building technology accompanies a building or urban design studio project and comprises related work on a building physics or technical building services topic. Topic, objectives, suitable tools and a work plan will be discussed and fixed during the first meeting (see module handbook).

Dates by arrangement

V

Advanced Urban Design Project Studies: Former Lisnave Shipyards: Research, Analytics and Publication (Neppl)

1731061, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

As an extension of the urban master design studio, this course accompanies the project through a comparative research and analysis of selected international waterfront developments. The study focuses on their spatial structures, urban typologies, mix of uses, and numeric urban planning parameters to derive spatial principles and transferable strategies for the transformation of the former Lisnave Shipyards.

In addition, a documentation is being compiled that summarises the studio's design proposals. The aim is to subsequently publish the results in a print and online documentation.

This course can only be chosen in connection with the corresponding urban design project and is compulsory for this project.

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

Exam: 06.08.2026

**Advanced Urban Design Project Studies (Engel): Workshop Pfinztal**

1731161, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

As transport planners, urban planners and architects, we are the experts in planning our living environment. However, many everyday challenges remain invisible to us as external professionals. This is where residents can provide essential knowledge about their living environment, existing conflicts and community needs. In Pfinztal, we aim to learn from citizens as local experts. We will organize an on-site workshop bringing together professionals and engaged citizens to discuss the needs and goals for the future development of Pfinztal. The ideas generated during the workshop will be synthesized to be used in the design work.

Appointments: Thu 14:00-16:00 pm, 11.40 R 013

First meeting: Thu April 23, 10:00 am, 11.40 R013

Submission/Exam: July 2, 2026

Form: Teamwork

The course can only be chosen in conjunction with the corresponding design (Blue-Green Transformation. Reimagining Spinning Mill Area in Ettlingen. (Engel)) and is mandatory for this course.

**Advanced Urban Design Project Studies: Think Garden (Schifferli)**

1731211, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

The exact content will be defined during the course of the semester. The course can only be selected in conjunction with the corresponding GARTEN DENKEN design project and is compulsory for this project.

**Advanced Project Studies (Inderbitzin/Clauss) Both-And**

1731261, SS 2026, 1 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The seminar is an integral part of the master-studio *Housing, what do you want to be?*. Participation is obligatory for those choosing the design studio. The dates coincide with those of the Master Studio.

T

4.21 Module component: Historical Building Research [T-ARCH-107417]

Coordinators: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103676 - Historical Building Research](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each term	1

Courses					
WT 25/26	1741375	Historical Building Research:Cumulus Caementitium_Pointcloud and Beyond	4 SWS	Seminar / 🗣️	Medina Warmburg, Busse
WT 25/26	1741376	Research Seminar: Historical Building Research_Independent Study Project	2 SWS	Seminar / 🗣️	Medina Warmburg, Busse
ST 2026	1741390	Historical Building Research _ Free Student Research Project	2 SWS	Project / 🗣️	Medina Warmburg, Busse

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

Below you will find excerpts from courses related to this module component:

V

Historical Building Research:Cumulus Caementitium_ Pointcloud and Beyond

1741375, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

The construction revolution calls for no new buildings to be constructed, but rather for the potential of existing buildings to be maximized. This poses major challenges for architects: How can the potential of a historic building be assessed? What information is needed to do this? How and where can planning documents be organized? How can appropriate measures be developed? In this seminar, we will use the example of a recent post-war modernist architectural monument to test methods of contemporary inventory recording such as 3D laser scanning, archive research, and potential analysis, and use the results to develop a feasibility study for the property. Excursions and guest lectures will provide an introduction and overview of the current state of the art in inventory recording available to us today.

Mandatory excursion on November 3rd 2025, to the archive and on November 10th 2025, to Stuttgart-Vaihingen.

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

Focus of study: Architectural and Cultural Heritage

V

Research Seminar: Historical Building Research_Independent Study Project

1741376, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

Existing buildings make up a large part of our infrastructure-dominated environment. Consciously shaping their transformation in the tension between preservation and renewal requires a methodical approach within the various strategies for shaping the building stock. This requires a fundamental recording, analysis, and evaluation of the existing building fabric. Using archival records, inventory plans, measurements, and mapping, the construction and modification history as well as the condition of a freely selected object are traced. Based on the evaluation and prioritization, the potential is determined using a SWOT analysis and further developed with usage configurations oriented toward the existing building stock.

First Meeting: Tue 28.10.2025, 2 p.m.

Examination/assessment: Research, analysis, diagram drawings, and presentation of a topic, multi-part term paper.

Number of Participants: 10 Master. 4 Art History

Focus of study: Architectural and Cultural Heritage

V

Historical Building Research _ Free Student Research Project

1741390, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

Consciously designing the transformation of existing buildings in the context of preservation and renewal requires a fundamental knowledge of the existing structure, its condition, and history, as well as knowledge of the methodological approach within the various strategies for shaping the building stock. This requires a thorough survey, analysis, and evaluation of the existing building fabric. Using a freely chosen object, the current condition and possibilities for future usage configurations are analyzed on the basis of a building survey and exploration of archival materials, inventory plans, and the history of construction and alterations.

1st meeting: Wed 22.04.2026, 2 pm

Appointments by arrangement

Examination/submission: Analysis, drawings and presentation of a topic, multi-part term paper

Submission: 30.09.2026

Number of participants: 8 Master, 8 Art History











Focus of study: Architectural and Cultural Heritage





T

4.22 Module component: History of Architecture [T-ARCH-111795]

Coordinators: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: M-ARCH-105862 - History of Architecture

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1741382	History of Construction Technology: History of Architecture/Urban Planning: From Log Construction to Half-Timbering: Wooden Construction in the Middle Ages	2 SWS	Seminar / 	Medina Warmburg, Brehm
WT 25/26	1741383	Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Rheinhafen Karlsruhe	2 SWS	Seminar / 	Medina Warmburg, Garrido
WT 25/26	1741384	Selected Environmental History of Architecture: History of Architecture/Urban Planning: Unbuild Karlsruhe	2 SWS	Seminar / 	Medina Warmburg, Garrido
WT 25/26	1741386	Architecture in Film: History of Architecture/Urban Planning: Courtly Counterworlds (Part 3)	2 SWS	Seminar / 	Medina Warmburg, Silvestri
ST 2026	1741384	Architecture and the City in Film: History of Architecture/Urban Planning: Symphonies of the Big City - Berlin (Part IV)	2 SWS	Seminar / 	Medina Warmburg
ST 2026	1741385	Environmental History of Architecture: History of Architecture/Urban Planning: Unbuilt Karlsruhe	2 SWS	Seminar / 	Medina Warmburg, Garrido
ST 2026	1741387	History of Cultural Landscapes: History of Architecture/Urban Planning: The City in the Forest. The Waldstadt Settlement Project in Karlsruhe and Karl Selg's Concept of Geo Urbanism	2 SWS	Seminar / 	Medina Warmburg, Silvestri
ST 2026	1741390	Historical Building Research _ Free Student Research Project	2 SWS	Project / 	Medina Warmburg, Busse
ST 2026	1741391	Digital Tools and Methods: History of Architecture/Urban Planning: DESIGN BY CATALOG: Ornamental Systems and Architectural Composition	2 SWS	Seminar / 	Medina Warmburg, Garrido
ST 2026	1741394	Applied Historical Building Research _ Exercise: Summer School at Heilig Kreuztal Monastery	2 SWS	Excursion / 	Medina Warmburg, Busse

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

Assessment

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 courses related to this module component:

V

History of Construction Technology: History of Architecture/Urban Planning: From Log Construction to Half-Timbering: Wooden Construction in the Middle Ages
Seminar (S)
On-Site1741382, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)**Content**

For centuries, wood was the preferred building material in residential construction. Given that it is a perishable material, it is all the more astonishing that numerous wooden buildings from the Middle Ages have survived to this day. Others were replaced by stone buildings precisely because of the fire hazard and can now only be traced through archaeological remains. Due to its widespread use, regional differences can be seen, which are determined by climate, availability of raw materials and fashions. And yet, structural characteristics can also be seen across different cultural circles. This seminar will provide an overview of developments in timber construction in the Middle Ages, an insight into regional characteristics and structural details.

Submission/examination: Presentation and term paper by March 31.03.2026

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Rheinhafen Karlsruhe
Seminar (S)
On-Site1741383, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)**Content**

Since its construction at the turn of the 20th century, the Rheinhafen has been a crucial driver of Karlsruhe's industrial and economic development. Acting as a gateway for trade and energy, it reshaped the city's relationship with the Rhine and transformed its urban and environmental landscape.

This seminar proposes to examine the Rheinhafen as a layered urban and infrastructural system, tracing its evolution from industrial port to its current role within the city. Using architectural research and representation tools alongside archival material, cartographic evidence, and on-site documentation, participants will analyze how transport, energy, and industry intersect with environmental conditions. The goal is to compose an "urban biography" of the Rheinhafen, revealing how flows of goods, people, and resources have left lasting marks on Karlsruhe's built environment.

Submission/Exam: presentation and essay due 31.03.2026

Number of Participants: 7

Focus of study: Architectural and Cultural Heritage

V

Selected Environmental History of Architecture: History of Architecture/Urban Planning: Unbuild Karlsruhe
Seminar (S)
On-Site1741384, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)**Content**

On its more than three centuries of history, Karlsruhe has been shaped not only by what was built, but also by what remained on paper. From Friedrich Weinbrenner's early 19th-century proposal to weave water canals through the city to radical cultural projects such as OMA's unbuilt design for the ZKM, Karlsruhe has been a testing ground for ambitious visions that never materialized. These unbuilt projects reveal as much about the city's aspirations, politics, and cultural identity as its constructed landmarks.

This seminar investigates a series of unrealized projects through architectural drawings, competition documents, and archival research. By reconstructing their contexts and intentions, participants will explore how design speculation shaped – and sometimes clashed with – Karlsruhe's urban development. Using architectural research methods, representation tools, and comparative analysis, the seminar will culminate in a curated exhibition that presents an "fictional urban biography" of what might have been, revealing alternative trajectories and unrealized futures embedded within the city's history.

Submission/Exam: presentation and essay due 31.03.2026

Number of Participants: 7

Focus of study: Architectural and Cultural Heritage

V

Architecture in Film: History of Architecture/Urban Planning: Courtly Counterworlds (Part 3)Seminar (S)
On-Site1741386, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)**Content**

The multi-part seminar series on architecture in film, organized by the Chair of Architectural and Building History, enters its third round this semester. Its main theme is the examination of film art as a genuine and influential medium of modernity with various social phenomena and their built environment. While previous editions of the series focused on the utopian and dystopian counterworlds of “other places” and the motif of the ‘uncanny’ in residential architecture, the current edition focuses on courtly architecture. The focus is on reflecting on the interactions between courtly society and its materialization in the cosmos of the “castle.” In addition, the visualization, evaluation, and distortion of the artistic and political aspects of representative castle architecture in film will be discussed.

The film screening will be followed by an open discussion. The aim of the event is to open up new perspectives on architecture-related topics for participants. Credit for the seminar will be awarded for active participation with preparation, moderation, and follow-up of a film evening.

All interested parties are cordially invited.

Submission/Exam: presentation and essay due 31.03.2026

1. Meeting: 28.10.2025

Dates: 6 double sessions in November and December

Number of Participants: 5 bachelor's and 5 master's students, 3 students from KG

Focus of Study: Architectural and Cultural Heritage

V

Architecture and the City in Film: History of Architecture/Urban Planning: Symphonies of the Big City - Berlin (Part IV)Seminar (S)
On-Site1741384, SS 2026, 2 SWS, Language: German, [Open in study portal](#)**Content**

As a defining medium of modernity, film has portrayed and critically reflected on urban lifestyles and the associated architectures. In the fourth edition of our film series, we focus on cinematic representations of the city of Berlin and its architecture across the eventful 20th century. The starting point will be an examination of the architectural forms and content of Walter Ruttmann's film “Die Sinfonie der Großstadt” (The Symphony of the Big City, 1927). The other films in the series expand on the spectrum of architectural features characteristic of Berlin and its diverse social fabric. Each film screening will be followed by an open discussion round. The aim of the seminar is to open up new perspectives on architecture-related topics. The seminar will be credited for active participation in the preparation, moderation and follow-up of a film evening.

Number of participants: 15 (6 Bachelor, 6 Master, 2 Art History), open to interested members of the public.

Movie nights: 5 double sessions in May and June

Focus of study: Architectural and Cultural Heritage

V

Environmental History of Architecture: History of Architecture/Urban Planning: Unbuilt KarlsruheSeminar (S)
On-Site1741385, SS 2026, 2 SWS, Language: English, [Open in study portal](#)**Content**

From Friedrich Weinbrenner's early 19th-century proposal to weave water canals through the city to radical cultural projects such as OMA's unbuilt design for the ZKM, Karlsruhe has been a testing ground for ambitious visions that never materialized. These unbuilt projects reveal as much about the city's aspirations, politics, and cultural identity as its constructed landmarks.

This seminar investigates a series of unrealized projects through architectural drawings, competition documents, and archival research. Using architectural research methods, representation tools, and comparative analysis, the seminar will culminate in a curated exhibition that presents an “fictional urban biography” of what might have been, revealing alternative trajectories and unrealized futures embedded within the city's history.

Submission/Exam: presentation and models till 30.09.2026

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

Focus of study: Architectural and Cultural Heritage

V

History of Cultural Landscapes: History of Architecture/Urban Planning: The City in the Forest. The Waldstadt Settlement Project in Karlsruhe and Karl Selg's Concept of Geo Urbanism

Seminar (S)
On-Site1741387, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Content

The identity of the city of Karlsruhe has, since its founding, been inextricably linked both to its location in the Hardtwald and to the partially clearing of that forest. It was this historical and topographical peculiarity that Karl Selg took up in the 1950s, when he developed a new peripheral housing estate in the eastern part of Karlsruhe. His aim was to create urgently needed new and affordable housing in the post-war period. The project is closely connected with new concepts of context- and nature-sensitive urbanism, as well as with Selg's own concept of "geo-urbanics."

In the seminar, this project and its underlying ideas will be discussed, analysed, and critically communicated on the basis of an extensive archival corpus held at the saai. We will examine original drawings and manuscripts by Karl Selg and seek to situate the project within the broader framework of post-war urbanism. This is also intended as an experimental response to the question of whether, and how, city and forest can be conceived together.

Submission/Exam: presentation and paper due 30.09.2026

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

Focus of study: Architectural and Cultural Heritage

V

Historical Building Research _ Free Student Research Project

Project (PRO)
On-Site1741390, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Content

Consciously designing the transformation of existing buildings in the context of preservation and renewal requires a fundamental knowledge of the existing structure, its condition, and history, as well as knowledge of the methodological approach within the various strategies for shaping the building stock. This requires a thorough survey, analysis, and evaluation of the existing building fabric. Using a freely chosen object, the current condition and possibilities for future usage configurations are analyzed on the basis of a building survey and exploration of archival materials, inventory plans, and the history of construction and alterations.

1st meeting: Wed 22.04.2026, 2 pm

Appointments by arrangement

Examination/submission: Analysis, drawings and presentation of a topic, multi-part term paper

Submission: 30.09.2026

Number of participants: 8 Master, 8 Art History

Focus of study: Architectural and Cultural Heritage

V

Digital Tools and Methods: History of Architecture/Urban Planning: DESIGN BY CATALOG: Ornamental Systems and Architectural Composition

Seminar (S)
On-Site1741391, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

Content

Every ornamental system is also a catalog — a collection of pieces with rules for how they connect, combine, and accumulate. From the classical orders to 19th century cast iron foundry publications, architects have always composed with reproducible parts, connection rules, and combinatorial potential.

The seminar is interested in historical and contemporary ornamental systems, from 19th century industrial terracotta and cast-iron catalogs, to parametric part libraries and computational ornament — decoding their underlying grammars and combinatorial logics. From that research, students will develop an original personal catalog of 3D-printed pieces: profiles, surface patterns, transitions, joints, and elements governed by a coherent internal system.

Submission/Exam: presentation and models due 30.09.2026

Number of participants: 5 BA, 5 MA, 5 Art History

Focus of study: Architectural and Cultural Heritage

V

Applied Historical Building Research _ Exercise: Summer School at Heilig Kreuztal Monastery**Excursion (EXK)
On-Site**1741394, SS 2026, 2 SWS, Language: German, [Open in study portal](#)**Content**

The expertise required to preserve the substance of listed buildings and develop them in a sustainable manner, balancing the conflicting demands of preservation and renewal, and to consciously shape this process, requires a methodical approach to building exploration and documentation, as well as various strategies for shaping the building stock. This requires a fundamental documentation, analysis, and evaluation of the existing building fabric. During the ten-day summer school, the “long building” of the monastery in Heilig Kreuztal will be examined using digital measurements of the building structure and damage mapping. The history of the building and its alterations will be researched using archival materials and existing plans, and further developed with usage configurations appropriate for listed buildings

Application not via Campus Plus. Application deadline: March 6, 2026, at the State Academy of Fine Arts Stuttgart.

<https://www.abk-stuttgart.de/news/summer-school-denkmalpflege-2026-im-kloster-heiligkreuztal/>

Mandatory excursion 19.-25.07.2026

Examination/submission: Analysis, drawings, and presentation of a topic

Open for Bachelor, Master and Art History

Focus of study: Architectural and Cultural Heritage





T

4.23 Module component: History of Landscape Architecture [T-ARCH-107380]

Coordinators: Prof. Maurus Schifferli
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103638 - History of Landscape Architecture](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each winter term	1

Courses					
WT 25/26	1731213	History of Landscape Architecture	2 SWS	Seminar / 	Schifferli

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

Assessment

Other examination requirements consisting of a written composition that has to be undertaken together with a smaller design task in the course of the lecture period. The progress monitoring occurs during the study period within the framework of up to two intermediate and one final presentation.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

History of Landscape Architecture

1731213, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

By studying important figures and their works in landscape architecture, botany, geology, geography, art, philosophy and urban planning, we approach the history of landscape and landscape architecture. In a diachronic process, the positions of the protagonists are located in space and time.

Students analyse their major works using graphic documents and quotations. These serve as the basis for biographical works, which are presented as results in a presentation.

First meeting: 05.11.2025, 11:00 a.m., introduction (building 11.40, room 126)

Discussions: 19.11.2025/03.12.2025/

17.12.2025/07.01.2026/21.01.2026/ each meeting begins at 11:00 a.m.

Submission/presentation: 04.02.2026, beginning at 11:00 a.m.

Type of assignment: individual work










Number of participants: max. 12





T

4.24 Module component: History of Urban Planning [T-ARCH-111793]

Coordinators: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105860 - History of Urban Planning](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1741382	History of Construction Technology: History of Architecture/Urban Planning: From Log Construction to Half-Timbering: Wooden Construction in the Middle Ages	2 SWS	Seminar / 	Medina Warmburg, Brehm
WT 25/26	1741383	Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Rheinhafen Karlsruhe	2 SWS	Seminar / 	Medina Warmburg, Garrido
WT 25/26	1741384	Selected Environmental History of Architecture: History of Architecture/Urban Planning: Unbuild Karlsruhe	2 SWS	Seminar / 	Medina Warmburg, Garrido
WT 25/26	1741386	Architecture in Film: History of Architecture/Urban Planning: Courtly Counterworlds (Part 3)	2 SWS	Seminar / 	Medina Warmburg, Silvestri
ST 2026	1741384	Architecture and the City in Film: History of Architecture/Urban Planning: Symphonies of the Big City - Berlin (Part IV)	2 SWS	Seminar / 	Medina Warmburg
ST 2026	1741385	Environmental History of Architecture: History of Architecture/Urban Planning: Unbuilt Karlsruhe	2 SWS	Seminar / 	Medina Warmburg, Garrido
ST 2026	1741387	History of Cultural Landscapes: History of Architecture/Urban Planning: The City in the Forest. The Waldstadt Settlement Project in Karlsruhe and Karl Selg's Concept of Geo Urbanism	2 SWS	Seminar / 	Medina Warmburg, Silvestri
ST 2026	1741390	Historical Building Research _ Free Student Research Project	2 SWS	Project / 	Medina Warmburg, Busse
ST 2026	1741391	Digital Tools and Methods: History of Architecture/Urban Planning: DESIGN BY CATALOG: Ornamental Systems and Architectural Composition	2 SWS	Seminar / 	Medina Warmburg, Garrido
ST 2026	1741394	Applied Historical Building Research _ Exercise: Summer School at Heilig Kreuztal Monastery	2 SWS	Excursion / 	Medina Warmburg, Busse

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

Assessment

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 courses related to this module component:

V
History of Construction Technology: History of Architecture/Urban Planning: From Log Construction to Half-Timbering: Wooden Construction in the Middle Ages
**Seminar (S)
On-Site**

 1741382, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)
Content

For centuries, wood was the preferred building material in residential construction. Given that it is a perishable material, it is all the more astonishing that numerous wooden buildings from the Middle Ages have survived to this day. Others were replaced by stone buildings precisely because of the fire hazard and can now only be traced through archaeological remains. Due to its widespread use, regional differences can be seen, which are determined by climate, availability of raw materials and fashions. And yet, structural characteristics can also be seen across different cultural circles. This seminar will provide an overview of developments in timber construction in the Middle Ages, an insight into regional characteristics and structural details.

Submission/examination: Presentation and term paper by March 31.03.2026

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V
Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Rheinhafen Karlsruhe
**Seminar (S)
On-Site**

 1741383, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)
Content

Since its construction at the turn of the 20th century, the Rheinhafen has been a crucial driver of Karlsruhe's industrial and economic development. Acting as a gateway for trade and energy, it reshaped the city's relationship with the Rhine and transformed its urban and environmental landscape.

This seminar proposes to examine the Rheinhafen as a layered urban and infrastructural system, tracing its evolution from industrial port to its current role within the city. Using architectural research and representation tools alongside archival material, cartographic evidence, and on-site documentation, participants will analyze how transport, energy, and industry intersect with environmental conditions. The goal is to compose an "urban biography" of the Rheinhafen, revealing how flows of goods, people, and resources have left lasting marks on Karlsruhe's built environment.

Submission/Exam: presentation and essay due 31.03.2026

Number of Participants: 7

Focus of study: Architectural and Cultural Heritage

V
Selected Environmental History of Architecture: History of Architecture/Urban Planning: Unbuild Karlsruhe
**Seminar (S)
On-Site**

 1741384, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)
Content

On its more than three centuries of history, Karlsruhe has been shaped not only by what was built, but also by what remained on paper. From Friedrich Weinbrenner's early 19th-century proposal to weave water canals through the city to radical cultural projects such as OMA's unbuild design for the ZKM, Karlsruhe has been a testing ground for ambitious visions that never materialized. These unbuild projects reveal as much about the city's aspirations, politics, and cultural identity as its constructed landmarks.

This seminar investigates a series of unrealized projects through architectural drawings, competition documents, and archival research. By reconstructing their contexts and intentions, participants will explore how design speculation shaped – and sometimes clashed with – Karlsruhe's urban development. Using architectural research methods, representation tools, and comparative analysis, the seminar will culminate in a curated exhibition that presents an "fictional urban biography" of what might have been, revealing alternative trajectories and unrealized futures embedded within the city's history.

Submission/Exam: presentation and essay due 31.03.2026

Number of Participants: 7

Focus of study: Architectural and Cultural Heritage

V

Architecture in Film: History of Architecture/Urban Planning: Courtly Counterworlds (Part 3)Seminar (S)
On-Site1741386, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)**Content**

The multi-part seminar series on architecture in film, organized by the Chair of Architectural and Building History, enters its third round this semester. Its main theme is the examination of film art as a genuine and influential medium of modernity with various social phenomena and their built environment. While previous editions of the series focused on the utopian and dystopian counterworlds of “other places” and the motif of the ‘uncanny’ in residential architecture, the current edition focuses on courtly architecture. The focus is on reflecting on the interactions between courtly society and its materialization in the cosmos of the “castle.” In addition, the visualization, evaluation, and distortion of the artistic and political aspects of representative castle architecture in film will be discussed.

The film screening will be followed by an open discussion. The aim of the event is to open up new perspectives on architecture-related topics for participants. Credit for the seminar will be awarded for active participation with preparation, moderation, and follow-up of a film evening.

All interested parties are cordially invited.

Submission/Exam: presentation and essay due 31.03.2026

1. Meeting: 28.10.2025

Dates: 6 double sessions in November and December

Number of Participants: 5 bachelor's and 5 master's students, 3 students from KG

Focus of Study: Architectural and Cultural Heritage

V

Architecture and the City in Film: History of Architecture/Urban Planning: Symphonies of the Big City - Berlin (Part IV)Seminar (S)
On-Site1741384, SS 2026, 2 SWS, Language: German, [Open in study portal](#)**Content**

As a defining medium of modernity, film has portrayed and critically reflected on urban lifestyles and the associated architectures. In the fourth edition of our film series, we focus on cinematic representations of the city of Berlin and its architecture across the eventful 20th century. The starting point will be an examination of the architectural forms and content of Walter Ruttmann's film “Die Sinfonie der Großstadt” (The Symphony of the Big City, 1927). The other films in the series expand on the spectrum of architectural features characteristic of Berlin and its diverse social fabric. Each film screening will be followed by an open discussion round. The aim of the seminar is to open up new perspectives on architecture-related topics. The seminar will be credited for active participation in the preparation, moderation and follow-up of a film evening.

Number of participants: 15 (6 Bachelor, 6 Master, 2 Art History), open to interested members of the public.

Movie nights: 5 double sessions in May and June

Focus of study: Architectural and Cultural Heritage

V

Environmental History of Architecture: History of Architecture/Urban Planning: Unbuilt KarlsruheSeminar (S)
On-Site1741385, SS 2026, 2 SWS, Language: English, [Open in study portal](#)**Content**

From Friedrich Weinbrenner's early 19th-century proposal to weave water canals through the city to radical cultural projects such as OMA's unbuilt design for the ZKM, Karlsruhe has been a testing ground for ambitious visions that never materialized. These unbuilt projects reveal as much about the city's aspirations, politics, and cultural identity as its constructed landmarks.

This seminar investigates a series of unrealized projects through architectural drawings, competition documents, and archival research. Using architectural research methods, representation tools, and comparative analysis, the seminar will culminate in a curated exhibition that presents an “fictional urban biography” of what might have been, revealing alternative trajectories and unrealized futures embedded within the city's history.

Submission/Exam: presentation and models till 30.09.2026

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

Focus of study: Architectural and Cultural Heritage

V

History of Cultural Landscapes: History of Architecture/Urban Planning: The City in the Forest. The Waldstadt Settlement Project in Karlsruhe and Karl Selg's Concept of Geo Urbanism

Seminar (S)
On-Site1741387, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Content

The identity of the city of Karlsruhe has, since its founding, been inextricably linked both to its location in the Hardtwald and to the partially clearing of that forest. It was this historical and topographical peculiarity that Karl Selg took up in the 1950s, when he developed a new peripheral housing estate in the eastern part of Karlsruhe. His aim was to create urgently needed new and affordable housing in the post-war period. The project is closely connected with new concepts of context- and nature-sensitive urbanism, as well as with Selg's own concept of "geo-urbanics."

In the seminar, this project and its underlying ideas will be discussed, analysed, and critically communicated on the basis of an extensive archival corpus held at the saai. We will examine original drawings and manuscripts by Karl Selg and seek to situate the project within the broader framework of post-war urbanism. This is also intended as an experimental response to the question of whether, and how, city and forest can be conceived together.

Submission/Exam: presentation and paper due 30.09.2026

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

Focus of study: Architectural and Cultural Heritage

V

Historical Building Research _ Free Student Research Project

Project (PRO)
On-Site1741390, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Content

Consciously designing the transformation of existing buildings in the context of preservation and renewal requires a fundamental knowledge of the existing structure, its condition, and history, as well as knowledge of the methodological approach within the various strategies for shaping the building stock. This requires a thorough survey, analysis, and evaluation of the existing building fabric. Using a freely chosen object, the current condition and possibilities for future usage configurations are analyzed on the basis of a building survey and exploration of archival materials, inventory plans, and the history of construction and alterations.

1st meeting: Wed 22.04.2026, 2 pm

Appointments by arrangement

Examination/submission: Analysis, drawings and presentation of a topic, multi-part term paper

Submission: 30.09.2026

Number of participants: 8 Master, 8 Art History

Focus of study: Architectural and Cultural Heritage

V

Digital Tools and Methods: History of Architecture/Urban Planning: DESIGN BY CATALOG: Ornamental Systems and Architectural Composition

Seminar (S)
On-Site1741391, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

Content

Every ornamental system is also a catalog — a collection of pieces with rules for how they connect, combine, and accumulate. From the classical orders to 19th century cast iron foundry publications, architects have always composed with reproducible parts, connection rules, and combinatorial potential.

The seminar is interested in historical and contemporary ornamental systems, from 19th century industrial terracotta and cast-iron catalogs, to parametric part libraries and computational ornament — decoding their underlying grammars and combinatorial logics. From that research, students will develop an original personal catalog of 3D-printed pieces: profiles, surface patterns, transitions, joints, and elements governed by a coherent internal system.

Submission/Exam: presentation and models due 30.09.2026

Number of participants: 5 BA, 5 MA, 5 Art History

Focus of study: Architectural and Cultural Heritage

V

Applied Historical Building Research _ Exercise: Summer School at Heilig Kreuztal Monastery**Excursion (EXK)
On-Site**1741394, SS 2026, 2 SWS, Language: German, [Open in study portal](#)**Content**

The expertise required to preserve the substance of listed buildings and develop them in a sustainable manner, balancing the conflicting demands of preservation and renewal, and to consciously shape this process, requires a methodical approach to building exploration and documentation, as well as various strategies for shaping the building stock. This requires a fundamental documentation, analysis, and evaluation of the existing building fabric. During the ten-day summer school, the “long building” of the monastery in Heilig Kreuztal will be examined using digital measurements of the building structure and damage mapping. The history of the building and its alterations will be researched using archival materials and existing plans, and further developed with usage configurations appropriate for listed buildings

Application not via Campus Plus. Application deadline: March 6, 2026, at the State Academy of Fine Arts Stuttgart.

<https://www.abk-stuttgart.de/news/summer-school-denkmalpflege-2026-im-kloster-heiligkreuztal/>

Mandatory excursion 19.-25.07.2026

Examination/submission: Analysis, drawings, and presentation of a topic

Open for Bachelor, Master and Art History

Focus of study: Architectural and Cultural Heritage

T

4.25 Module component: Impromptu Designs [T-ARCH-107346]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-103612 - Impromptu Designs

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	2

Courses					
WT 25/26	1700053	Stegreif nach freier Wahl		Project	von Both, Bru, Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Kaiser, Müller, Neppl, Schifferli
WT 25/26	1710113	Impromptu: (Inhabiting) Unplanned Plans (Frohn)		Project	Frohn, Mori
WT 25/26	1710210	Stegreif (Bru): (Un)building Workshop, Borderline Investigation #2		Project	Bru, Kunkel, Schneider, Amon, Brückner, Ingold
WT 25/26	1720505	Stegreif: Storchenturm Denzlingen (Mueller)	1 SWS	Project / 🎯	Müller
WT 25/26	1720652	Stegreif: Domino Zirkular - 1:1 Demonstrator	1 SWS	Project / 🎯	Kaiser, Büchle, Erlewein
WT 25/26	1720709	Stegreif Anamorphosen	1 SWS	Project / 🌀	von Both, Koch, Seiler-Cuesta
WT 25/26	1720756	Stegreif: Implementation planning of a node model for design in Interdisciplinary Design of Steel Structures	1 SWS	Project / 🎯	La Magna, Bechert, Andersson Largueche
WT 25/26	1720757	Stegreif: Construction of a node model for design in Interdisciplinary Design of Steel Structures	1 SWS	Project / 🎯	La Magna, Bechert, Andersson Largueche
WT 25/26	1720811	Stegreif (Dörstelmann)	1 SWS	Project / 🎯	Dörstelmann
WT 25/26	1720984	Design: Free Topic	1 SWS	Project / 📄	Wagner, Mino Rodriguez, Kaul, Mann, Alanis Oberbeck
WT 25/26	1731062	Visual Axes & Solar Potential – Spatial Analysis Using Augsburg’s 3D City Model		Project / 🌀	Neppl, Zeile
WT 25/26	1731166	Stegreif: City concepting		Project / 🎯	Engel, Kannen
WT 25/26	1731212	Stegreif: Memory and Imagination	2 SWS	Project / 🎯	Schifferli
ST 2026	1700053	Stegreif nach freier Wahl		Project / 🎯	Bru, Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Klinge, Kaiser, La Magna, Neppl, Schifferli, von Both
ST 2026	1710110	Impromptu Designs (Frohn): (Inhabiting) Unplanned Plans	1 SWS	Project / 📄	Frohn, Wasel
ST 2026	1710207	Impromptu Designs Borderline(s) Investigation #03 (Bru)	1 SWS	Project / 🎯	Kunkel, Bru, Brückner, Amon, Ingold
ST 2026	1710380	Stegreif: Negative Space	1 SWS	Project / 🎯	Craig, Mühlen

ST 2026	1710381	Stegreif : #Park Furniture: Dreaming with Trees	1 SWS	Project	Craig, Schelble
ST 2026	1720504	Impromptu Designs: Cycle in Circles - Ein Pavillon für die Gartenschau 2027 in Bad Urach	1 SWS	Project / 🎧	Müller, La Magna, Bessai, Süßmann, Huismans
ST 2026	1720559	Stegreif: wertschau	1 SWS	Project	Klinge, Schmidt, Weber
ST 2026	17207011	Stegreif Multidirectional object (von Both)	1 SWS	Practice / 🔄	von Both, Koch, Seiler-Cuesta
ST 2026	1720811	Stegreif (Dörstelmann)	1 SWS	Project / 🎧	Dörstelmann
ST 2026	1720981	Impromptu Design: Free Topic	1 SWS	Project / 📱	Wagner
ST 2026	1731166	Impromptus Urban Design Project (Engel) - City Concepting	1 SWS	Project / 🎧	Engel
ST 2026	1731266	Impromptus Urban Design Project: (Inderbitzin/Clauss): Course of the Marble	1 SWS	Project / 🎧	Nalbach

Legend: 📱 Online, 🔄 Blended (On-Site/Online), 🎧 On-Site, ✕ Cancelled

Assessment

Other examination requirements consisting of at least four impromptu design projects with a working on time period of respectively a maximum of two weeks. Working on the design tasks takes place individually respectively in groups of two (maximum number). Consultation and feedback appointments may be offered. The progress monitoring takes place during the study course within the framework of one presentation per impromptu design project. There the worked out results are presented and assessed in the form of drawings, models, texts or oral talks. The duration of the respective presentation is approx. 10 minutes. For the grade of the examination requirement the four impromptu design projects are graded as equal parts.

Prerequisites

none

Below you will find excerpts from courses related to this module component:



Stegreif nach freier Wahl

1700053, WS 25/26, SWS, Language: German/English, [Open in study portal](#)

Project (PRO)

Content

An independent impromptu design project can be completed at all design professorships. For this purpose the task should be prepared independently. If you are interested, please contact the corresponding professor.



Impromptu: (Inhabiting) Unplanned Plans (Frohn)

1710113, WS 25/26, SWS, Language: English, [Open in study portal](#)

Project (PRO)

Content

As part of the research project *Typologische Resilienz*, we are exploring the potential of converting vacant office buildings into residential spaces. Previously, suitable dwelling types were translated into machine-readable grammars, enabling the development of a software that can now generate various apartment layouts based on predefined rules regarding surfaces, accessibility, apartment types, and more. Within the *Inhabiting Unplanned Plans* Stegreif, we critically analyze and test the inhabitability of these computer-generated apartments. Can we refine the machine-generated floorplans into livable spaces? What are the limitations of the software, and where do we still need to intervene spatially? The outcome of this Stegreif will be a set of (overdesigned) floorplans that highlight both the potential and the limitations of software-generated layouts.

First Meeting: We, 07.01.2026, 11:30h

Regular meetings: We, 11:30h

Submission/Exam: Fr, 23.01.2026, ILIAS Hand-In

Number of Participants: 15

Language: English



Stegreif (Bru): (Un)building Workshop, Borderline Investigation #2

1710210, WS 25/26, SWS, [Open in study portal](#)

Project (PRO)

Content

This semester's Stegreif focuses on the deconstruction of the wooden pavilion located in the east courtyard of the architecture faculty building. The seminar will involve a detailed analysis and examination of all building components in order to determine which elements may be reused or upcycled. The act of dismantling will serve as a means of gaining a deeper understanding of construction processes, while simultaneously fostering an awareness of the material and cultural value inherent in everyday matters.

In conjunction with Seminar 1, "Pavilion," this work constitutes the initial phase in the transformation of the courtyard. The objective is to develop a comprehensive understanding of the context within which the future pavilion will be built. Envisioning the atmosphere of this new environment will serve both as a tool for anticipation and as an integral element of an ongoing design process.

Language of Instruction: German/English

First Meeting: TBD

Working Period: One week of (un)building workshop

Organizational issues

Thema und Termin siehe Aushang

**Stegreif: Storchenturm Denzlingen (Mueller)**

1720505, WS 25/26, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Repurposing and Transformation of a Church Tower

1st meeting: Wednesday, November 12

Final presentation: Thursday, November 27

**Stegreif: Domino Zirkular - 1:1 Demonstrator**

1720652, WS 25/26, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

The impromptu "1:1 demonstrator" refers to the "Domino Circular" research project.

As part of this project, a small team will be investigating and working on the design for a demonstrator with a building project in Stuttgart over the coming weeks.

The team will work in different groups on topics such as floor plan, façade and model construction.

The aim of the impromptu is to integrate the research content already acquired in previous semesters and to develop it further into a feasible design.

1st meeting / kick-off: 06.11.25

Submission: 03.12.25

Number of participants: 15

**Stegreif Anamorphosen**

1720709, WS 25/26, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
Blended (On-Site/Online)

Content

In Stegreif, we explore the principle of perspective anamorphosis - a design method in which spatial or flat elements are deliberately distorted so that they only appear "correct" from a defined viewpoint. Building on this, students develop their own conceptual approaches for innovative applications of anamorphic designs in architectural or urban planning contexts. The aim is to explore both the design and spatial-functional, social, and communicative dimensions of this approach and to make them visible in an impromptu presentation. The results will be presented in the form of sketches, digital visualizations, or even in a real installation in Building 20.40.

Appointment presentation task: Tuesday, 2025/11/04, 12:30 pm, BLM

Hand out Präsentation Result: Tuesday, 2025/12/02

**Stegreif: Implementation planning of a node model for design in Interdisciplinary Design of Steel Structures**

1720756, WS 25/26, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Only for students who are also enrolled in the seminar Interdisciplinary Design of Steel Structures.

V

Stegreif: Construction of a node model for design in Interdisciplinary Design of Steel Structures1720757, WS 25/26, 1 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)**
On-Site**Content**

Only for students who are also enrolled in the seminar Interdisciplinary Design of Steel Structures.

V

Stegreif (Dörstelmann)1720811, WS 25/26, 1 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)**
On-Site**Content**

Further information and dates can be found on the notice board outside Building 20.40 Room 132.

V

Design: Free Topic1720984, WS 25/26, 1 SWS, [Open in study portal](#)**Project (PRO)**
Online**Content**

Development of a sound idea for a task related to building technology and convincing presentation. Agreement about the topic at the institute.

Dates by arrangement.

V

Visual Axes & Solar Potential – Spatial Analysis Using Augsburg's 3D City Model1731062, WS 25/26, SWS, Language: German/English, [Open in study portal](#)**Project (PRO)**
Blended (On-Site/Online)**Content**

As part of a solar framework plan for the city of Augsburg, students will conduct visibility analyses of potential solar installations within the urban fabric. The aim is to evaluate the visual impact of solar infrastructure concerning urban design, heritage protection, and spatial quality. The analysis will be based on Augsburg's digital 3D city model, serving as the foundation for mapping and conceptual visibility studies.

First meeting: 28.10.2025, 13.15 Uhr, Geb. 11.40, R015

Submission/Presentation: 18.11.2025

Number of Participants: unlimited, Group of two.

Focus of study: Urban Design

V

Stegreif: City concepting1731166, WS 25/26, SWS, Language: German/English, [Open in study portal](#)**Project (PRO)**
On-Site**Content**

Developing concise ideas and clear concepts are fundamental to successful architecture and urban development design. The impromptu course will train and enhance the conceptual design work.

Issue Topic/Assignment: 12 Jan, 2026 R.013, bld. 11.40

Submission: 19 Jan, 2026, R 013, bld. 11.40

Presentation: 19 Jan, 2026, R 013, bld. 11.40

Form: Individual Work

Language: German/English

Focus of study: Urban Design

Number of Participants: unlimited

V

Stegreif: Memory and Imagination1731212, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)**Project (PRO)**
On-Site

Content

Students develop criteria for creating AI-generated images based on precisely formulated ideas. The starting point is an examination of the topological structure of memory: students draft an individual order of central and variable design criteria in writing and speech. From this, they derive a personal 'dogma' that serves as the basis for their image concepts. The aim is to open up new spaces for thinking that become larger and more magnificent.

First Meeting: We 05.11.2025, 2:00 Introduction (Building 11.40, Room 106)

Workshops: 19 November 2025/3 December 2025/3 December 2025, starting at 2 p.m. each day

Submission/presentation: 10.12.02.2025, 12:00 pm.

Type of assignment: Individual work

Number of Participants: 12

Language: German/English

Costs: Programme licence approx. €24.00

**Impromptu Designs (Frohn): (Inhabiting) Unplanned Plans**

1710110, SS 2026, 1 SWS, Language: English, [Open in study portal](#)

Project (PRO)
Online

Content

As part of the research project Typologische Resilienz, we are exploring the potential of converting vacant office buildings into residential spaces. Previously, suitable dwelling types were translated into machine-readable grammars, enabling the development of a software that can now generate various apartment layouts based on predefined rules regarding surfaces, accessibility, apartment types, and more. Within the Inhabiting Unplanned Plans Stegreif, we critically analyze and test the inhabitability of these computer-generated apartments. Can we refine the machine-generated floorplans into livable spaces? What are the limitations of the software, and where do we still need to intervene spatially? The outcome of this Stegreif will be a set of (overdesigned) floorplans that highlight both the potential and the limitations of software-generated layouts

First Meeting: Wednesday 29.07.2026

Submission/Exams: Friday 21.08.2026

**Impromptu Designs Borderline(s) Investigation #03 (Bru)**

1710207, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

This semester's Stegreif explores exhibition furniture as a spatial tool. The seminar invites students to imagine objects that anticipate change—structures that move, shift, and adapt as exhibitions evolve.

The focus is on designing everyday display elements that support the presentation of work and research. Tables, frames, surfaces, and supports become part of a flexible landscape for showing, arranging, and rethinking ideas.

Working within constraints—limited resources, given parameters, and pragmatic conditions—students are encouraged to treat boundaries as creative potentials. By projecting possible futures for these objects, the process aims to open new freedoms and generate conceptual approaches that are both inventive and resourceful.

Start: 22.04.2026, R113 Geb. 20.40

Submission: 06.05.2026

**Stegreif: Negative Space**

1710380, SS 2026, 1 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

Can you imagine a space composed equally of air and mass? In this exercise, the aim is to develop a model for a walk-in sculpture that is not composed of individual elements (walls/ceiling/floor) but appears to be cast from a single mold. We imagine a space created by hollowing out, pouring, or digging. In doing so, it is essential to focus on volume, material thickness, openings, and surface structure. We will focus on the sculptural character of space and its sensuality, with usability playing a subordinate role.

Materials: plaster, clay, cement, and papier-mâché.

Edition: Monday 27 April, 14:00 am, Building 20.40 Room 204 (drawing room)

Presentation: Monday 22 June, 14:00 am, Building 20.40 Room 204 (drawing room)

Number of participants unlimited

The event will be held in German.

**Stegreif : #Park Furniture: Dreaming with Trees**1710381, SS 2026, 1 SWS, Language: German, [Open in study portal](#)**Project (PRO)****Content**

The Inpromptu #Park Furniture: Dreaming with Trees deals with the design and construction of sculptural seating for outdoor areas. In addition to aesthetic appeal and creative design, the functionality of the objects plays an important role. The seating sculptures must meet the requirements of public spaces: they must be safe, stable and weatherproof. In terms of sustainable use of resources, materials such as waste wood, scrap metal and possibly bulky waste fragments can be considered. The resulting seating sculptures will be installed in public spaces and made available for use.

Edition: Tuesday 12.05.2026 13:00 Uhr , Building 20.40 Room 204 (drawing room)

Presentation: Tuesday 16.06.2026 10:00 Uhr, Meriske West, Rheinstetten

Number of participants unlimited

The event will be held in German.

**Impromptu Designs: Cycle in Circles - Ein Pavillon für die Gartenschau 2027 in Bad Urach**1720504, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)
On-Site****Content**

Constructive elaboration of the draft concept from the seminar "Cycle in Circles – Interdisciplinary Structural Development in Timber Construction."

1st meeting: April 23, 2026; 11:30 a.m.

Gbd. 10.50, HS 502

Submission/examination: to be announced

**Stegreif: wertschau**1720559, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)****Content**

The *wertschau* exhibition will be relocated to the foyer of the Faculty of Architecture and therefore needs to be supplemented with additional exhibits. We are looking for circular designs made from regionally sourced wood, which will be implemented as a real-world laboratory during the seminar week. The new objects should build on the existing exhibition, address the specific location and, as demountable and reusable circular constructions, shape the exhibition and promote interaction and exchange. The focus is on the question of how used material determines an independent architectural approach.

The quality of the design is reflected in its structural logic, the appropriateness of its joints and the conscious use of the available material.

First Meeting: As announced, April - May 2026

Submission/Presentation: As announced, May 2026

**Stegreif Multidirectional object (von Both)**17207011, SS 2026, 1 SWS, Language: English, [Open in study portal](#)**Practice (ü)
Blended (On-Site/Online)****Content**

In the "Stegreifentwurf `Multidirectional Object`, a furnishing object is to be designed that goes beyond a single function and serves as a spatial interface between body, space and technology. The object is to combine several directions of action – such as use as a piece of furniture, media or technical integration, as well as spatial or atmospheric effect – and be developed on the scale of the human body. What is required is not a gadget or a pure design object, but an architecturally effective piece of furniture that creates, structures or changes spatial situations. The context is freely selectable, but must be clearly defined. The aim is a precise, conceptually strong design that combines multidimensionality, openness to use and architectural attitude.xxx

First appointment: Tuesday, 05.05.2026, 10:00 am, Seminarroom BLM**Submission/Presentation:** Tuesday, 02.06.2026, 12:00 am, Seminarroom BLM**Exam:** Presentation, Examination of another Type**Stegreif (Dörstelmann)**1720811, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)
On-Site**

Content

Further information and dates can be found on the notice board outside Building 20.40 Room 132.

**Impromptu Design: Free Topic**

1720981, SS 2026, 1 SWS, [Open in study portal](#)

Project (PRO)
Online

Content

Development of a sound idea for a task related to building technology and convincing presentation. Agreement about the topic at the institute.

Dates by arrangement.

**Impromptus Urban Design Project (Engel) - City Concepting**

1731166, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

The Theme is to be announced on the Homepage.

Issue: June 22, 2026 bldg. 11.40, R013

Submission: June 29, 2026

Presentation: June 29, 2026

Mode of processing: Single work

Number of participants: unlimited

Focus of study: Urban Design

**Impromptus Urban Design Project: (Inderbitzin/Clauss): Course of the Marble**

1731266, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

The marble rolls, the eyes follow. The ball rolls from curve to curve along complex and winding paths. Each movement produces a different sound. Sometimes muffled, sometimes bright. The marble steadily seeks its way through metal, paper, or wooden tracks. The individual sections of the track are strung together to create an expressive demonstration of gravity. The chain of sound, speed, and construction ends with a click. A new descent begins.

Intro: 24.6.2026, 5:00 pm, at the Professorship Stadt und Wohnen

Final Crit: 8.7.2026, 4-6:00 pm, at the Professorship Stadt und Wohnen

Number of participants: unlimited

T

4.26 Module component: Independent Student Research Project [T-ARCH-107382]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103639 - Research Fields](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1720807	Digital Design and Fabrication with Reclaimed Timber (Dörstelmann)	4 SWS	Seminar / 🗣️	Dörstelmann, Zanetti, Fischer
WT 25/26	1720980	Independent Student Research Project	0.5 SWS	Others / 🗣️	Wagner, Mann, Mino Rodriguez, Alanis Oberbeck, Kaul
ST 2026	1700054	Independent Student Research Project	1 SWS	Project / 🔄	Bru, Dörstelmann, Engel, Frohn, Hansmann, Hartmann, Hebel, Inderbitzin, Jehle, Kaiser, Klinge, La Magna, Medina Warmburg, Neppl, Rambow, Schifferli, Wagner, von Both
ST 2026	1720809	Freie Studienarbeit: Designing Robotic Workflows for Circular Construction in Ghana	1 SWS	Seminar / 🗣️	Dörstelmann
ST 2026	1720980	Independent Student Research Project: Building Physics or Technical Building Services	0.5 SWS	Project / 🗣️	Wagner, Mino Rodriguez, Mann, Kaul, Alanis Oberbeck

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

Assessment

Other examination requirements consisting of a specific research-oriented assignment undertaken. The topic must, at the very beginning of starting work on it, be coordinated and approved by the supervising area or discipline, stating clearly the scope, time frame and qualitative criteria being applied. The requirement is worked on in the form of scientific texts with explanatory graphics; a presentation is also possible.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Digital Design and Fabrication with Reclaimed Timber (Dörstelmann)

1720807, WS 25/26, 4 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

The seminar 'Digital Design and Fabrication with Reclaimed Timber' provides insights into digital design and automated robotic fabrication processes using reclaimed timber from various sources.

With the help of computer-aided models and the application of modern technology, residual timber is (re)used to enable circular and resource-efficient architecture.

During the seminar, students work both on the digital design model and hands-on with the material wood, gaining insights into automated robotic fabrication.

The seminar aims to design large-scale load-bearing frame components to be prototyped at 1:1 scale.

01.10.25 - 13.03.2026

Number of Participants: 12

Submission/exam: 13.03.2026

Place: DDF_Lab, Hardeckstraße 2a

A proficient command of Rhino3D and Grasshopper is required.

**Independent Student Research Project**

1720980, WS 25/26, 0.5 SWS, Language: German/English, [Open in study portal](#)

**Others (sonst.)
On-Site**

Content

Independent study on a topic in building physics or technical building services. Topic, objectives, suitable tools and a work plan will be discussed and fixed during the first meeting (also see module handbook).

First meeting: by arrangement 20.40 R 235

Examination: by arrangement

**Independent Student Research Project**

1700054, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
Blended (On-Site/Online)**

Content

Independent Student Research Project can be completed at any professorship. If you are interested, please contact the respective professor.

**Freie Studienarbeit: Designing Robotic Workflows for Circular Construction in Ghana**

1720809, SS 2026, 1 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

This Freie Studienarbeit contributes to the ongoing RENABUMA research project series, which develops circular construction systems based on natural materials and digitally supported fabrication for application in Ghana. Students will help design and prototype prefabricated modular building elements using an industrial robotic arm, translating material logics into parametric models and robotic fabrication workflows. The focus lies on developing robust, adaptable construction techniques that can be transferred from the robotic lab to real-world implementation. The goal is to bridge digital fabrication, material research, and on-site construction through the development of scalable, locally applicable building technologies. .

First Meeting: by prior arrangement

Submission/Exam: by prior arrangement

**Independent Student Research Project: Building Physics or Technical Building Services**

1720980, SS 2026, 0.5 SWS, Language: German, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

Independent study on a topic in building physics or technical building services. Topic, objectives, suitable tools and a work plan will be discussed and fixed during the first meeting (also see module handbook).

Dates by arrangement

Organizational issues

nach Vereinbarung

T

4.27 Module component: Indoor Lighting Technology and Concepts [T-ARCH-111337]

Coordinators: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105680 - Special Topics of Building Physics](#)

Type	Credits	Grading	Term offered	Version
Oral examination	2 CP	graded	Each winter term	1

Assessment

Oral exam of 25 minutes on the contents of the course.

Prerequisites

none

Workload



60 hours




T

4.28 Module component: Integral Planning [T-ARCH-107359]

Coordinators: Prof. Dr.-Ing. Petra von Both
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103617 - Integral Planning](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each winter term	1

Courses					
WT 25/26	1720703	Integral Planning: Method-based Design	4 SWS	Lecture / Practice / 	von Both
ST 2026	1720703	Integral Planning - Method-based Design (von Both)	4 SWS	Lecture / Practice / 	von Both

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

Assessment

The main focus of the other examination requirement is drawing up a written/planning-focused composition encompassing approx. 10 pages. In addition, a 15-minute presentation and discussion of the results.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Integral Planning: Method-based Design

1720703, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)

Lecture / Practice (VÜ)
On-Site

Content

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

Regular Appointments: Tuesdays 09:45 am -11:15 am/1:00 pm, mixed presence/ online

First appointment: Tuesday, 2025/10/28, 9:45 am

Examination Date: Tuesday, 2026/03/03

Organizational issues

Master

V

Integral Planning - Method-based Design (von Both)

1720703, SS 2026, 4 SWS, Language: German, [Open in study portal](#)

Lecture / Practice (VÜ)
On-Site

Content

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

First Meeting: Tuesday, 21.04.2026, 9:45 a.m, Seminar Room BLM

Appointments: Tuesdays, 09:45 am - 1:00 p.m, Presence

Submission/Exam: Tuesday, 11.08.2026, 09.45 a.m


Number of Participants: 12





T

4.29 Module component: Interdisciplinary Design of Steel Structures [T-ARCH-113852]

Coordinators: Prof. Dr.-Ing. Riccardo La Magna
Organisation: KIT Department of Architecture
Part of: [M-ARCH-106915 - Interdisciplinary Design of Steel Structures](#)

Type	Credits	Grading	Term offered	Expansion	Version
Examination of another type	4 CP	graded	Each summer term	1 semesters	1

Courses					
WT 25/26	1720755	Interdisciplinary Design of Steel Structures: Design and Construction of a Footbridge	2 SWS	Seminar / 	La Magna, Ummenhofer, Andersson Largueche

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

Assessment

Examination of another kind consisting of a structural design:

- Drawing and description of the building,
- plans with documentation,
- two intermediate presentations and final presentation, each approx. 15 min.

Below you will find excerpts from courses related to this module component:

V

Interdisciplinary Design of Steel Structures: Design and Construction of a Footbridge Seminar (S) On-Site

1720755, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Content

The design of a pedestrian bridge usually involves close collaboration between architects and civil engineers. Such a task awaits you in this interdisciplinary seminar:

In the course "Design and Construction", the design of a pedestrian bridge is developed in collaboration with civil engineering students. The designs are developed in mixed groups. The aim of this course is to train students from both disciplines on an interdisciplinary spectrum. This should not only impart an understanding of statics, structural design and detail planning, but also train interdisciplinary communication skills.

The course can be credited as the compulsory Master's module "Building & Structure" and thus serves as an alternative compulsory module.

The course can also be supplemented by a Design Build module with 2 SWS.

1st meeting: Tue. 28.10.2025

Regular date: Tue. 11:30 a.m. - 13:00 p.m. (room will be announced)

Submission/exam: Tue. 03.03.2026, 11:30 a.m. (could be postponed)

Number of participants: 12 + 2

T




4.30 Module component: Interdisciplinary Design of Timber Structures [T-ARCH-112497]





Coordinators: Prof. Dr.-Ing. Philipp Dietsch
Prof. Dr.-Ing. Riccardo La Magna

Organisation: KIT Department of Architecture

Part of: [M-ARCH-106126 - Interdisciplinary Design of Timber Structures](#)

Type	Credits	Grading	Term offered	Expansion	Version
Examination of another type	4 CP	graded	Each summer term	1 semesters	1

Courses					
WT 25/26	6213904	Timber Structures: Materials and Appropriate Design	4 SWS	Lecture / Practice / 	Sandhaas, Frese, La Magna, Bechert, Paul, Bertram, Sickinger
ST 2026	1720755	Interdisciplinary Design of Timber Structures: Cycle in Circles	4 SWS	Seminar / 	La Magna, Dietsch, Müller, Müller, Aurand, Frohnhöfer
ST 2026	6213803	Interdisciplinary Structural Development in Timber Construction	4 SWS	Lecture / Practice / 	Dietsch, La Magna

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

Assessment

Examination of another kind consisting of a structural design:

- Drawing and description of the building,
- plans with documentation,
- two intermediate presentations and final presentation, each approx. 15 min.

Below you will find excerpts from courses related to this module component:

V

Timber Structures: Materials and Appropriate Design

6213904, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)

Lecture / Practice (VÜ)
On-Site

Content

The interdisciplinary seminar "Timber Structures: Materials and Appropriate Design" covers the building material wood, the derived construction products, and their appropriate application. It addresses issues in timber construction and their backgrounds (hygroscopicity, anisotropy, heterogeneity, biological properties) and derives methods for developing robust and reliable timber construction details in practice.

Furthermore, it discusses typical load-bearing structures in timber construction, their load-bearing mechanisms, the necessary construction and connection elements, and their advantages and disadvantages. This includes examining various damage scenarios and their causes to prevent such damage in the future and to design durable constructions.

At the end of the semester, the theoretical foundations are applied in a series of practical workshops. The aim is to learn how to use hand tools such as saws, planes, chisels, and others, and to produce traditional carpentry joints.

This seminar serves in addition as preparation for the interdisciplinary design seminar "Interdisciplinary Structural Development in Timber Construction," which is offered in the summer semester.

1st meeting: Fri. 31.10.2025; 2:00 p.m.

Rule date: Fri. 2:00 p.m. – 5:15 p.m.

Delivery/Examination: after announcement

Number of participants: 12 + 2

Organizational issues

Diese Veranstaltung ist auch für Studierende der Architektur am KIT offen. Die Inhalte der mündlichen Prüfung werden für diese angepasst (= 4 ECTS).

**Interdisciplinary Design of Timber Structures: Cycle in Circles**1720755, SS 2026, 4 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

In the interdisciplinary seminar “Cycle in Circles”, a pavilion for the Gartenschau Bad Urach 2027 is being designed in collaboration with the BuE and dos professorships and structural engineering students.

The focus thereby is on a sustainable design concept that incorporates reversible construction techniques and changing use cases. During the garden show, the pavilion will serve as a café and subsequently as a rest stop for cyclists. The construction places particular emphasis on the reuse of reclaimed timber. One of the designs, or a combination of ideas, is to be realised in 2027.

The aim of this course is to train students in groups consisting of both disciplines across an interdisciplinary spectrum. In addition to developing an understanding of structural analysis, structural design and timber construction, the course also strengthens interdisciplinary communication skills.

The course can be credited as a compulsory Master’s module entitled “Building and Structure”. Two additional Stegreif points can be earned in conjunction with this course.

First Meeting: 23.04.2026; 11:30 am

Bldg. 10.50, HS 502

Regular meeting: Thursday 11:30 am – 01:00 pm

Submission/Exam: to be announced

Number of Participants: 12

Focus of study: Building Technology

**Interdisciplinary Structural Development in Timber Construction**6213803, SS 2026, 4 SWS, Language: German/English, [Open in study portal](#)**Lecture / Practice (VÜ)
On-Site****Content****From concept to detail - interdisciplinary structural development in timber construction**

This event is aimed at students of architecture and civil engineering with the aim of promoting dialogue and integrative work in the closely linked disciplines through personal experience.

In an iterative process, equal teams from both facilities develop a structural timber building of simple and clear use from the concept to the detail. In doing so, they contribute extensive prior knowledge and backgrounds, represent them constructively in the project and are responsible for the subject-specific parts of the final project documentation.

With the support of the House of Competence HoC, there should also be room for getting to know the different technical languages, working methods and cultures in addition to project work.

Start Tuesday 22.04.2025, 3:45 pm - 5:15 pm, Bldg.10.50 room 502 Campus Süd chair library timber construction

Appointment weekly

Interdisciplinary group work, examination

Condition for participation:

Condition for participation:

Recommodation is the successful completion of the seminar on building materials and material-specific constructions in timber construction

Organizational issues

Geb. 10.50, Raum 502

T

4.31 Module component: International Urban Design [T-ARCH-107376]

Coordinators: Prof. Dr.-Ing. Barbara Engel
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103634 - International Urban Design](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each summer term	1

Courses					
WT 25/26	1731171	International Urban Design: Metropol.X – Tallinn	2 SWS	Seminar / 🗣️	Engel, Lev, Kannen

Legend: 📺 Online, 🔄 Blended (On-Site/Online), 🗣️ On-Site, ✖ Canceled

Assessment

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

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

International Urban Design: Metropol.X – Tallinn

1731171, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Located on the Baltic Sea coast Tallinn is Estonia's capital and with around 440,000 inhabitants most populous city of the country. The old town, which has been a UNESCO World Heritage Site since 1997, stands for an extremely eventful city and national history. Whereas early growth was driven by industrialization and defense, Tallinn is now considered a startup hub and one of the ten most digital cities in Europe. In this seminar, various aspects of urban development, such as open spaces and buildings, but also sociodemographics and cultural characteristics, will be mapped, critically analyzed, and visualized. As a result, an atlas of Tallinn's contemporary urban landscape will be created and published.

Appointment: Tue, 11:30-13:00 h, 11.40 R013

First Meeting: Tue Oct. 28.,2025

Pin-up: Tue Dec. 9, 2025

Final Presentation: Tue Feb. 10, 2026

Submission: Tue Mrch.10.,2026

Number of Participants: 12 BA/12 MA

Groupwork: Teams of two

Language: English

T

4.32 Module component: Landscape Typologies [T-ARCH-107379]

Coordinators: Prof. Maurus Schifferli
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103637 - Landscape Typologies](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each summer term	1

Courses					
ST 2026	1731215	Landscape Typologies: Great Gardens II	2 SWS	Seminar / 🗣️	Schifferli, Zuber, Wasik

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

Assessment

Other examination requirements consisting of a written paper (15 pages) and an oral presentation (15 min.). The progress monitoring occurs during the study period within the framework of two intermediate and one final presentation in addition to a two-time text correction.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Landscape Typologies: Great Gardens II

1731215, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Inspired by the quest for truth and meaning—a Degli eroici furori of gardens—a collection of gardens from around the world emerges, offering not merely a geographical inventory but a mnemonic approach to agri cultura as a medium of thought. This compilation is more than a collection of gardens: it is a cartography of thinking, a topological structure of memory that brings order to the diversity of meanings. Gardens are captured not only as physical spaces but as symbolic places where philosophical, ethnological, social, and aesthetic concepts converge.

Gardens are chronicles of their time. They reflect contemporary worldviews, humanity's relationship with nature, and prevailing notions of beauty and order. Each garden is an idea translated into landscape, a fusion of the factual and the imaginary. The collaboratively developed and ever-expanding collection makes these relationships visible—linking botanical reality with cultural interpretation and offering a new perspective on the diverse forms, cultural contexts, and historical periods of our planet.

First meeting: 22.4.2026, 2:00 p.m. (Introduction: Building 11.40, Room 126)

Interim reviews: 06.05.2026/20.05.2026/10.06.2026/24.06.2026/08.07.2026/20.08.2026, each from 2:00 p.m.

22.07.2026/14.08.2026, each from 1:00 p.m.

Submission / Presentation: 21.08.2026, from 11:00 a.m.

Format: Individual work


Number of participants: max. 12 (Master)





T

4.33 Module component: Lecture Series 1 [T-ARCH-111335]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105676 - Lecture Series](#)

Type	Credits	Grading	Term offered	Version
Coursework	2 CP	pass/fail	Each term	1

Courses					
WT 25/26	1700002	EKUT Lecture Series: Ten Things We Want You to Know	2 SWS	Lecture / 	Hartmann, Craig, Rambow, Frohn, Meister, Bru
WT 25/26	1700004	Lecture Series IESL - Ideas and Theories about the City. Books on Urban Planning "Classics and Newcomers"	2 SWS	Lecture / 	Engel, Inderbitzin, Neppl, Schifferli
ST 2026	1710409	Lecture Series Architectural Theory: Terms of Engagement	2 SWS	Lecture / 	Hansmann

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

Prerequisites

none

Workload

60 hours

Below you will find excerpts from courses related to this module component:

V

EKUT Lecture Series: Ten Things We Want You to Know

1700002, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

**Lecture (V)
On-Site**

Content

The EKUT wants you to know ten things: ten buildings, spaces, books, or people. They will be presented from each speaker's disciplinary and personal perspective - one by one - alongside methods and approaches to analyze, discuss, understand, and question them with you in this year's EKUT lecture series. Each lecture will focus on one of these „things“ and discuss the questions that define our institute: what does the „thing“ want, and what does it want to change? In which context did it arise, succeed, or fail? What is being shown or said, what remains hidden or silenced? How are ideas translated into spaces, details, surfaces or words? Dedicating one full lecture to one „thing“ will allow us to zoom out and zoom in, weave threads together and untangle complex constructs, establish several perspectives, and to engage with you in discussion. Most of the lectures will take place in the lecture hall, but some will be site visits in Karlsruhe, all governed by an idea of how to best engage with what is at stake. We are looking forward to showing you ten things we seriously want you to know, because we are convinced of their relevance, urgency, and usefulness.

A schedule of speakers, "things" and places will be published at the beginning of the semester.

Successful participation will be tested in the form of questions that must be formulated at the end of each lecture. Attendance of at least eight lectures is mandatory.

All lectures will be presented in English language.

V

Lecture Series IESL - Ideas and Theories about the City. Books on Urban Planning "Classics and Newcomers"

1700004, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

**Lecture (V)
On-Site**

Content

Urban development ideas, plans and developments have always been the subject of social, political and professional debate.

Renowned authors have published their theories and reflections on the city. They have produced essays, manifestos and polemics such as *Delirious New York* by Rem Koolhaas, *The Architecture of the City* by Aldo Rossi, *Learning from Las Vegas* by Robert Venturi and many more. What significance do these publications have for today's debate on the city?

As part of the lecture series, books on the history of ideas of the city, which are now considered "classics" or "newcomers" in specialist literature, will be presented and reflected on against the background of current discourses.

Appointment: Tue, 2:00-3:30 pm, Bldg. 20.40, Egon-Eiermann-Hörsaal

Dates: 28.10.25, 04.11.25, 11.11.25, 18.11.25, 25.11.25, 02.12.25, 09.12.25, 16.12.25, 13.01.26, 20.01.26

Oral exams: 27.01. and 03.02.2026

Focus of study: Urban Design

V

Lecture Series Architectural Theory: Terms of Engagement

1710409, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

**Lecture (V)
On-Site****Content**

In the lecture series we will work toward currently relevant key concepts of architectural theory and history. Each lecture will present, examine and scrutinize one term. By drawing on the knowledge of previous lectures, annotating and expanding it, over the years we will build up a dynamic network of terms that challenge us to engage.

Architectural and Cultural Heritage

Tue 15.45-17.15 / 21.4. introduction

Thu 16.07. 17.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF




T





4.34 Module component: Lecture Series 2 [T-ARCH-111336]

Organisation: KIT Department of Architecture

Part of: M-ARCH-105676 - Lecture Series

Type	Credits	Grading	Term offered	Version
Coursework	2 CP	pass/fail	Each term	1

Courses					
WT 25/26	1700002	EKUT Lecture Series: Ten Things We Want You to Know	2 SWS	Lecture / 	Hartmann, Craig, Rambow, Frohn, Meister, Bru
WT 25/26	1700004	Lecture Series IESL - Ideas and Theories about the City. Books on Urban Planning "Classics and Newcomers"	2 SWS	Lecture / 	Engel, Inderbitzin, Neppi, Schifferli
ST 2026	1710409	Lecture Series Architectural Theory: Terms of Engagement	2 SWS	Lecture / 	Hansmann

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

Prerequisites

none

Workload

60 hours

Below you will find excerpts from courses related to this module component:

V

EKUT Lecture Series: Ten Things We Want You to Know

1700002, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

Lecture (V)
On-Site

Content

The EKUT wants you to know ten things: ten buildings, spaces, books, or people. They will be presented from each speaker's disciplinary and personal perspective - one by one - alongside methods and approaches to analyze, discuss, understand, and question them with you in this year's EKUT lecture series. Each lecture will focus on one of these „things“ and discuss the questions that define our institute: what does the „thing“ want, and what does it want to change? In which context did it arise, succeed, or fail? What is being shown or said, what remains hidden or silenced? How are ideas translated into spaces, details, surfaces or words? Dedicating one full lecture to one „thing“ will allow us to zoom out and zoom in, weave threads together and untangle complex constructs, establish several perspectives, and to engage with you in discussion. Most of the lectures will take place in the lecture hall, but some will be site visits in Karlsruhe, all governed by an idea of how to best engage with what is at stake. We are looking forward to showing you ten things we seriously want you to know, because we are convinced of their relevance, urgency, and usefulness.

A schedule of speakers, "things" and places will be published at the beginning of the semester.

Successful participation will be tested in the form of questions that must be formulated at the end of each lecture. Attendance of at least eight lectures is mandatory.

All lectures will be presented in English language.

V

Lecture Series IESL - Ideas and Theories about the City. Books on Urban Planning "Classics and Newcomers"

1700004, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Lecture (V)
On-Site

Content

Urban development ideas, plans and developments have always been the subject of social, political and professional debate.

Renowned authors have published their theories and reflections on the city. They have produced essays, manifestos and polemics such as *Delirious New York* by Rem Koolhaas, *The Architecture of the City* by Aldo Rossi, *Learning from Las Vegas* by Robert Venturi and many more. What significance do these publications have for today's debate on the city?

As part of the lecture series, books on the history of ideas of the city, which are now considered "classics" or "newcomers" in specialist literature, will be presented and reflected on against the background of current discourses.

Appointment: Tue, 2:00-3:30 pm, Bldg. 20.40, Egon-Eiermann-Hörsaal

Dates: 28.10.25, 04.11.25, 11.11.25, 18.11.25, 25.11.25, 02.12.25, 09.12.25, 16.12.25, 13.01.26, 20.01.26

Oral exams: 27.01. and 03.02.2026

Focus of study: Urban Design

V**Lecture Series Architectural Theory: Terms of Engagement**

1710409, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

**Lecture (V)
On-Site****Content**

In the lecture series we will work toward currently relevant key concepts of architectural theory and history. Each lecture will present, examine and scrutinize one term. By drawing on the knowledge of previous lectures, annotating and expanding it, over the years we will build up a dynamic network of terms that challenge us to engage.

Architectural and Cultural Heritage

Tue 15.45-17.15 / 21.4. introduction

Thu 16.07. 17.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

T

4.35 Module component: Master's Thesis [T-ARCH-111362]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105693 - Master's Thesis](#)

Type	Credits	Grading	Term offered	Version
Final Thesis	30 CP	graded	Each term	3

Courses					
WT 25/26	1700055	Master's Thesis		Project	von Both, Bru, Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Kaiser, Müller, Neppl, Schifferli

Assessment

The Master's thesis is an architectural design project with an accompanying scientific paper. The progress monitoring takes place within the framework of a presentation. There the worked out results in the form of drawings, models, texts and oral talks are presented and assessed. The duration of the presentation is approx. 30 minutes per person.

Prerequisites

Passed module exams that encompass 86 credit points. It is highly recommended that one has collected all of the points (90 CP) by the start of working on the thesis respectively that only the key skills qualifications be worked on parallel to writing one's Master's thesis.

Final Thesis

This module component represents a final thesis. The following periods have been supplied:

Submission deadline	6 months
Maximum extension period	3 months
Correction period	8 weeks

Below you will find excerpts from courses related to this module component:

V

Master's Thesis

1700055, WS 25/26, SWS, Language: German/English, [Open in study portal](#)

Project (PRO)**Content**

At the center of the Master's thesis is the architectural design, which is complemented by a scientific elaboration. The design part must make up at least half of the total work, but may also include a higher share in consultation with the primary supervisor. Work without an architectural design part is not permitted. As the first supervisors of the work therefore only the leaders of the design subject areas at the Faculty of Architecture come into question.

Organizational issues

Bearbeitung nach Absprache und Terminplan

T


4.36 Module component: Methods, Strategies and Mechanisms of Urban Design [T-ARCH-107411]





Coordinators: Prof. Dr.-Ing. Barbara Engel

Organisation: KIT Department of Architecture

Part of: [M-ARCH-103670 - Methods, Strategies and Mechanisms of Urban Design](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each winter term	1

Courses					
WT 25/26	1731173	Methods, Strategies and Mechanisms of Urban Design: City in Focus. Interdisciplinary Planning and Designing	2 SWS	Seminar / 	Engel, Neppl, Böcherer

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

Assessment

Other examination requirements consisting of an oral presentation lasting approx. 20 minutes as well as a written paper on it that encompasses a maximum of 20 pages or a research task or a concept whose type and scope depends on the respective task being assigned.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Methods, Strategies and Mechanisms of Urban Design: City in Focus. Interdisciplinary Planning and Designing Seminar (S) On-Site

1731173, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

Content

Climate Change, demographic change, the integration of immigrant people, changed forms of mobility, destruction of buildings by war and the threat to natural livelihoods as well as increasing digitalization are some of current forces that change cities and the requirements for urban planning. In the seminar, an understanding of the interrelationships of design, technical, economic, ecological and social issues in urban development and as well as the aspects of sustainability and resilience, will be explored in lecture modules and discussed in individual reports and reflection rounds. The seminar is operated in cooperation with our partner universities from Odessa, Lviv, Kharkiv and Kyiv.

Appointment: Mon 3:45 - 5:45 pm, R 013, bld. 11.40

First Meeting: Mon Oct. 27., 2025, 3.45 pm

Submission/Exam: Mrch.09, 2026

Number of Participants: 12

Form: teams of 2-3


Focus of study: Urban Design





T

4.37 Module component: Office Hospitation [T-ARCH-109969]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

Type	Credits	Grading	Term offered	Version
Coursework	2 CP	pass/fail	Each term	1

Courses				
ST 2026	1700049	Office Hospitation		/ 

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

Workload

30 hours

Below you will find excerpts from courses related to this module component:

V

Office Hospitation

1700049, SS 2026, SWS, Language: German, [Open in study portal](#)

On-Site**Content**

Approx. 1-week internship at municipal, state and/or federal building authorities (partly as a block, partly individual days).

Appointment: individually by arrangement.

Introductory event: Beginning of May, date to be announced


Duration: approx. 60 hours 2LP





T

4.38 Module component: Participation Doctoral Colloquium [T-ARCH-112875]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103639 - Research Fields](#)

Type	Credits	Grading	Version
Coursework	0 CP	pass/fail	1

Courses					
ST 2026	1700055	Doctoral Colloquium	0 SWS	Colloquium / 	Wagner

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

Assessment

The coursework consists of the one-time participation in the one-day doctoral colloquium of the KIT Department of Architecture.

Below you will find excerpts from courses related to this module component:

V

Doctoral Colloquium

1700055, SS 2026, 0 SWS, Language: German, [Open in study portal](#)

Colloquium (KOL)
On-Site

Content

Participation is compulsory as part of the Master's thesis preparation. Registration for the course is required. Attendance will be confirmed after the event.

Short presentations on current doctoral theses of the faculty

Wednesday 06.05.2026 14:00-17:30

T

4.39 Module component: Performance Analysis for Buildings [T-ARCH-107362]

Coordinators: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103620 - Performance Analysis for Buildings](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each winter term	1

Courses					
WT 25/26	1720972	Performance Analysis for Buildings	2 SWS	Seminar / 🗣️	Wagner, Mino Rodriguez

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

Assessment

Other examination requirements consisting of two to three presentations and the discussion thereof on partial tasks of the seminar lasting altogether 45 minutes. The tasks build up on one another; therefore, the order sequence of the presentations is binding.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Performance Analysis for Buildings

1720972, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In this seminar, students will learn how to turn climate and energy data into design insight with Ladybug and Honeybee—powerful tools integrated design. The programs address advanced climate analysis and thermodynamic modelling through EnergyPlus. Together with Grasshopper and Rhino, these tools enable a fast, visual, and iterative workflow for making confident design decisions from the earliest project stages. Through theory and hands-on exercises, passive design strategies as well as assessment of energy demand and thermal comfort will be trained by working on a real case study that connects concepts to practice. This seminar also directly connects to the seminar „REALITYCHECK" by the professorship of 'Architectural Space and Design' (Wed, 11:30-13); participation in both seminars is recommended.

Appointment: Tue, 03:45 PM - 05:15 PM 20.40, Architektur, R240

First meeting: Tue, 28.10.2025, 04:45 PM



Submission/Exam: 10.02.2026




T

4.40 Module component: Photogrammetry for Architects [T-BGU-108204]

Coordinators: Dr.-Ing. Thomas Vögtle
Organisation: KIT Department of Civil Engineering, Geo and Environmental Sciences
Part of: [M-BGU-104001 - Photogrammetry for Architects](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each term	1

Courses					
WT 25/26	6072204	Photogrammetry in Architecture	3 SWS	Lecture / Practice / 	Weidner
ST 2026	6072204	Photogrammetry of Architecture	4 SWS	Lecture / Practice / 	Weidner

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

Below you will find excerpts from courses related to this module component:

V

Photogrammetry in Architecture

6072204, WS 25/26, 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, Schwiddefsky HS / SKY

Organizational issues

1. Hälfte der Vorlesungszeit

V

Photogrammetry of Architecture

6072204, SS 2026, 4 SWS, Language: German, [Open in study portal](#)

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

Content

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

Appointment: Fr, 09:45-13:00

1st meeting: Fri, 25.04.2025



Number of participants: 10 Master,10 Bachelor





T

4.41 Module component: Planning and Building with Light [T-ARCH-107363]

Coordinators: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103621 - Planning and Building with Light](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each summer term	1

Courses					
WT 25/26	1720974	Lighting Technologies and Concepts for Spaces	2 SWS	Seminar / 	Wagner, Alanis Oberbeck
ST 2026	1720974	Planning and Building with Light	2 SWS	Seminar / 	Wagner, Alanis Oberbeck

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

Assessment

Other examination requirements consisting of two to three presentations and the discussion thereof on partial tasks of the seminar lasting altogether 45 minutes. The tasks build up on one another; therefore, the order sequence of the presentations is binding.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Lighting Technologies and Concepts for Spaces

1720974, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
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: Mo 11:30 AM - 15:30 PM, fortnightly Grüne Grotte

First meeting: Mo. 27.10.2025 11:30 AM

Examination: 02.03.2026

Number of Participants: 16

V

Planning and Building with Light

1720974, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

The students are introduced into different planning tools for lighting design. Besides fundamentals of modelling for lighting simulations and techniques for measuring light, simulation programs for evaluation of daylighting and artificial lighting situations in interior spaces are addressed and applied in the seminar. Depending on the projects, physical models are built and investigated, e.g. in an artificial sky. Thematic focuses as daylight usage, visual comfort and interrelations of light with other indoor climate parameters are investigated in the seminar and discussed on the basis of simulations and/or measurements performed on individual design projects or models. For qualification targets see module handbook.

Appointment: Mo 11:30 AM - 15:30 PM, fortnightly Grüne Grotte

First meeting: Mon. 20.04.2026 11:30 AM

Submission/Exam: 01.06.2026 & 20.07.2026

Number of Participants: 16

T

4.42 Module component: Planning and Constructing [T-ARCH-108456]

Coordinators: Prof. Dennis Müller
Organisation: KIT Department of Architecture
Part of: [M-ARCH-104076 - Planning and Constructing](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each term	1

Courses					
WT 25/26	1720506	Planning and Constructing: ZWISCHEN RAUM STRUKTUR	4 SWS	Seminar / 🗣️	Müller, Huismans, Sadi, Schmeuß
ST 2026	1720506	Transformation of Storchenturm Denzlingen - Transformation of a former church and revitalization of the old village center in Denzlingen	4 SWS	Seminar / 🗣️	Müller, Busse, Sadi, Schmeuß, Alves Rocha
ST 2026	1720557	Planning and Constructing: BAUWENDE RINGVORLESUNG	2 SWS	Lecture / 🗣️	Klinge, Dingeldein, Steiner
ST 2026	1720558	Planning and Constructing: SIRCULAR - CIRCULAR BUILDING WITH RECLAIMED TIMBER	2 SWS	Seminar / 🗣️	Klinge, Schmidt, Weber

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

Assessment

Other examination requirements that are each made up of seminar work assignments 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 courses related to this module component:

V

Planning and Constructing: ZWISCHEN RAUM STRUKTUR

1720506, WS 25/26, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In the seminar “Zwischen Raum Struktur,” we will explore key questions of architecture at a small scale and develop exemplary models for sustainable interventions in the urban environment.

In the first phase, we will select a location in Karlsruhe, which will then be analyzed in terms of spatial, functional, and social characteristics in order to identify its deficiencies and its potential. Based on this analysis, concepts for reversible interventions will be developed that build on these potentials and encourage active engagement. In the final phase, we will focus on the constructive implementation of these concepts, using resource-efficient building methods and reusable materials.

Regular date: Thursday morning

1st meeting: 30.10.2025, 10 am, R240, Building 20.40

Submission/presentation 1: 27.11.2025

Submission/presentation 2: 15.01.2026

Submission/presentation 3: 05.03.2026

Form of processing: Individual work / 2-part group work

V

Transformation of Storchenturm Denzlingen - Transformation of a former church and revitalization of the old village center in Denzlingen

1720506, SS 2026, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In the seminar „STORCHENTURM“, we will explore the challenges involved in the structural and functional transformation of the Storchenturm, a religious building in Denzlingen. We will examine how architectural strategies and innovative concepts of use can redefine sacral spaces while preserving their historical and cultural value.

The task is to develop a holistic architectural strategy that enhances the spatial, material, and historical qualities of the Storchenturm, preserves its architectural and structural integrity, and prepares it for a new life cycle with a renewed function and role within the Denzlingen community.

Regular date: Thursday morning Room 20.40 R240

1st meeting: 23.04.26, 09:00 am

Presentation Phase 1: 07.05.2026

Presentation Phase 2: 25.06.2026

Presentation Phase 3: 23.07.2026

Submission: 12.08.2026

Participants: 20 MA

Form of work: 2-person group work

Focus of study: Building technology

Form of course: Presence

Language: German/English

V

Planning and Constructing: BAUWENDE RINGVORLESUNG

1720557, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Lecture (V)
Blended (On-Site/Online)**

Content

In the upcoming lecture series, we will ask how the construction transition is understood, described, and promoted from the perspectives of neighboring and related disciplines. How does engineering view the challenges of the construction transition? What insights does sociology provide us with in dealing with social transformation processes? How can the skilled trades be more closely involved? What roles do landscape and interior design play? What economic models does sustainable construction practice need? And last but not least: Where does the core of the problem lie – and how can we work together across disciplinary boundaries to take action?

Dates:

1st meeting: 22.04.2026

Date: Wednesdays, 4–6 p.m.

Submission/exam: 12.08.2026

Number of Participants: 20

Focus of study: Building Technology

V

Planning and Constructing: SIRCULAR - CIRCULAR BUILDING WITH RECLAIMED TIMBER

1720558, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Large quantities of timber arise during the demolition of buildings and are often not reused. The seminar explores the potential of reclaimed timber as a circular building material and follows the material's path from deconstruction to its reintegration into construction.

Students will develop a new wall and façade system made from reclaimed timber for building 50.31 on the KIT campus and realize it at a 1:1 scale. The starting point is existing timber that will be analyzed, sorted and further developed into constructive solutions. The focus lies on material-appropriate detailing, reversible timber connections, as well as building physics and environmental considerations.

Inputs on contaminants in reclaimed timber, timber strength classes, building physics and life cycle assessment complement the design work. Alongside the theoretical part, practical phases include the deconstruction of building elements and the fabrication of a façade mock-up.

1st meeting: April 24, 2026, 10 a. m.

Schedule: Every other Thursday, practical week in August 10.-14.08.2026

Submission/exam: 19.08.2026

Number of participants: 20



Focus of study: Building Technology





T

4.43 Module component: Preparation Master's Thesis [T-ARCH-107383]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103639 - Research Fields](#)

Type	Credits	Grading	Term offered	Version
Coursework	2 CP	pass/fail	Each term	2

Courses					
WT 25/26	1700054	Preparation Master's Thesis		Project	von Both, Bru, Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Kaiser, Müller, Neppl, Schifferli
ST 2026	1700050	Preparation Master's Thesis		Project / 	Bru, Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Kaiser, Klinge, Neppl, Müller, Schifferli, von Both
ST 2026	1720656	Vorbereitung Masterarbeit (Kaiser)		Project / 	Kaiser

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

Assessment

Completed coursework consisting of a self-formulated differentiated task that the students set themselves for their own MA thesis. During one's studies at least two supervisory sessions take place; the requirement is worked on in the form of scientific texts with explanatory graphics.

Prerequisites

The partial achievement "Participation in doctoral colloquium" must be passed.

Modeled Prerequisites

The following conditions have to be fulfilled:

1. The module component [T-ARCH-112875 - Participation Doctoral Colloquium](#) must have been passed.

Below you will find excerpts from courses related to this module component:

V

Preparation Master's Thesis

1700054, WS 25/26, SWS, Language: German/English, [Open in study portal](#)

Project (PRO)

Content

In the semester before the start of the Master's thesis, the "Master's thesis preparation" component must be completed. There, the Master's candidate should develop the topic or research question for their thesis through independent research work.

The information event for this will take place on 20.10.2025 at 15:00 in lecture hall 9.

Organizational issues

Bearbeitung nach Absprache und Terminplan

V

Preparation Master's Thesis

1700050, SS 2026, SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

In the semester before the start of the Master's thesis, the partial performance "Preparation Master's Thesis" must be completed. There, the Master Candidate should develop the topic or the question for his / her work by independent research work.

1. Meeting/Information: Monday 26/04/13, 2 p.m., 20.40, HS9

Organizational issues

Bearbeitung nach Absprache und Terminplan

T

4.44 Module component: Professional Detailed Planning [T-ARCH-107402]

Coordinators: Dipl.-Ing. Matthias Zöller
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103659 - Professional Detailed Planning](#)

Type	Credits	Grading	Term offered	Version
Written examination	4 CP	graded	Each summer term	1

Courses					
ST 2026	1720850	Professional Detailed Planning	2 SWS	Block / 🗨️	Zöller

Legend: 📺 Online, 🔄 Blended (On-Site/Online), 🗨️ On-Site, ✕ Cancelled

Below you will find excerpts from courses related to this module component:

V

Professional Detailed Planning

1720850, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Block (B)
On-Site**

Content

The course explains the most important principles and rules for detailed planning, discusses them using practical examples and reinforces them with exercises:

Application of technical rules, moisture protection for components in contact with the ground through sealing or concrete, flat and pitched roofs, inverted roof insulation, special features of wooden roofs, barrier-free door thresholds, moisture protection for basements and roofs in existing buildings.

The course is offered in 5 daily blocks.

First meeting: 07.08.2026

Examination: 21.08.2026

Number of participants: 25

Dates: Fri 7.08., Mon 10.08., Wed 12.08., Fri 14.08., Mon 17.08., from 9:30 a.m. to 5:00 p.m.


Focus of Study: Building Technology





T

4.45 Module component: Project Management [T-ARCH-112102]

Coordinators: Hon.-Prof. Kai Fischer
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105957 - Project Management](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each summer term	1

Courses					
ST 2026	1720616	Project Management	2 SWS	Seminar / 	Fischer

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

Assessment

Other examination requirements consisting of a written paper.

Below you will find excerpts from courses related to this module component:

V

Project Management

1720616, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

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

Content

Construction projects require the use of modern and complex management methods. Qualities, costs and deadlines are important building blocks that must be planned and controlled in all project phases - also in order to be able to realize a design in a creatively convincing way. The seminar supports a holistic and integrated view of construction from project development through project preparation, project planning and execution to the acceptance of a building. In addition to the technical aspects, this also includes the economic and legal aspects of a project. Parallel to the input lectures and workshops a semester assignment is worked on. Project management practices should be tested and solution approaches developed. The aim of the seminar is to learn how to understand and apply project management as a tool.


Appointment: Mo, 9:45-11:15 am, Bldg. 20.40, HS 9





T

4.46 Module component: Public Building Law [T-ARCH-107412]

Coordinators: Hon.-Prof. Dr. Werner Finger
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103671 - Public Building Law](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each summer term	1

Courses					
WT 25/26	1731190	Public Building Law	2 SWS	Lecture / 	Finger

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

Below you will find excerpts from courses related to this module component:

V

Public Building Law

1731190, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

**Lecture (V)
On-Site**

Content

If possible please obtain the relevant legal texts (Building Code and Building Utilization Ordinance as well as the current version of the Baden-Württemberg Building Code) before the first lecture.


Exam: Mon 09.03.2026





T

4.47 Module component: Quarter Analysis [T-ARCH-107375]

Coordinators: Prof. Markus Neppl
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103633 - Quarter Analysis](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each winter term	1

Courses					
WT 25/26	1731095	Quarter Analysis: How the City Impacts Us: Exploring Urban Stress Factors	4 SWS	Seminar / 	Neppl, Haug

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

Assessment

Other examination requirements consisting of an oral presentation of the work results (duration approx. 15 minutes).

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Quarter Analysis: How the City Impacts Us: Exploring Urban Stress Factors

1731095, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Public space shapes the character of the European city. Its quality significantly influences whether we feel comfortable, uncomfortable, or stressed while moving through the city. Emotion-sensing measurements now reliably detect and vividly visualise such negative urban emotions in the form of heatmaps. However, the question of their causes remains largely unexplored.

In this seminar, we will therefore focus intensively on investigating these causes. To do so, we will take a closer look at two urban spaces in Karlsruhe. Using the newly developed method of “urban space diagnostics,” we will provide you with a tool to analyse various factors. Step by step, we will work together to develop answers to the question of which factors influence human perception of the city.

Note: Good knowledge of Adobe Illustrator and InDesign (or Affinity) is required.

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

First Meeting: 28.10.2025

Submission/exam: 10.03.2026

Form: teamwork (2 or 3)

Number of Participants: 13

Focus of study: Urban Design

T

4.48 Module component: Research Seminar [T-ARCH-107381]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-103639 - Research Fields

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1710414	Architectural Theory/Research Seminar: Brasil	2 SWS	Seminar / 🗣️	Wilkinson
WT 25/26	1720606	Research Seminar/Sustainability: Grassroots Urbanism: Africa's Claim to the Architecture of Belonging	2 SWS	Seminar / 🗣️	Hebel, Mamo
WT 25/26	1720607	Research Seminar/Sustainability: Back to Zero – Reducing CO2 Emissions in the Construction Industry through LCA	2 SWS	Seminar / 🗣️	Hebel, Boerman
WT 25/26	1720706	Special Topics of BLM: Programming with AI	4 SWS	Lecture / Practice / 🗣️	von Both, Koch
WT 25/26	1720807	Digital Design and Fabrication with Reclaimed Timber (Dörstelmann)	4 SWS	Seminar / 🗣️	Dörstelmann, Zanetti, Fischer
WT 25/26	1720981	Research Seminar: Reuse Relearn Recharge	2 SWS	Seminar / 🗣️	Wagner, Kaul, Mann
WT 25/26	1731098	Research Seminar/Special Topics of Urban Design: PLANREIFE - Implementation and Systematics of Urban Design Projects	4 SWS	Seminar / 🗣️	Maghsoudi
WT 25/26	1731180	Research Seminar: Shared, Autonomous, Sustainable?	2 SWS	Seminar / 🗣️	Engel, Rogge
ST 2026	1720558	Planning and Constructing: SIRCULAR - CIRCULAR BUILDING WITH RECLAIMED TIMBER	2 SWS	Seminar / 🗣️	Klinge, Schmidt, Weber
ST 2026	1720606	Research Seminar: LOAM +, Loam and natural building materials for a emission free construction industry. A research seminar of the KIT Material Library.	2 SWS	Seminar / 🗣️	Hebel, Böhm, Trojer
ST 2026	1720977	Research Fields: Faculty of Architecture Reloaded	2 SWS	Seminar / 🗣️	Wagner, Kaul
ST 2026	1731095	Research Seminar/Special Topics of Urban Design: Visibility Studies in the Historic Ensemble of Augsburg: Digital Methods for the Analysis of Visible Roof Structures	4 SWS	Seminar / 🗣️	Neppl, Zeile
ST 2026	1731172	City Theory/Research Seminar: Mapping Hambach. Identities in Transition	2 SWS	Seminar / 🗣️	Engel, Böcherer, Vollmer
ST 2026	1731180	Research Seminar: "Future Cities - Digital Spaces"	2 SWS	Seminar / 🗣️	Engel, Rogge
ST 2026	1731220	Research Seminar: Latent Habitat	2 SWS	Seminar / 🗣️	Klemmer

Legend: 🗣️ Online, 🗣️🗣️ Blended (On-Site/Online), 🗣️ On-Site, ✖ Canceled

Assessment

Other examination requirements consisting of a specific research-oriented assignment undertaken. The topic must, at the very beginning of starting work on it, be coordinated and approved by the supervising area or discipline, stating clearly the scope, time frame and qualitative criteria being applied. The requirement is worked on in the form of scientific texts with explanatory graphics; a presentation is also possible.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Architectural Theory/Research Seminar: Brasil

1710414, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The theory and historiography of modern architecture, long focused on the global north, is beginning to be decentred. But one global south nation has always held a prominent role in this story, despite its supposedly peripheral status: Brazil. In this seminar, we will discuss the use of the nation as an epistemological category, models of relative development in architectural history, and the theoretical contributions that have developed out of Brazil's very particular conditions: vast in scale and disparity, and shaped by colonialism, dictatorship, immigration and slavery.

The seminar will take place 6 x Fri 9:45-11:15 & 11:30-13:00.

Fri 6.02.26. 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

V

Research Seminar/Sustainability: Grassroots Urbanism: Africa's Claim to the Architecture of Belonging

1720606, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Africa is in the midst of a birth labor for thousands of new cities. This seminar explores Grassroots Urbanism as an alternative to the conventional models of city making that are top-down and capital-intensive. Instead, it champions community-based and locally sourced urban aggregates as approaches better positioned to trigger sustainable socio-spatial productions. Furthermore, in a continent ravaged by historical dispossession and extractive development, it asserts that a flourishing urban future lies in communities that grow roots in a place thereby cultivating a genuine sense of belonging.

Recognizing the centrality of Architecture in the shaping of places of belonging, the seminar investigates FORCES that directs architecture and urban FORMations. Through discussions, reflections on case studies, and collaborative exercises, the seminar aims to uncover latent potentials in architecture that empowers grassroots in the projection of a sustainable urban future for Africa.

First Meeting: 27.10.2025

Regular Meeting: Mondays, 14.00 - 15.30

Submission/Exam: 09.02.2026

Number of participants: 12

Focus of study: Urban Design

V

Research Seminar/Sustainability: Back to Zero – Reducing CO2 Emissions in the Construction Industry through LCA

1720607, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The construction industry is responsible for 40% of all CO2 emissions in Germany. In order to meet climate targets, it is necessary to effectively reduce CO2 emissions throughout the entire life cycle of buildings. The seminar teaches the basics of life cycle assessment (LCA) as a tool for determining CO₂ emissions in construction. The focus is on global warming potential (GWP), which arises throughout the building life cycle in materials, construction, operation and demolition. Tools are used to record and evaluate the data in a structured manner. The aim is to quantify the environmental impact of construction measures in a comprehensible manner and to develop a sound understanding of future-oriented planning and construction in times of climate change.

Wednesdays, 9.45-11.15 AM

Bldg. 11.40, Room 26

First Meeting: 29.10.2025

Submission/Exam: 11.02.2026

**Special Topics of BLM: Programming with AI**1720706, WS 25/26, 4 SWS, Language: German/English, [Open in study portal](#)**Lecture / Practice (VÜ)
Blended (On-Site/Online)****Content**

Programming without prior knowledge. In this seminar, we will cover the general fundamentals of programming languages and then use artificial intelligence tools to address individual, architecture-related issues. To this end, programming environments such as Python, Processing, C++, etc., will be introduced, and functional applications for the planning and operation of buildings will be implemented in dialogue with AI.

Examination of Other Types

Appointments: Mondays, 11:30 am, open supervision, Tuesdays 10:00 a.m. - 11:30 a.m.

1. Appointment: Monday, 2025/10/27, 11:30 am, BLM Seminar room

Examination Date: Monday, 2026/03/01, 11:30 am, BLM Seminar room

Organizational issues

Master

**Digital Design and Fabrication with Reclaimed Timber (Dörstelmann)**1720807, WS 25/26, 4 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

The seminar 'Digital Design and Fabrication with Reclaimed Timber' provides insights into digital design and automated robotic fabrication processes using reclaimed timber from various sources.

With the help of computer-aided models and the application of modern technology, residual timber is (re)used to enable circular and resource-efficient architecture.

During the seminar, students work both on the digital design model and hands-on with the material wood, gaining insights into automated robotic fabrication.

The seminar aims to design large-scale load-bearing frame components to be prototyped at 1:1 scale.

01.10.25 - 13.03.2026

Number of Participants: 12

Submission/exam: 13.03.2026

Place: DDF_Lab, Hardeckstraße 2a

A proficient command of Rhino3D and Grasshopper is required.

**Research Seminar: Reuse Relearn Recharge**1720981, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)**Seminar (S)
On-Site****Content**

In this collaborative seminar, we will design a sustainable, low-threshold outdoor workspace and lounge area. The goal is to create a usable prototype that brings together design, technical aspects and circular construction methods – selection of suitable materials and dismantlability/reusability. Another focus is on usage-related comfort criteria for working outdoors. The outdoor workspace, with a maximum volume of 30 m³, will serve as a "third place" and is designed to allow laptops to be powered via a stand-alone photovoltaic system. The seminar is offered in conjunction with an accompanying impromptu design at the Chair of Sustainable Construction. The plan is to realise this as a 1:1 demonstrator in the summer semester of 2026.

Appointment: Mo. 03:45 PM - 05:15 PM, 20.40, R 240

First meeting: 27.10.2025, 03:45 PM, R 240

Submission/Exam: 09.02.2026

Number of Participants: 12

**Research Seminar/Special Topics of Urban Design: PLANREIFE - Implementation and Systematics of Urban Design Projects**1731098, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)**Seminar (S)
On-Site**

Content

How does a design become a neighborhood? In this seminar, we go beyond classical urban design masterclass. We begin where the master plan is already in place. In interdisciplinary planning teams, students develop a design manual, regulatory frameworks, and implementation strategies. Through excursions, guest experts, and collaborative group work, we explore the practical realities of urban development processes. Urban design is teamwork: planners, specialists, municipalities, developers, and citizens all come together. This seminar offers insight into everyday planning practice and how a conceptual master plan can lead to a vibrant built environment.

Appointment: Tue, 3:45 am–7:00 pm, Bldg. 11.40, R015

First Meeting: 28.10.2025

Excursion: Heidelberg

Submission/exam: 03.03.2026

Number of Participants: 14

Focus of study: Urban Design

Form: Teamwork (2)

**Research Seminar: Shared, Autonomous, Sustainable?**

1731180, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

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

Content

The research seminar "Shared, Autonomous, Sustainable?" examines the potential for spatial change through autonomous mobility in the transition from urban to rural structures. With the help of scenarios, the effects of self-driving minibuses on the urban fabric will be researched. The seminar is part of the interdisciplinary research project C2CBridge. In this project, the spatial, social and technical framework conditions for self-driving minibuses are being examined. The focus is on the transition from city to countryside (country to city). The seminar is held on irregular dates. Block courses are offered that take place outside the regular weekly lecture period.

regular meeting time: irregular

1st meeting: Tue, 28 Oct, 2025, 3.45 p.m., online

submission/examination: 10 Mrch, 2026

number of participants: 5

Field of study: Urban planning

**Planning and Constructing: SIRCULAR - CIRCULAR BUILDING WITH RECLAIMED TIMBER**

1720558, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

Large quantities of timber arise during the demolition of buildings and are often not reused. The seminar explores the potential of reclaimed timber as a circular building material and follows the material's path from deconstruction to its reintegration into construction.

Students will develop a new wall and façade system made from reclaimed timber for building 50.31 on the KIT campus and realize it at a 1:1 scale. The starting point is existing timber that will be analyzed, sorted and further developed into constructive solutions. The focus lies on material-appropriate detailing, reversible timber connections, as well as building physics and environmental considerations.

Inputs on contaminants in reclaimed timber, timber strength classes, building physics and life cycle assessment complement the design work. Alongside the theoretical part, practical phases include the deconstruction of building elements and the fabrication of a façade mock-up.

1st meeting: April 24, 2026, 10 a. m.

Schedule: Every other Thursday, practical week in August 10.-14.08.2026

Submission/exam: 19.08.2026

Number of participants: 20

Focus of study: Building Technology

**Research Seminar: LOAM +, Loam and natural building materials for a emission free construction industry. A research seminar of the KIT Material Library.**

1720606, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

The materials library houses conventional building materials as well as recyclable building materials made from secondary and renewable raw materials. The seminar focuses on loam building materials and other natural building materials used in construction and renovation projects. Loam (along with wood) is one of the oldest building materials known to humankind, and even today, a third of the world's population lives in loam buildings, particularly in Africa, South America, and Asia. In our region, this natural material is experiencing a renaissance thanks to modern advancements such as prefabrication, the production of dry construction materials and the integration of this traditional building material in digital design and construction methods. In conjunction with renewable materials, such as wood, natural insulation or natural paints and plasters, building with loam represents one of many opportunities for addressing the enormous challenges posed by climate change within the construction industry.

During the research seminar, the students will conduct independent and critical research on the mentioned topics. They will examine the life cycles of selected materials in detail in order to integrate sustainable alternatives into the materials library in the form of detailed datasets and physical material samples. The seminar is accompanied by mentoring sessions, workshops, lectures and excursions.

First Meeting: April 21, 2026

Regular Meeting: Tuesdays, 11.30 - 13.00

Submission/Exam: July 21, 2026

Focus of study: Building Technology

**Research Fields: Faculty of Architecture Reloaded**

1720977, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

What spatial and technical requirements does a building need to meet in order to provide contemporary architectural education—both now and in the future? Against this background, the faculty is investigating the extent to which building 20.40 would have to be transformed for this purpose as part of several master design studios and is examining whether and with what changes the Physics Tower (30.23) would also be a viable option for the Faculty of Architecture. In our seminar accompanying the design studios, we analyze the existing building fabric and technical building equipment and use this as a basis to develop conceptual solutions for both the building physics upgrading and for innovative building technology.

Mo. 20.04.2026 15:45 PM - 17:15PM R. 240

Examination: 20.07.2026

Number of Participants: 10

**Research Seminar/Special Topics of Urban Design: Visibility Studies in the Historic Ensemble of Augsburg: Digital Methods for the Analysis of Visible Roof Structures**

1731095, SS 2026, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

This research seminar examines the visibility of roof structures within Augsburg's historic ensemble as a basis for precise spatial assessment. Using digital methods—3D city models, GIS-based visibility analyses, and visibility studies—it systematically identifies visible roof surfaces. Conducted in close collaboration with the BLfD and the planning departments of Augsburg and Landsberg am Lech, the study serves as a preliminary analysis for the Solar Framework Plan.

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

First Meeting: 21.04.2026, 9:45 am, Bldg. 11.40, R015

Submission/Exam: 11.08.2026

Number of Participants: 16

Form: teamwork

**City Theory/Research Seminar: Mapping Hambach. Identities in Transition**

1731172, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The Rhineland mining region, once dominated by lignite mining, is undergoing structural change in the wake of the coal phase-out. Which places shape the image of the region in people's minds – what consequences does the disappearance or relocation of places have for the collective identity? The seminar will examine selected places around the Hambach open-cast mine from spatial, emotional, cognitive and visual perspectives. Part of the seminar is an excursion to the Rhineland mining area, where analyses will be carried out on site and the results will then be discussed with citizens and professionals at tu!Hambach. Travel and accommodation costs of 100 € are to be expected.

Appointment: Tuesday 11.30 - 13:00 h, bldg. 11.40 R013

Excursion: probably June 12 - 14, 2026

First Meeting: Tue 21.04.2026

Submission/Exam: Tue August 18, 2026

Number of Participants: max. 10BA/10MA

Form: Single/Teams of two

Focus of study: Urban Design

**Research Seminar: "Future Cities - Digital Spaces"**

1731180, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

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

Content

Urban spaces are shaped by social, legal, and technical norms. They should meet the needs of people and the environment, yet they follow the logic of technology and the market. Security and surveillance, freedom and power, form and function must be renegotiated on a regular basis.

Smart cities promise to improve our lives, but they require data collection, algorithmic order, and control. This tension forms the starting point for the research seminar "Future Cities – Digital Spaces" and invites participants to define their own positions for the design of future urban spaces and explore them in spatial scenarios.

The seminar is part of the C2C research project and takes place irregularly and by appointment.

Regular date : irregular

1st Meeting: Tues. April 21, 2026

Final presentation/ exam: August 18, 2026

Focus of studies: Urban planning and design

**Research Seminar: Latent Habitat**

1731220, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

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

Content

The seminar explores AI as a design medium—not as an illustrative tool, but as an operative interface between language, image, and spatial imagination. Prompts generate and transform visual spaces whose outcomes serve as open stimuli for thinking, sketching, and drawing. AI is understood as a field of research.

Chance, randomization, ambiguity, and shifts act as productive impulses; deviations and overlaps stimulate new spatial hypotheses. Through a sequence of tasks, different strategies—such as oppositions, states, or actions—are tested as conceptual operators. The aim is to investigate the design process as a dynamic interplay of precision, visual exploration, chance, and spatial translation. In this way, AI functions as an experimental ground for new modes of practice and conceptual positions at the intersection of architecture and landscape.

Distribution & Introduction: 05.05.2026, 05:00 p.m. (Introduction: Building 11.40, Room 126)

Meetings: 19.05.2026/09.06.2026/23.06.2026/30.06.2026/07.07.2026 from 5:00 p.m. to 7:00 p.m. each time

Submission deadline: 18.07.2026, 12:00 p.m. (midnight)

Format: Individual work

Number of participants: 15 (fixed for Master students THINKING GARDEN) + 20

Costs: Software license approx. €25.00

T

4.49 Module component: Self Assignment HoC-FORUM-SpZ 1 not graded [T-ARCH-111775]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

Type	Credits	Grading	Term offered	Version
Coursework	2 CP	pass/fail	Each term	1

Assessment

Completed coursework that varies type-wise and scope-wise, depending upon the course taken.

Prerequisites

none

Self Service Assignment of Supplementary Studies

This module component can be used for self service assignment of grades acquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Additional Information

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

Workload

60 hours

T

4.50 Module component: Self Assignment HoC-FORUM-SpZ 2 not graded [T-ARCH-111776]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

Type	Credits	Grading	Term offered	Version
Coursework	2 CP	pass/fail	Each term	1

Assessment

Completed coursework that varies type-wise and scope-wise, depending upon the course taken.

Prerequisites

none

Self Service Assignment of Supplementary Studies

This module component can be used for self service assignment of grades acquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Additional Information

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

Workload

60 hours

T

4.51 Module component: Self Assignment HoC-FORUM-SpZ 3 not graded [T-ARCH-111777]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

Type	Credits	Grading	Term offered	Version
Coursework	2 CP	pass/fail	Each term	1

Assessment

Completed coursework that varies type-wise and scope-wise, depending upon the course taken.

Prerequisites

none

Self Service Assignment of Supplementary Studies

This module component can be used for self service assignment of grades acquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Additional Information

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

Workload

60 hours

T

4.52 Module component: Self Assignment HoC-FORUM-SpZ 4 graded [T-ARCH-111778]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	2 CP	graded	Each term	1

Assessment

according to the assignment to be credited

Prerequisites

none

Self Service Assignment of Supplementary Studies

This module component can be used for self service assignment of grades acquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Additional Information

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

Workload

60 hours

T

4.53 Module component: Self Assignment HoC-FORUM-SpZ 5 graded [T-ARCH-111779]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	2 CP	graded	Each term	1

Assessment

according to the assignment to be credited

Prerequisites

none

Self Service Assignment of Supplementary Studies

This module component can be used for self service assignment of grades acquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Additional Information

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

Workload

60 hours

T

4.54 Module component: Self Assignment HoC-FORUM-SpZ 6 graded [T-ARCH-111780]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	2 CP	graded	Each term	1

Assessment

according to the assignment to be credited

Prerequisites

none

Self Service Assignment of Supplementary Studies

This module component can be used for self service assignment of grades acquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Additional Information

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

Workload

60 hours




T


4.55 Module component: Seminar Week [T-ARCH-111342]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-105682 - Key Qualifications

Type	Credits	Grading	Term offered	Version
Coursework	2 CP	pass/fail	Each term	1

Courses					
ST 2026	1700033	Seminar Week: Block-Based Approaches to Architecture – Digital Study Workshop	1 SWS	Block / 🎧	Jager
ST 2026	1710109	Seminar Week: Archival Bastards	1 SWS	Seminar / 🎧	Frohn, Rucci
ST 2026	1710206	Seminar Week: Borderline(s) Investigation(s) #03 LIGHT (Bru)	1 SWS	Block / 🎧	Bru, Brückner, Ingold
ST 2026	1710304	Seminar Week: La Terrazza Romana	2 SWS	Block / 🎧	Hartmann, Kadid, Coricelli, Vansteenkiste, Zucchello, Giubbini
ST 2026	1710360	Seminarweek: Cohabitation – Architecture for Interspecies Living	2 SWS	Block / 🎧	Craig, Mühlen
ST 2026	1710412	Seminar week: Housing Futures in Play	1 SWS	Seminar / 🎧	Hansmann
ST 2026	1710455	Seminar week: Concrete Communication: Berlin	1 SWS	Block / 🎧	Rambow, Kosenina
ST 2026	1720509	Seminar Week: FROM RAW MATERIAL TO COMPONENT	1 SWS	Block / 🎧	Müller, Schmeußer, Süßmann, Bessai, Huismans, Alves Rocha, Sadi
ST 2026	1720556	Seminar Week: wertschau	1 SWS	Block / 🎧	Klinge, Weber, Schmidt
ST 2026	1720608	Seminarweek: Back to Earth: a journey to pioneering clay buildings in German-speaking regions	1 SWS	Excursion / 🎧	Hebel, Behringer, Kaiser Hirt
ST 2026	1720610	Seminarweek Piemont Material – practical laboratory (Müller)	1 SWS	Excursion / 🎧	Müller, Busse, Gerteiser
ST 2026	1720651	Seminar Week: Re: Build Domino Zirkular (IBA27)	1 SWS	Block / 🎧	Kaiser, Büchle, Erlewein
ST 2026	1720706	Seminar week on BIM-based quantity calculation (von Both)	2 SWS	Block / 🎧	von Both, Sartorius, Schöner
ST 2026	1720761	Seminar Week: Digital Skins / Digital Skins	1 SWS	Block / 🎧	La Magna, Andersson Largueche
ST 2026	1720810	Seminar week: Re:Build Domino Zirkular (IBA27)	1 SWS	Block / 🎧	Dörstelmann, Kaiser, Erlewein, Fischer, Steinbach, Witt
ST 2026	1720983	Seminar Week: Reuse Relearn Recharge – Design Built		Block / 🎧	Wagner, Mann, Kaul
ST 2026	1731094	Seminarweek: Hidden Karlsruhe	1 SWS	Block / 🎧	Neppl, Haug
ST 2026	1731199	Seminar Week: Spaces. Places. Traces. (RE)Discovering Karlsruhe Oststadt (Engel)	1 SWS	Block / 🎧	Engel, Staab
ST 2026	1731219	Seminar Week: The Gardens of Uzbekistan	1 SWS	Block / 🎧	Schifferli, Viohl

ST 2026	1731299	Seminarweek: Alto Adriatico	1 SWS	Block / 	Inderbitzin, Clauss, von Zepelin, Nalbach, Schmitt, Savic
ST 2026	1741383	Excursion: Seminar Week: Ornamental Baroque: Documenting the Work of Francisco Hurtado Izquierdo	2 SWS	Block / 	Garrido, Silvestri
ST 2026	1800025	Seminar Week: Graffiti in Karlsruhe	2 SWS	Block / 	Papenbrock

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

Prerequisites

none

Below you will find excerpts from courses related to this module component:



Seminar Week: Block-Based Approaches to Architecture – Digital Study Workshop

1700033, SS 2026, 1 SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

The four-day intensive course is aimed at students of architecture and art history and introduces innovative digital methods for the analysis of architectural structures. Using experimental tools (Minecraft), participants develop analytical and design-based studies and realize collaborative projects. The seminar emphasizes interdisciplinary discourse, communicative processes, and cooperative working methods within an open, dialogue-oriented setting. Additional costs may arise if software licenses are required.

First Meeting: 25.05.26 (seminar week)

Number of Participants: 10



Seminar Week: Archival Bastards

1710109, SS 2026, 1 SWS, Language: German/English, [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 team archival material that was not destined to meet.

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

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

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

INFOS:

1710109

Appointment: Seminar week _ 26.05.2026 – 29.05.2026

First Meeting: 26.05.2026 – 10:00, room to be announced

Reviews: tbd

Submission: 29.05.2026, 12:00 Uhr

Number of participants: max. 20 students

Language: English / German

DATES:

Di, 26.05.2026 _ 10:00 - 18:00

Mi, 27.05.2026 _ 10:00 - 18:00

Do, 28.05.2026 _ 10:00 - 18:00

Fr, 29.05.2026 _ 10:00 - 12:00

**Seminar Week: Borderline(s) Investigation(s) #03 LIGHT (Bru)**1710206, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)**Block (B)
On-Site****Content**

Light is not a fixed product but a living material, capable of transforming space and the way we inhabit it. It passes through, illuminates, erases, and blurs, unsettling our sense of time and space. The seminar approaches light not as a tool of illumination, but as a moving flow and spatial agent. Through filmic work and moving images, students explore light as phenomenon and as practice. The camera is an instrument of investigation: energy is divided, refracted, polarized, reflected. Filmic recordings function as experimental and analytical tools. The goal is not to produce a finished film, but to test relationships between intensity and transparency, movement and perception, technology and atmosphere.

The seminar is held in cooperation with the photography workshop, led by Mr. Seeland and Mr. Engel.

Event format: On-Site**Participants:** 20**Schedule:** 26.05.-29.05.2026, from 09:00 to 15:00**First Meeting:** 26.05.2026**Submission/Presentation:** TBD**Field of study:** Architectural and Cultural Heritage**Seminar Week: La Terrazza Romana**1710304, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)**Block (B)
On-Site**

Content

Our seminar trip takes us to Rome and, in particular, to a number of Roman terraces. In addition to visiting historical and contemporary buildings, we will meet with leading figures in contemporary architecture and discuss their working conditions.

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

Language: English/German

Event Format: On-site

First Meeting and Presentation of the Program: 22.05.2026, 11h

Schedule: 26.05.2026–29.05.2026

Participation criteria: Open to all KIT affiliates

Form: Collective work

Deliverables: Short films

V

Seminarweek: Cohabitation – Architecture for Interspecies Living

1710360, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Block (B)
On-Site****Content**

Nature is often understood as something that takes place outside the city – as the antithesis of urban life. However, cities are not only human places, but also habitats for numerous non-human creatures. In addition to animals that were deliberately brought into the city, many species have independently appropriated urban spaces or followed humans there. But rarely do we really think about what a more equal urban coexistence between humans and animals could look like.

Based on the concept of cohabitation, we are looking for new forms of coexistence between humans and non-domesticated animals in the city. Through observations in urban spaces, we are researching which animals surround us, which infrastructures they use, and which conflicts or dependencies arise. From there we will develop ideas and designs, build 1:1 models, and test them in public spaces.

26.05.-28.05.26 10:00-18:00 Uhr

Organizational issues

26.05.-28.05.26 10:00-18:00 Uhr

V

Seminar week: Housing Futures in Play

1710412, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site****Content**

Our seminar trip takes us to Hamburg. There, we will collaborate with the collective vonwegenleer to explore the negotiation processes involved in collective housing projects. vonwegenleer focuses on the interim use of office space for residential purposes. Negotiation within the community is a key aspect of this process. Guided by experts, we will develop games that allow future residents to visualize and work through anticipated conflicts, negotiation processes, etc. in advance. At the end, living is played out: the seminar week concludes with an invitation to the public to join us in testing the game we have developed.

Focus of study: Architectural and Cultural Heritag

Seminarwoche will take place on 4 entire days 10.-13.6.

Number of Participants: 20

Costs: about 300 Euro (maybe stay free of charge possible)

Arrival and departure at your own responsibility; preparatory meeting: to be announced

V

Seminar week: Concrete Communication: Berlin

1710455, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

**Block (B)
On-Site**

Content

Architecture and the city emerge out of communication and conflict. Nowhere can you see and experience this better than in Berlin. We will spend four days walking through the city of Berlin to visit important sites of past and present architectural debates, from the International Building Exhibitions of 1957 and 1984/87 to the Museum Island and the Kulturforum to the city centre with the Humboldt Forum and the planned Bauakademie as well as, in contrast, "alternative" planning sites such as the Old Flower Market or the Spreefeld and Holzmarkt. We will move around by walking on foot as much as possible to examine the effects of planning decisions and negotiation processes on the experience and use of the city as bodily and sensually as possible.

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

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

Block date: Tue 26.05.– Fri 29.05.2026, 9:00 am to 5:00 pm

1st meeting: Wed, 29.04.2026, 5:30 pm, Bldg. 20.40, R 257

Number of participants: 20

**Seminar Week: FROM RAW MATERIAL TO COMPONENT**

1720509, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

**Block (B)
On-Site**

Content

In the course of the sustainable construction transition, alternative building materials and construction methods are becoming increasingly important. Wood, in particular, plays a central role as a renewable material suitable for circular use. In cooperation with the Black Forest Timber Construction Center, students will gain practical insights during the seminar week into the entire value chain, from sustainable forestry and processing at the sawmill to modern timber construction technologies and structural detailing. The seminar week concludes with a fullscale (1:1) exercise. The students will build a single-material knot detail that will be provided in advance, to apply the theoretical knowledge acquired in practice.

Pre-meeting: Thursday, 23.04.2026 – 12.00 (Room 240)

Period: Tuesday, 26.05.2026 – Friday, 29.05.2026 full day

Location: 79837 St. Blasien, Kurhaus Menzenschwand

Costs: ca. 300 Euro / Self-arranged arrival

Number of participants: 10 places Bachelor, 10 places Master

**Seminar Week: wertschau**

1720556, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

**Block (B)
On-Site**

Content

The design draft selected in the impromptu review wertschau will be realised in the wood workshop as a real-life laboratory on a scale of 1:1. Components are manufactured from regionally harvested wood, joining principles are tested in practice and further developed in terms of construction. Cutting, prefabrication and trial assembly prepare for the final assembly in the foyer. The design and construction processes interlock and transform the concept into a precisely constructed exhibition.

First Meeting: As announced

Real laboratory: 26.05.-29.05.2026 Woodshop

Number of Participants: 7 Bachelor, 5 Master

**Seminarweek: Back to Earth: a journey to pioneering clay buildings in German-speaking regions**

1720608, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

**Excursion (EXK)
On-Site**

Content

Clay, long an underrated building material, is currently experiencing a renaissance in light of the ecological crisis and is now considered a forward-looking material. The seminar trip takes us to the most significant clay buildings in Germany, Switzerland, and Austria. On a bus trip, we discover historic half-timbered and clay houses, contemporary projects in rammed clay and light clay, as well as innovative approaches to sustainable clay architecture. The excursion combines theoretical insights with practical observations and provides a deep understanding of the structural, design, and ecological potential of clay.

First Meeting: Donnerstag, 07.05.2026, 1-2 p.m., Geb. 11.40 room 26

Excursion: 26.05. – 29.05.2026

**Seminarweek Piemont Material – practical laboratory (Müller)**1720610, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)**Excursion (EXK)
On-Site****Content****Piemont– Material Practice**

In a small village consisting of eight abandoned and partially ruined stone houses in the forests of Piemont, Northern Italy, we take part in their reconstruction and become familiar with traditional stone architecture. We work hands-on with locally available materials and historical building techniques, including stone masonry and the application of thermal plasters made from lime and hemp.

As part of the seminar, material samples will be produced and documented. Some samples will be added to the KIT material library and exhibited there as references.

Theoretical knowledge of local architectural history and building culture is developed through lectures as well as through a visit to a local restoration site.

First Meeting: 22.04.2026

Excursion: 25.05. - 29.05.2026

Cost per student: approx. €370 - 450 (incl. Food)

Number of Participants: 14-16

Arrival / Departure: self-organized

Event type: Hands-on workshop

Accommodation: Tent or shared room

Protective equipment: mandatory and self-organized (safety shoes, gloves & safety glasses)

**Seminar Week: Re: Build Domino Zirkular (IBA27)**1720651, SS 2026, 1 SWS, Language: German, [Open in study portal](#)**Block (B)
On-Site****Content**

The professorships of Circular Wood Construction (KHB) and Digital Design and Fabrication (DDF) are collaborating during the construction week of the 2026 summer semester to explore the principles of circular construction and challenge students to rethink material cycles in real-world constructions.

Students will work at the interface between craftsmanship and digital fabrication. In doing so, they will gain practical experience in timber construction and in the use of digital tools. The focus will be on manual assembly, the use of digital fabrication tools such as CNC milling machines or industrial robots, the collaborative solving of construction tasks, and the documentation of the process.

This seminar week offers the opportunity to make a visible contribution to sustainable construction with waste wood as part of the International Building Exhibition (IBA'27) and to actively participate in the 1:1 implementation of various building elements made of waste wood and clay for the flagship project "Domino Zirkular" of the IBA 2027 in Stuttgart.

26.05. - 29.05.2026

Place: DDF_Lab, Hardeckstraße 2a

**Seminar week on BIM-based quantity calculation (von Both)**1720706, SS 2026, 2 SWS, Language: German, [Open in study portal](#)**Block (B)
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 labour-intensive, requiring manual measurements and calculations that are prone to errors. Building Information Modelling (BIM) streamlines this practice by offering a digital, integrated approach to the planning, construction, and management of construction projects. With the use of BIM, quantities can be automatically and precisely derived from digital models, and they can be kept up-to-date even with floor plan changes.

Learn how to create quantity measurement Lists in ARCHICAD. No prior knowledge of ARCHICAD is required.

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

The seminar includes lectures and hands-on exercises.

Workshop: 26.-29.05.2026, Start 09:00 a.m., all day long, in Presence, "Grüne Grotte"

Number of participants: 20

Organizational issues

Master und Bachelor

**Seminar Week: Digital Skins / Digital Skins**1720761, SS 2026, 1 SWS, Language: 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 geometric processing and patterning of surfaces. The seminar 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. Knowledge of Rhino and Grasshopper is welcome but not compulsory.

First meeting: 26.05.2026

Location: Bldg. 20.40, Room tba

Language: English

Format: on-site

Number of participants: 20

Organizational issues

26 bis 29.05.2026 Grüne Grotte

**Seminar week: Re:Build Domino Zirkular (IBA27)**1720810, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)**Block (B)
On-Site****Content**

The professorships of Circular Wood Construction (KHB) and Digital Design and Fabrication (DDF) are collaborating during the construction week of the 2026 summer semester to explore the principles of circular construction and challenge students to rethink material cycles in real-world constructions.

Students will work at the interface between craftsmanship and digital fabrication. In doing so, they will gain practical experience in timber construction and in the use of digital tools. The focus will be on manual assembly, the use of digital fabrication tools such as CNC milling machines or industrial robots, the collaborative solving of construction tasks, and the documentation of the process.

This seminar week offers the opportunity to make a visible contribution to sustainable construction with waste wood as part of the International Building Exhibition (IBA'27) and to actively participate in the 1:1 implementation of various building elements made of waste wood and clay for the flagship project "Domino Zirkular" of the IBA 2027 in Stuttgart.

26.05.-29.05.2026

Number of Participants: 20

Place: DDF_Lab, Hardeckstraße 2a

No prior knowledge is required.

**Seminar Week: Reuse Relearn Recharge – Design Built**1720983, SS 2026, SWS, Language: German, [Open in study portal](#)**Block (B)
On-Site****Content**

This cooperative construction project held in collaboration with the wood and metal workshops, focuses on working with reuse materials and combining them to create a circular construction. The basis for this are two designs of solar-powered pavilions, which were developed last semester as an architectural intervention in public space. We will be working hands-on on the construction of the two pavilions, which involves working with various materials and integrating a solar power supply. A workshop license is required. Following the seminar week, the two pavilions will be set up on the KIT campus for free use after a brief stopover at the Baukulturfestival in Potsdam.

Seminar Week: 26.05.2026 until 29.05.2026, Campus South, Workshop license mandatory, protective work clothing required

First Appointment: 26.05.2026 09:00 AM

Exam:

Places: 24

**Seminarweek: Hidden Karlsruhe**1731094, SS 2026, 1 SWS, Language: German, [Open in study portal](#)**Block (B)
On-Site**

Content

The seminar week format offers a unique opportunity within the semester to gain new inspiration through the exploration of unfamiliar places. But is it really necessary to travel in order to do so? Or can equally valuable practical examples be found quite literally right on our own doorstep?

These questions will be explored as part of the STQP seminar week. Together, we will rediscover our “hood,” Karlsruhe, by engaging with different neighborhoods, typologies, and personal favorite places. In several small, self-guided or guided excursions, you will explore the city from new perspectives. The results will be creatively presented and documented in the form of a travel guide.

Seminar Week: 26.-29.05.2026

First meeting: 26.05.2026, 9:30 Uhr, Geb. 11.40, R015

Form: teamwok

Costs: none (no excursion, seminar week in Karlsruhe)

Exam performance: documentation

**Seminar Week: Spaces. Places. Traces. (RE)Discovering Karlsruhe Oststadt (Engel)**

1731199, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

Block (B)
On-Site

Content

Public spaces characterise a city – not only by their physical form, but also in the way people use them and (can) appropriate them. Their history(ies), cultural values and meanings form the identities of these spaces. During the seminar week, we will analyse public spaces in Karlsruhe Oststadt. The focus will not only be on squares, streets and parks, but also on niches and brownfield sites. Selected public spaces from the present and the past will be recorded in drawings – supplemented by a short text. What ideas, concepts and needs lie behind these spaces, and how have they changed?

Block date: Tue May 26.- Fri May 29, 2026, (8:00 h - 18:00 h) bldg. 11.40 R013

First Meeting: Tue May 26, 2026, 9:30 am, bldg11.40 R013

Submission/Exam: Fri May 29, 2026 from 14.00h on, bldg. 11.40, Tulla hall (lobby/foyer)

Number of Participants: 21

**Seminar Week: The Gardens of Uzbekistan**

1731219, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

Block (B)
On-Site

Content

The historic cities of Uzbekistan are part of the millennia-old cultural landscape of the Silk Road. As key hubs of trade, science, and religion, they connected China, Persia, and the Mediterranean, developing into significant centers of exchange.

In the seminar, we explore Tashkent, Bukhara, Samarkand, and Khiva. We travel across the vast deserts and mountain ranges that shape the country and visit the historic centers of its oasis cities. The architecture is marked by mosques, madrasas, mausoleums, and palaces with large domes, expansive iwans, richly decorated portals, and intricate tilework. Among the sites we visit are the traditional mahalla neighborhoods in Bukhara, the Juma Mosque in Khiva, the Tash Hauli Palace with its ornate courtyards, and the pre-Islamic funerary tower Chilpik, a “Tower of Silence” of Zoroastrian origin.

Uzbekistan’s gardens have a history spanning thousands of years and reflect the close connection between nature, culture, and oasis landscapes. Their design is closely linked to the fertile valleys of the Amu Darya and Syr Darya rivers, as well as the trade routes of the Silk Road.

Carefully designed water channels, shaded pavilions, and symmetrically planted orchards and ornamental gardens unite aesthetics, functionality, and spirituality. The gardens of Samarkand, Bukhara, and Khiva, in particular, show their importance as spaces of retreat, social exchange, and cultural reflection.

Inspired by the Persian garden ideal of the Tschahār Bāgh, these gardens combine geometric precision with deliberately arranged vegetation, embodying an ideal of cosmic order, harmony, and paradisiacal garden symbolism.

Travel dates: 22.05.2026 – 31.05.2026

Seminar fair: 13.4.2026

Registration deadline & travel information session: 15.04.2026, 5:00 p.m. (Building 11.40, Room 126)

Costs (travel, accommodation, entrance fees, guided tours): approx. €1,250

Number of participants: 15

**Seminarweek: Alto Adriatico**

1731299, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

Block (B)
On-Site

Content

During the seminar week, we will be sailing in the northern Adriatic Sea. The cruise will take us from Pula via Trieste to Venice. We will focus our attention on the relationship between architecture and territory. This is a cultural area that is oriented towards the sea and trade by water. Different cultures have encountered each other through exchange, intertwined and then separated again. These processes are reflected in the architecture. In addition to visiting the cities, we will also take a look at the surrounding landscapes: islands, salterns, lagoons. In the evenings, we will moor in ports or anchor and sleep, cook, and eat together on the ship.

Travel dates: 23.5. - 30.5.2026

Introductory meeting: to be announced

Costs: approx. 630 Euro (excl. individual arrival)

Number of participants: 15

V

Excursion: Seminar Week: Ornamental Baroque: Documenting the Work of Francisco Hurtado Izquierdo

**Block (B)
On-Site**

1741383, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Content

This excursion travels to Granada and Córdoba to study the extraordinary ornamental language of Francisco Hurtado Izquierdo (1669–1738), one of the most inventive masters of Spanish Baroque. Visiting key works across both cities — with special focus on the Sagrario of the Cartuja Monastery in Granada — participants will produce digital documentation of Hurtado's dense, sculptural stucco work through photography, video recording, and on-site sketching. The material gathered will serve as the basis for digital graphic records of these spaces and their ornamental systems, training the eye to observe, capture, and represent complex architectural detail as an analytical and creative tool.

Travel and accommodation must be organized by yourself. Costs approx. 800 €

Date: Preliminary meeting Mon 20.04.2026 17:30-18:30, Seminar Room Construction Planning Building 20.40, R 221

Number of participants: 20

Study focus: Architectural and cultural heritage

V

Seminar Week: Graffiti in Karlsruhe

**Block (B)
On-Site**

1800025, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Content

This course, which takes place during the seminar week, is about the documentation of graffiti in Karlsruhe. Participants are to photograph graffiti in Karlsruhe's urban space, upload it via an app (lingscape) and record and analyze it in a structured way in a database (INGRID). The condition for participation is the possession of a smartphone.

Seminar week: 26.5. to 29.5.2026

Exam: 29.5.2026

Places: 20

Organizational issues


26. - 29. Mai 2026





T

4.56 Module component: Sound Insulation and Acoustics [T-ARCH-111340]

Coordinators: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105680 - Special Topics of Building Physics](#)

Type	Credits	Grading	Term offered	Version
Oral examination	2 CP	graded	Each winter term	1

Courses					
WT 25/26	1720977	Special Topics of Building Technology: Noise Protection and Acoustics	2 SWS	Lecture / 	Wagner, Grunau, Mann

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

Assessment

Oral exam of 25 minutes on the contents of the course.

Prerequisites

none

Workload

60 hours

Below you will find excerpts from courses related to this module component:

V

Special Topics of Building Technology: Noise Protection and Acoustics

1720977, WS 25/26, 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: Fri 11:30 AM - 01:00 PM and Fri 01:15-02:45 PM by arrangement every other week, 20.40, HS 9

First meeting: 31.10.2025, 11:30 AM - 01:00 PM, HS 9

Submissio/Exam: 06.03.2026

Number of Participants: 10

Attention: This lecture with a volume of 2 credits is part of the module „Special 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

4.57 Module component: Spatial Theory [T-ARCH-107371]

Coordinators: Prof. Marc Frohn
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103629 - Spatial Theory](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each summer term	1

Courses					
ST 2026	1710104	Spatial Theory: ANATOMY OF A SCHOOL: Space, Pedagogy, Genealogy	2 SWS	Seminar / 🗣️	Frohn, Streicher

Legend: 🖥️ Online, 🔄 Blended (On-Site/Online), 🗣️ On-Site, ✖ Canceled

Assessment

Other examination requirement which is undertaken in a format dependent upon the posted topic, e.g. in the form of an oral presentation, composition, plans or models.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Spatial Theory: ANATOMY OF A SCHOOL: Space, Pedagogy, Genealogy

1710104, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

From the Académie Royale to post-1968 experiments, architectural schools have continually redefined themselves—spatially, intellectually, experimentally.

From the classical atelier of the Académie des Beaux-Arts, to the specialized Bauhaus, to the open fields of Delft, the spatial organization of a school is never neutral. Pedagogy and space inform one another; they structure encounters and stage debates.

From Weinbrenner to Hübsch in Karlsruhe, Ungers to Koolhaas in Cornell, Zenghelis to Hadid in London, schools frame positions and host multiple genealogies.

Our seminar complements the master studio, inviting students to dissect a singular school, deep diving into what an architecture school was, is, and could be.

It traces historical and typological transformations, mapping genealogies and the interplay of space and teaching, producing insights that feed the studio and are collected in a zine.

First Meeting: 29.04.26

From: 11:30 to 13:00

Number of participants: 15 Max

Final Meeting & Abgabe : 04.08.26 _ digital

T




4.58 Module component: Special Topics in Building Studies and Design [T-ARCH-108455]





Coordinators: Prof. Stéphanie Bru

Organisation: KIT Department of Architecture

Part of: [M-ARCH-104075 - Special Topics in Building Studies and Design](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Irregular	1

Courses					
WT 25/26	1710208	Hypercomfort: Anticipations, WIP Borderline(s) Investigation #02	2 SWS	Seminar / 	Bru, Brückner, Ingold
WT 25/26	1710209	Hypercomfort: About Typologies - Collective Catalog, Borderline Investigation #2	2 SWS	Seminar / 	Bru, Schneider, Amon, Brückner, Ingold, Kunkel
ST 2026	1710208	Building Studies and Design: Hypercomfort: Anticipations, WIP Borderline(s) Investigation #03	2 SWS	Seminar / 	Bru, Brückner, Ingold

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

Below you will find excerpts from courses related to this module component:

V


Hypercomfort: Anticipations, WIP Borderline(s) Investigation #02

1710208, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content


Hypercomfort


Anticipations  - WIP

Borderline(s) Investigation #02 

Seminar 2 constitutes an additional collective investigation undertaken within a smaller group of collaborators. The focus will be the east courtyard of the architecture faculty, examined as the site for a prospective pavilion. Following the dismantling of the previous structure, the seminar will seek to identify and interpret the evolving parameters that the patio reveals.

At every scale, constraints are accompanied by possibilities. A crack, a residue, a misalignment— each may be understood as an opening, a process which emphasizes opportunities. The seminar will be accompanied through a series of input sessions to enrich it's potential. Through collective exercises and discussions, a comprehensive understanding of context will be developed, both as a tool for anticipation and as an integral part of an ongoing design process

Language of Instruction: German/English 


Seminar: Wednesdays 09:45 - 11:15 Uhr  in R112 (GBL).


First meeting: 05.11.2025, R112

Dates in 2025: Wed 05.11.2025, Wed 12.11.2025, Wed 26.11.2025


Pin-up: 10.12.2025

In 2026 Block seminars after consultation with students (14 January 2026–4 March 2026)

Submission + Final Presentation: 04.03.2026 

Number of participants: 7 

Application: by Portfolio sent to stephanie.bru@kit.edu until Thursday, 29.10.2025 23:59 Uhr

Focus of study: Architectural and Cultural Heritage 

V

Hypercomfort: About Typologies - Collective Catalog, Borderline Investigation #2

1710209, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Seminars GBL Master (WS 25/26)

Hypercomfort

About Typologies - Collective Catalogue

Borderline(s) Investigation #02

This seminar focuses on the study of architectural typologies through criteria related to the issues of hypercomfort. The aim is to develop a critical methodology: identification of case studies, analysis of spatial and constructive systems, and the unveiling of underlying logics.

Plans will be systematically redrawn to enable comparative readings and to open the way for transversal deductions. The work will culminate in a collective catalogue, conceived both as an analytical tool and as a basis for questioning how architecture translates, produces, or subverts contemporary conditions of comfort.

Language of instruction: German/english

First Meeting: 29.10.25

Seminar: Wednesdays 09.45 - 11:15 am, R113, seminar room GBL

1. Meeting: 05.11.2025 (9.45, R113)

From 12.11.2025, every two weeks

Submission: 04.03.2026

Number of participants: 17

Focus of study: Architectural and Cultural Heritage

V

Building Studies and Design: Hypercomfort: Anticipations, WIP Borderline(s) Investigation #03

**Seminar (S)
On-Site**

1710208, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

Content

The seminar extends a collective inquiry initiated last semester. Building on research, accumulated knowledge and conceptual ideas from investigating plastics and lightweight structures in the previous semester, we develop an ephemeral structure for the east courtyard of the faculty. Through workshops, the project is framed as a precise negotiation between material performance, economy and context. Constraints become instruments. Existing conditions are not obstacles but active matter. With a performative and constructive rigor, we transform limitations, numbers and details into flourishing anticipations of transformation— a temporary architecture that tests structure, resource and atmosphere.

Project presentation: 13.04.2026 Seminarbasar

First meeting: TBD R112

Meetings: After consultation with students from the previous seminar

Submission + Final Presentation: TBD

Number of participants: 7, continuation from previous semester


Focus of study: Architectural and Cultural Heritage





T

4.59 Module component: Special Topics in Spatial Theory [T-ARCH-108453]

Coordinators: Prof. Marc Frohn
Organisation: KIT Department of Architecture
Part of: [M-ARCH-104074 - Special Topics in Spatial Theory](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Irregular	1

Courses					
ST 2026	1710104	Spatial Theory: ANATOMY OF A SCHOOL: Space, Pedagogy, Genealogy	2 SWS	Seminar / 	Frohn, Streicher

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

Below you will find excerpts from courses related to this module component:

V

Spatial Theory: ANATOMY OF A SCHOOL: Space, Pedagogy, Genealogy

1710104, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

From the Académie Royale to post-1968 experiments, architectural schools have continually redefined themselves—spatially, intellectually, experimentally.

From the classical atelier of the Académie des Beaux-Arts, to the specialized Bauhaus, to the open fields of Delft, the spatial organization of a school is never neutral. Pedagogy and space inform one another; they structure encounters and stage debates.

From Weinbrenner to Hübsch in Karlsruhe, Ungers to Koolhaas in Cornell, Zenghelis to Hadid in London, schools frame positions and host multiple genealogies.

Our seminar complements the master studio, inviting students to dissect a singular school, deep diving into what an architecture school was, is, and could be.

It traces historical and typological transformations, mapping genealogies and the interplay of space and teaching, producing insights that feed the studio and are collected in a zine.

First Meeting: 29.04.26

From: 11:30 to 13:00

Number of participants: 15 Max

Final Meeting & Abgabe : 04.08.26 _ digital

T

4.60 Module component: Special Topics of Art History 1 [T-ARCH-107413]

Coordinators: Studiendekan/in Kunstgeschichte
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103672 - Special Topics of Art History 1](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1741315	Art History: Mythology and Natural Philosophy in Early Modern Art	2 SWS	Seminar /	Muñoz Morcillo
WT 25/26	1741318	Art History: Photography and its Theories	2 SWS	Seminar /	Fiorentini Elsen
ST 2026	1741314	Art History: History Painting in the Early Modern Period	2 SWS	Seminar /	Papenbrock
ST 2026	1741321	Art History: Photo/Landscape. Documentation, Criticism, Aesthetics from the Beginnings to the Present Day	2 SWS	Seminar /	Fiorentini Elsen
ST 2026	1741322	Art History: Exhibition Stories/ Histories: Epoch-Making Art Exhibitions	2 SWS	Seminar /	Kelly
ST 2026	1741325	Art History: Painting meets photography: The work of artist Gerhard Richter	2 SWS	Seminar /	Fiorentini Elsen

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

Below you will find excerpts from courses related to this module component:

V

Art History: Mythology and Natural Philosophy in Early Modern Art

1741315, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

In early modern art, mythology and natural philosophy often merge into complex works in which new and old worldviews coexist. Mythological motifs unfold new political, social, and philosophical dimensions, while ancient natural philosophy comes into contact with new observations of nature. This is evidenced by allegorical works, mythological paintings, and landscape paintings, among other things. In this seminar, we will analyze these entanglements of myth and nature in the works of artists such as Benvenuto Cellini, Jan Brueghel the Elder and the Younger, Joachim von Sandrart, Claude Lorrain, Nicolas Poussin, Salvatore Rosa, Peter Paul Rubens, Rembrandt, Jacob van Ruisdael, or Giovanni Battista Tiepolo.

Appointment: Fri 11:30 - 1 pm, Bldg. 20.40, R124 FG KG

Submission/Exam: written elaboration, 31.03.2026

Number of Participants: 3

V

Art History: Photography and its Theories

1741318, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

By exploring selected texts, objects and ideas, we will question theories dealing with the significance of photography as both an image process and an image object. While the focus of the discussion will evolve throughout our work, we will always consider questions of objectivity and cognition, the reality and truthfulness of photographic technologies and images, and the social potential and artistic significance of photographic images. You can present and discuss during the seminar, and write your final thesis in English.

Appointment: Wed 9:45-11:15 am, Bldg. 20.40, R124 FG KG

Submission/Exam: written elaboration, 31.03.2026

Number of Participants: 5

Organizational issues

Die Teilnahme an der ersten und letzten Sitzung ist verpflichtend.
Attending the first and last sessions is mandatory!

**Art History: History Painting in the Early Modern Period**

1741314, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

In the early modern period, history painting was considered the most distinguished genre of painting. The genre included historical events as well as stories from the Bible or ancient mythology. In this seminar, selected history paintings from the 15th to the early 19th century will be presented, analyzed, and discussed from the perspective of their understanding of history.

Submission/Exam: written elaboration, 30.09.2026

Number of Participants: 3

**Art History: Photo/Landscape. Documentation, Criticism, Aesthetics from the Beginnings to the Present Day**

1741321, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

How do landscape and photography relate to each other? In this seminar, we will explore this question using landscape photography as an image practice and a genre that is difficult to define. We will examine which concepts are important for landscape photography (realism, reality, beauty?), which types of landscape photography exist, and in which fields landscape photography has an impact. We will evaluate phenomena of landscape photography in various image systems (in art and science, in the military, in travel and everyday culture...) and take as our working coordinates the documentary claim of landscape photography, its critical function, and its aesthetic statement. You can contribute in English (Abstract and presentation, discussion, and written paper)

Submission/Exam: written elaboration, 30.09.2026

Number of Participants: 3

Organizational issues

Die Teilnahme an der ersten Sitzung ist verpflichtend |

Attending the first session is mandatory!

**Art History: Exhibition Stories/Histories: Epoch-Making Art Exhibitions**

1741322, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

Exhibition venues and museums in Germany recorded 107.4 million visits in 2024 alone, (source: German Museums Association). But what does this encounter between art and the public actually look like? How do curators succeed in engaging visitors and sparking social discourse? What kind of strategies are executed, how much effort is involved, and which viewing habits are sometimes challenged or even disrupted in these exhibitions? Following a historical timeline – from established showcases such as the Paris Salon to scandal-provoking installations in contemporary exhibition practice, such as *documenta fifteen* – we will trace pioneering formats and their impact on the art world and art history.

Submission/Exam: written elaboration, 30.09.2026

Number of Participants: 3

**Art History: Painting meets photography: The work of artist Gerhard Richter**

1741325, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Through various groups of works, we learn about the career of artist Gerhard Richter, his motivation and intention, and the principles that guide his image production. Richter's idiosyncratic use of photographic techniques in his painting raises questions about the meaning of reality, objectivity, and history in Richter's images and pictorial processes, as well as his understanding of abstraction. It also raises questions about his conception of perception and sensation in relation to natural space as well as to the image. All of this has consequences for the political position of his art. You can contribute in English (discussion, abstract, presentation, written paper).

Submission/Exam: written elaboration, 30.09.2026

Number of Participants: 3

Organizational issues

Erste Sitzung ist Pflicht!

Attending the first session is mandatory!





T

4.61 Module component: Special Topics of Art History 2 [T-ARCH-107414]

Coordinators: Studiendekan/in Kunstgeschichte
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103673 - Special Topics of Art History 2](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1741315	Art History: Mythology and Natural Philosophy in Early Modern Art	2 SWS	Seminar / 	Muñoz Morcillo
WT 25/26	1741318	Art History: Photography and its Theories	2 SWS	Seminar / 	Fiorentini Elsen
ST 2026	1741314	Art History: History Painting in the Early Modern Period	2 SWS	Seminar / 	Papenbrock
ST 2026	1741321	Art History: Photo/Landscape. Documentation, Criticism, Aesthetics from the Beginnings to the Present Day	2 SWS	Seminar / 	Fiorentini Elsen
ST 2026	1741322	Art History: Exhibition Stories/ Histories: Epoch-Making Art Exhibitions	2 SWS	Seminar / 	Kelly
ST 2026	1741325	Art History: Painting meets photography: The work of artist Gerhard Richter	2 SWS	Seminar / 	Fiorentini Elsen

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

Below you will find excerpts from courses related to this module component:

V

Art History: Mythology and Natural Philosophy in Early Modern Art

1741315, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

In early modern art, mythology and natural philosophy often merge into complex works in which new and old worldviews coexist. Mythological motifs unfold new political, social, and philosophical dimensions, while ancient natural philosophy comes into contact with new observations of nature. This is evidenced by allegorical works, mythological paintings, and landscape paintings, among other things. In this seminar, we will analyze these entanglements of myth and nature in the works of artists such as Benvenuto Cellini, Jan Brueghel the Elder and the Younger, Joachim von Sandrart, Claude Lorrain, Nicolas Poussin, Salvatore Rosa, Peter Paul Rubens, Rembrandt, Jacob van Ruisdael, or Giovanni Battista Tiepolo.

Appointment: Fri 11:30 - 1 pm, Bldg. 20.40, R124 FG KG

Submission/Exam: written elaboration, 31.03.2026

Number of Participants: 3

V

Art History: Photography and its Theories

1741318, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

By exploring selected texts, objects and ideas, we will question theories dealing with the significance of photography as both an image process and an image object. While the focus of the discussion will evolve throughout our work, we will always consider questions of objectivity and cognition, the reality and truthfulness of photographic technologies and images, and the social potential and artistic significance of photographic images. You can present and discuss during the seminar, and write your final thesis in English.

Appointment: Wed 9:45-11:15 am, Bldg. 20.40, R124 FG KG

Submission/Exam: written elaboration, 31.03.2026

Number of Participants: 5

Organizational issues

Die Teilnahme an der ersten und letzten Sitzung ist verpflichtend.
Attending the first and last sessions is mandatory!

**Art History: History Painting in the Early Modern Period**

1741314, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

In the early modern period, history painting was considered the most distinguished genre of painting. The genre included historical events as well as stories from the Bible or ancient mythology. In this seminar, selected history paintings from the 15th to the early 19th century will be presented, analyzed, and discussed from the perspective of their understanding of history.

Submission/Exam: written elaboration, 30.09.2026

Number of Participants: 3

**Art History: Photo/Landscape. Documentation, Criticism, Aesthetics from the Beginnings to the Present Day**

1741321, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

How do landscape and photography relate to each other? In this seminar, we will explore this question using landscape photography as an image practice and a genre that is difficult to define. We will examine which concepts are important for landscape photography (realism, reality, beauty?), which types of landscape photography exist, and in which fields landscape photography has an impact. We will evaluate phenomena of landscape photography in various image systems (in art and science, in the military, in travel and everyday culture...) and take as our working coordinates the documentary claim of landscape photography, its critical function, and its aesthetic statement. You can contribute in English (Abstract and presentation, discussion, and written paper)

Submission/Exam: written elaboration, 30.09.2026

Number of Participants: 3

Organizational issues

Die Teilnahme an der ersten Sitzung ist verpflichtend |

Attending the first session is mandatory!

**Art History: Exhibition Stories/Histories: Epoch-Making Art Exhibitions**

1741322, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

Exhibition venues and museums in Germany recorded 107.4 million visits in 2024 alone, (source: German Museums Association). But what does this encounter between art and the public actually look like? How do curators succeed in engaging visitors and sparking social discourse? What kind of strategies are executed, how much effort is involved, and which viewing habits are sometimes challenged or even disrupted in these exhibitions? Following a historical timeline – from established showcases such as the Paris Salon to scandal-provoking installations in contemporary exhibition practice, such as *documenta fifteen* – we will trace pioneering formats and their impact on the art world and art history.

Submission/Exam: written elaboration, 30.09.2026

Number of Participants: 3

**Art History: Painting meets photography: The work of artist Gerhard Richter**

1741325, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Through various groups of works, we learn about the career of artist Gerhard Richter, his motivation and intention, and the principles that guide his image production. Richter's idiosyncratic use of photographic techniques in his painting raises questions about the meaning of reality, objectivity, and history in Richter's images and pictorial processes, as well as his understanding of abstraction. It also raises questions about his conception of perception and sensation in relation to natural space as well as to the image. All of this has consequences for the political position of his art. You can contribute in English (discussion, abstract, presentation, written paper).

Submission/Exam: written elaboration, 30.09.2026

Number of Participants: 3

Organizational issues

Erste Sitzung ist Pflicht!

Attending the first session is mandatory!

T

4.62 Module component: Special Topics of Building Lifecycle Management 1 [T-ARCH-107397]

Coordinators: Prof. Dr.-Ing. Petra von Both
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103654 - Special Topics of Building Lifecycle Management 1](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1720708	Sondergebiete BLM: BIM - Introduction to the Principles	2 SWS	Seminar /	von Both, Sartorius, Schöner
ST 2026	1720709	Research seminar: Artificial Intelligence in Architecture (von Both)	4 SWS	Lecture / Practice /	von Both, Koch
ST 2026	1720710	Sondergebiete BLM: BIM - Introduction to the Principles (von Both)	2 SWS	Seminar /	von Both, Sartorius, Schöner

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

Below you will find excerpts from courses related to this module component:

V

Sondergebiete BLM: BIM - Introduction to the Principles

1720708, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

Five good reasons why architects should develop their plans not only in 3D but also in accordance with BIM are:

- Time savings when drawing,
- Error prevention,
- Transparency in planning,
- Cross-program and cross-trade interoperability of building models
- and simplifying communication with project participants.

This course offers a practical introduction with supplementary theoretical content on BIM methodology. You will learn what is essential as a BIM coordinator and accompany a BIM-compliant project development up to "Leistungsphase 6".

Weekly assignments ensure continuous consolidation of the content and enable a structured, practice-oriented learning approach.

Requirements for participation are: An MS Teams university account and the current version of ARCHICAD. Schedule: Weekly 1.5-hour lecture.

Examination of another kind

Requirements for participation are: An MS Teams university account and the current version of ARCHICAD.

Schedule: Weekly 1.5-hour lecture.

Regular Dates: Mondays 11:30 am - 1:00 pm, Geb. 20.21 K-Pool

First Appointment: Monday, 27.10.2025, 11:30-13:00 Uhr, Geb. 20.21 K-Pool

Examination Date: Tuesday, 2026/03/02

Organizational issues

Master

V

Research seminar: Artificial Intelligence in Architecture (von Both)

1720709, SS 2026, 4 SWS, Language: German/English, [Open in study portal](#)

Lecture / Practice (VÜ)
On-Site

Content

Artificial intelligence is fundamentally changing architecture—far beyond image-generating tools. The seminar systematically examines how AI can be used in all phases of planning, construction, and use: from design and simulation to cost forecasting, scheduling, and construction supervision to operation, maintenance, and circular material assessment. The aim of the seminar is to conduct in-depth research into the current state of applications and their precise classification in the real processes of architecture. Participants analyse existing tools, identify potential and limitations, and use this information to develop a structured application catalogue with concrete examples.

First appointment: Mo 20.04.2026, 15:30 p.m., Presence, Seminarroom BLM

Regular appointments: Mondays, 15:45 -17:15 p.m., according to agreement; Presence Seminarroom BLM

Supervisions: Tuesdays, 10:00 - 11:30 a.m., Seminarroom BLM

Exam: Monday, 05.08.2026, 15:45 p.m., Examination of another type

Number of Participants: 10

V

Sondergebiete BLM: BIM - Introduction to the Principles (von Both)

1720710, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

This course focuses on project management with BIM. It offers a practical introduction with supplementary theoretical content on BIM methodology. You will learn what the tasks of a BIM coordinator are and accompany a BIM-compliant project development with the help of a common data environment (CDE). You will learn what is important in BIM methodology beyond the 3D model and develop practical structures that serve as guidelines for the BIM modellers (architects, building services engineers, structural engineers) of a project. You will also learn about the advantages of a BIM-compliant model using practical examples, create collision checks based on several IFC files (finished BIM models), document planning errors to be corrected by the modellers and derive quantities for the tender.

Weekly assignments ensure continuous consolidation of the content and enable a structured, practice-oriented learning approach.

Requirements for participation are: An MS Teams university account.

Schedule: Weekly 1.5-hour lecture, Presence/ Online

Regular Dates: Mondays 11:30 am - 1:00 pm, **Geb. 20.21 Raum E-Pool/** Online MS Teams

First Appointment: Monday, 2026/04/20, 11:30-13:00 Uhr, **Geb. 20.21 Raum E-Pool**

Examination Date: Monday, 2026/08/10, Examination of another type

Organizational issues




Master





T

4.63 Module component: Special Topics of Building Lifecycle Management 2 [T-ARCH-107398]

Coordinators: Prof. Dr.-Ing. Petra von Both
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103655 - Special Topics of Building Lifecycle Management 2](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1720708	Sondergebiete BLM: BIM - Introduction to the Principles	2 SWS	Seminar / 	von Both, Sartorius, Schöner
ST 2026	1720709	Research seminar: Artificial Intelligence in Architecture (von Both)	4 SWS	Lecture / Practice / 	von Both, Koch
ST 2026	1720710	Sondergebiete BLM: BIM - Introduction to the Principles (von Both)	2 SWS	Seminar / 	von Both, Sartorius, Schöner

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

Below you will find excerpts from courses related to this module component:

V

Sondergebiete BLM: BIM - Introduction to the Principles

1720708, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

Five good reasons why architects should develop their plans not only in 3D but also in accordance with BIM are:

- Time savings when drawing,
- Error prevention,
- Transparency in planning,
- Cross-program and cross-trade interoperability of building models
- and simplifying communication with project participants.

This course offers a practical introduction with supplementary theoretical content on BIM methodology. You will learn what is essential as a BIM coordinator and accompany a BIM-compliant project development up to "Leistungsphase 6".

Weekly assignments ensure continuous consolidation of the content and enable a structured, practice-oriented learning approach.

Requirements for participation are: An MS Teams university account and the current version of ARCHICAD. Schedule: Weekly 1.5-hour lecture.

Examination of another kind

Requirements for participation are: An MS Teams university account and the current version of ARCHICAD.

Schedule: Weekly 1.5-hour lecture.

Regular Dates: Mondays 11:30 am - 1:00 pm, Geb. 20.21 K-Pool

First Appointment: Monday, 27.10.2025, 11:30-13:00 Uhr, Geb. 20.21 K-Pool

Examination Date: Tuesday, 2026/03/02

Organizational issues

Master

V

Research seminar: Artificial Intelligence in Architecture (von Both)

1720709, SS 2026, 4 SWS, Language: German/English, [Open in study portal](#)

Lecture / Practice (VÜ)
On-Site

Content

Artificial intelligence is fundamentally changing architecture—far beyond image-generating tools. The seminar systematically examines how AI can be used in all phases of planning, construction, and use: from design and simulation to cost forecasting, scheduling, and construction supervision to operation, maintenance, and circular material assessment. The aim of the seminar is to conduct in-depth research into the current state of applications and their precise classification in the real processes of architecture. Participants analyse existing tools, identify potential and limitations, and use this information to develop a structured application catalogue with concrete examples.

First appointment: Mo 20.04.2026, 15:30 p.m., Presence, Seminarroom BLM

Regular appointments: Mondays, 15:45 -17:15 p.m., according to agreement; Presence Seminarroom BLM

Supervisions: Tuesdays, 10:00 - 11:30 a.m., Seminarroom BLM

Exam: Monday, 05.08.2026, 15:45 p.m., Examination of another type

Number of Participants: 10

V

Sondergebiete BLM: BIM - Introduction to the Principles (von Both)

1720710, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

This course focuses on project management with BIM. It offers a practical introduction with supplementary theoretical content on BIM methodology. You will learn what the tasks of a BIM coordinator are and accompany a BIM-compliant project development with the help of a common data environment (CDE). You will learn what is important in BIM methodology beyond the 3D model and develop practical structures that serve as guidelines for the BIM modellers (architects, building services engineers, structural engineers) of a project. You will also learn about the advantages of a BIM-compliant model using practical examples, create collision checks based on several IFC files (finished BIM models), document planning errors to be corrected by the modellers and derive quantities for the tender.

Weekly assignments ensure continuous consolidation of the content and enable a structured, practice-oriented learning approach.

Requirements for participation are: An MS Teams university account.

Schedule: Weekly 1.5-hour lecture, Presence/ Online

Regular Dates: Mondays 11:30 am - 1:00 pm, **Geb. 20.21 Raum E-Pool/** Online MS Teams

First Appointment: Monday, 2026/04/20, 11:30-13:00 Uhr, **Geb. 20.21 Raum E-Pool**

Examination Date: Monday, 2026/08/10, Examination of another type

Organizational issues

Master

T

4.64 Module component: Special Topics of Building Technology [T-ARCH-107395]

Coordinators: Prof. Moritz Dörstelmann
 Prof.Dipl.-Ing. Dirk Hebel
 TT-Prof. Florian Kaiser
 Prof. Andrea Klinge
 Prof. Dr.-Ing. Riccardo La Magna
 Prof. Dennis Müller
 Prof. Dr.-Ing. Peter Schossig
 Prof. Dr.-Ing. Petra von Both

Organisation: KIT Department of Architecture

Part of: [M-ARCH-103652 - Special Topics of Building Technology](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1720981	Research Seminar: Reuse Relearn Recharge	2 SWS	Seminar /	Wagner, Kaul, Mann
WT 25/26	1720990	Technologies for Climate-friendly Buildings and Neighborhoods	2 SWS	Seminar /	Schossig
ST 2026	1720654	Special Topics of Building Technology: timber.matters – Reuse process chains	2 SWS	Seminar /	Kaiser, Büchle
ST 2026	1720850	Professional Detailed Planning	2 SWS	Block /	Zöller
ST 2026	1720977	Research Fields: Faculty of Architecture Reloaded	2 SWS	Seminar /	Wagner, Kaul
ST 2026	1720990	Special Topics of Building Technology: How to Make the Change of the Way we Heat a Success?	2 SWS	Seminar /	Schossig

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

Below you will find excerpts from courses related to this module component:

V

Research Seminar: Reuse Relearn Recharge

1720981, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In this collaborative seminar, we will design a sustainable, low-threshold outdoor workspace and lounge area. The goal is to create a usable prototype that brings together design, technical aspects and circular construction methods – selection of suitable materials and dismantlability/reusability. Another focus is on usage-related comfort criteria for working outdoors. The outdoor workspace, with a maximum volume of 30 m³, will serve as a “third place” and is designed to allow laptops to be powered via a stand-alone photovoltaic system. The seminar is offered in conjunction with an accompanying impromptu design at the Chair of Sustainable Construction. The plan is to realise this as a 1:1 demonstrator in the summer semester of 2026.

Appointment: Mo. 03:45 PM - 05:15 PM, 20.40, R 240

First meeting: 27.10.2025, 03:45 PM, R 240

Submission/Exam: 09.02.2026

Number of Participants: 12

V

Technologies for Climate-friendly Buildings and Neighborhoods

1720990, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The supply of heating energy to buildings is still the dominant influence on the CO₂ balance of the built environment. In order to achieve the climate target of a climate-neutral building sector, the heat supply in particular must change. The lecture will introduce the students to different technologies and enable them to compare them. The focus will be on heating networks and heat pumps, from source availability to rough pre-dimensioning. The course will conclude with an excursion to an example district.

Regular date: Fri 11.30-13.00 hrs,

1st date: Friday 05.04.2025, 11.30 a.m.

oral exam: 27.03.2026

Number of participants: 20

**Special Topics of Building Technology: timber.matters – Reuse process chains**

1720654, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The construction sector faces the challenge of not only reducing material flows, but closing them in a planned and reliable way. Especially with timber, reuse often fails less because of the material itself than because of a lack of process certainty. The seminar “timber.matters - Reuse process chains” advances the thesis that circular construction can only become scalable if pre-use and post-use phases are understood as a plannable component of architectural practice.

Within the seminar, a digital component catalogue is developed from real source objects, ranging from on-site documentation in the existing condition to a robust assessment of availability and potential for reuse. Building on this, the reuse process chain is specified and translated into practical tools such as documentation and evaluation routines. The seminar is conducted by Baukreisel e.V. and is complemented by input and exchange with practice partners from different disciplines.

1st. Meeting: 24.04.2026, 09:45 – 13:00

Dates: 08.05./22.05./19.06./03.07./16.07.

Time: 09:45 – 13:00

Deconstruction site excursion: in calendar week 24.

Submission/Presentation: 19.08.2026

**Professional Detailed Planning**

1720850, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Block (B)
On-Site**

Content

The course explains the most important principles and rules for detailed planning, discusses them using practical examples and reinforces them with exercises:

Application of technical rules, moisture protection for components in contact with the ground through sealing or concrete, flat and pitched roofs, inverted roof insulation, special features of wooden roofs, barrier-free door thresholds, moisture protection for basements and roofs in existing buildings.

The course is offered in 5 daily blocks.

First meeting: 07.08.2026

Examination: 21.08.2026

Number of participants: 25

Dates: Fri 7.08., Mon 10.08., Wed 12.08., Fri 14 .08., Mon 17.08., from 9:30 a.m. to 5:00 p.m.

Focus of Study: Building Technology

**Research Fields: Faculty of Architecture Reloaded**

1720977, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

What spatial and technical requirements does a building need to meet in order to provide contemporary architectural education—both now and in the future? Against this background, the faculty is investigating the extent to which building 20.40 would have to be transformed for this purpose as part of several master design studios and is examining whether and with what changes the Physics Tower (30.23) would also be a viable option for the Faculty of Architecture. In our seminar accompanying the design studios, we analyze the existing building fabric and technical building equipment and use this as a basis to develop conceptual solutions for both the building physics upgrading and for innovative building technology.

Mo. 20.04.2026 15:45 PM - 17:15PM R. 240

Examination: 20.07.2026

Number of Participants: 10


V

Special Topics of Building Technology: How to Make the Change of the Way we Heat a Success?

**Seminar (S)
On-Site**

1720990, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Content

The coming years will determine whether we can reduce the CO₂ emissions caused by building heating quickly enough to achieve our climate goals. This seminar aims to teach the basics of actively shaping the heat transition and to be able to evaluate the various options under consideration. Solutions will be considered both at the level of individual buildings and at the district level. Practical solution examples will be developed and compared, and demo buildings/districts will be visited as part of an excursion.

Regular date: Fri 11.30-13.00 hrs,

1st date: Friday 24.04.2026, 11.30 a.m.

Number of participants: 12

The exam will be in the form of a presentation of the group results during the semester

T

4.65 Module component: Special Topics of Communication of Architecture [T-ARCH-107394]





Coordinators: Prof. Dr. Riklef Rambow

Organisation: KIT Department of Architecture

Part of: [M-ARCH-103651 - Special Topics of Communication of Architecture](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each term	1

Courses					
ST 2026	1710452	a*komm on-site: Paris. The Image of a City (with Excursion)	2 SWS	Seminar / 	Rambow, Kosenina

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

Below you will find excerpts from courses related to this module component:

V

a*komm on-site: Paris. The Image of a City (with Excursion)

1710452, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The city of Paris has it all: it is the epitome of a European metropolis, a hub of political, economic, and cultural power and significance. It boasts an architectural heritage of overwhelming diversity and quality, but is still the birthplace of revolutions, innovations, and avant-garde movements. Paris faces enormous challenges in terms of housing supply, environmentally friendly mobility, and social justice, which can only be tackled by a determination to engage in constant renewal. In the seminar, we will analyze the contributions that architecture and urban planning make to these developments, both theoretically and through examples. On the excursion, we will physically and sensually immerse ourselves in the vibrant image of a city that is Paris.

The excursion to Paris is an essential part of the course. The organisation of travel and accommodation will be supported. Total costs of approx. 500 euros are to be expected.

Excursion: Paris, probably 28.09.–01.10.2026

Submission/Exam: 01.10.2026

Number of Participants: max. 25

Focus of Study: Architectural and Cultural Heritage

T

4.66 Module component: Special Topics of Construction Planning Law [T-ARCH-107436]





Coordinators: Dr. Holger Fahl

Organisation: KIT Department of Architecture

Part of: [M-ARCH-103688 - Special Topics of Construction Planning Law](#)

Type	Credits	Grading	Term offered	Version
Written examination	4 CP	Graded	Each winter term	1

Courses					
WT 25/26	1731191	Special Topics of construction planning law	2 SWS	Seminar / 	Fahl

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

Below you will find excerpts from courses related to this module component:

V

Special Topics of construction planning law

1731191, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The practice-oriented repetition and consolidation looks at various key aspects of construction and architectural law based on current supreme court and higher court decisions. As far as time permits, participation in a hearing of a building chamber at the regional court is offered.

We strongly recommend that you purchase the latest edition of the Beck texts and bring them with you to the lecture:

- Bürgerliches Gesetzbuch: mit Allgemeinem Gleichbehandlungsgesetz, Produkthaftungsgesetz, Wohnungseigentumsgesetz, Beurkundungsgesetz und Erbbaurechtsgesetz (Beck-Texte im dtv)
- VOB / BGB / HOAI: Vergabe- und Vertragsordnung für Bauleistungen Teil A und B / Bauvertrag §§ 650 a-v / Verordnung über Honorare für Leistungen der Architekten und der Ingenieure (Beck-Texte im dtv)

1.meeting: Mon 27.10.2025

Exam date:

T

4.67 Module component: Special Topics of Design Theory [T-ARCH-107384]

Coordinators: Prof. Simon Hartmann
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103640 - Special Topics of Design Theory](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each term	1

Courses					
WT 25/26	1710308	Design Theory: Co-Teaching	2 SWS	Seminar /	Hartmann, Zucchello
WT 25/26	1710309	Design Theory: STARTING FROM SESC POMPÉIA	2 SWS	Seminar /	Santana
ST 2026	1710307	Design Theory: Alternative histories for KIT Campus	2 SWS	Seminar /	Hartmann, Kadid, Coricelli, Vansteenkiste, Zucchello, Giubbini

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

Assessment

Other examination requirement which is undertaken in a format dependent upon the posted topic, e.g. in the form of an oral presentation, composition, plans or models.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Design Theory: Co-Teaching

1710308, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The contents and methods of learning and teaching are in constant evolution. Universities have always been more diverse about knowledge transfer than the cliché of top down ex cathedra courses. The seminar Co-Teaching will map the teaching done by students at KIT, research about co-teaching methods within other learning environments and eventually propose new formats for the architecture faculty of KIT. The seminar specifically fosters the participation of students who participated in co-teaching formats in the role of student or HiWi.

Appointment: Wednesday, 10 AM -1 PM each second week

First meeting: 29.10.2025, at 10.00 AM, Geb. 20.40 R204

Submission/ Exam: tbd

V

Design Theory: STARTING FROM SESC POMPÉIA

1710309, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In 1977, Lina Bo Bardi began turning an old metal factory into SESC Pompéia—a typology for leisure, culture, and community well-being. Today, SESC has 600+ units across Brazil; its singular institutional model helps explain this reach, but not alone. The seminar aims to explore the influences that led to the creation of SESC Pompéia, its impact on subsequent SESC buildings, the architect's role, and the ongoing expansion of SESC Pompeia's global influence as a leading architectural reference. We will map parallels with “Workers Clubs,” “Maisons du Peuple”, “Dom Kulture”, “Kulturhus”. Framing architecture as an expanded, networked practice, our methodology expands from understanding singular projects within broader political, temporal, and typological constellations. We will develop tools for architectural research that embrace multiplicity—questioning not merely what buildings are, but how they evolve, who inhabits them, and why some endure while others fail.

Appointment: : Wednesday, 9:30 AM -1 PM each second week

First meeting: 05.11.2025, at 9.30 AM, Geb. 20.40 R221

Submission/ Exam: 04.03.2026

Number of participants: 16

Form: Individual work and group work

**Design Theory: Alternative histories for KIT Campus**

1710307, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The KIT Campus evolved through multiple planning phases rather than a single design. Early plans followed a quasi-military order with strong axes, and circulation not intended for cars, later altered by historical development that disrupted symmetry and introduced new spatial logics. Through the study of typology, construction and expression students will analyze how individual buildings embody particular conceptual visions resulting in a campus that today appears as a layered field of competing intentions rather than a unified design. The seminar investigates what kind of future these architects originally imagined and explores speculative scenarios in which these visions continued to shape the campus. By comparing intended concepts with the campus as it exists today, the course develops alternative interpretations of its architectural and institutional history.

Appointment: Wednesday, every two weeks

First meeting: 29.04.2026 at 10.30h, R 221 20.40

Number of Participants: Maximum 16



Final Presentation: 06.08.2026





Output: Group and Individual work

T

4.68 Module component: Special Topics of Digital Design and Fabrication [T-ARCH-111791]**Coordinators:** Prof. Moritz Dörstelmann**Organisation:** KIT Department of Architecture**Part of:** [M-ARCH-105858 - Selected Topics of Digital Design and Fabrication](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1720807	Digital Design and Fabrication with Reclaimed Timber (Dörstelmann)	4 SWS	Seminar / 	Dörstelmann, Zanetti, Fischer
WT 25/26	1720808	Urban PopUp Fabrication – Co-Creating Digitally Enabled Earth-Based Building Systems in Ghana	4 SWS	Seminar / 	Dörstelmann, Feldmann, Fuentes Quijano

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

Other examination requirements based on a final presentation.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Digital Design and Fabrication with Reclaimed Timber (Dörstelmann)1720807, WS 25/26, 4 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

The seminar 'Digital Design and Fabrication with Reclaimed Timber' provides insights into digital design and automated robotic fabrication processes using reclaimed timber from various sources.

With the help of computer-aided models and the application of modern technology, residual timber is (re)used to enable circular and resource-efficient architecture.

During the seminar, students work both on the digital design model and hands-on with the material wood, gaining insights into automated robotic fabrication.

The seminar aims to design large-scale load-bearing frame components to be prototyped at 1:1 scale.

01.10.25 - 13.03.2026

Number of Participants: 12

Submission/exam: 13.03.2026

Place: DDF_Lab, Hardeckstraße 2a

A proficient command of Rhino3D and Grasshopper is required.

V

Urban PopUp Fabrication – Co-Creating Digitally Enabled Earth-Based Building Systems in Ghana1720808, WS 25/26, 4 SWS, Language: English, [Open in study portal](#)**Seminar (S)
On-Site**

Content

Following the successful launch of our Ghanaian–German teaching collaboration and the construction of the RENABUMA research demonstrator (Kumasi, September 2025), a further seminar builds on the outcomes of our ongoing cooperation with Kwame Nkrumah University of Science and Technology (KNUST).

The seminar focuses on digital prefabrication technologies for multi-storey residential buildings based on bamboo–earth hybrid construction. This approach is explored as a sustainable and circular building strategy with the potential to mitigate the climate impacts of rapid urbanisation in Ghana and the wider sub-Saharan context.

Starting from the specific socio-economic and climatic conditions, the seminar investigates architectural strategies and the material potential for ecological construction and sustainable housing. Particular emphasis is placed on resilience, thermal and spatial comfort, and the adaptability of building systems.

First meeting: 30.10.2025 (Building 20.40, room 133)

Midterm: 18.12.2025

Final presentation: 29.01.2026

Teamwork

No prior knowledge needed.

T

4.69 Module component: Special Topics of Fine Arts 1 [T-ARCH-107390]

Coordinators: Prof. Stephen Craig
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103647 - Special Topics of Fine Arts 1](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each term	1

Courses					
WT 25/26	1710367	Fine Arts: Colours of the Day-The last One	4 SWS	Seminar /	Craig
WT 25/26	1710369	Fine Arts: Repetition as a Form of Change – Copying and Quoting in Art	4 SWS	Seminar /	Craig, Mühlen
WT 25/26	1710371	Fine Arts: round table: It's me - self-portrait through the ages	4 SWS	Seminar /	Craig, Okujeni
ST 2026	1710365	Fine Arts: #Tea Ceremony Solar: Performative Ceramics, Tea and Text	4 SWS	Seminar /	Craig, Schelble
ST 2026	1710367	Fine Arts: Fresh air drawing Foot walk diaries	4 SWS	Seminar /	Craig

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

Below you will find excerpts from courses related to this module component:

V

Fine Arts: Colours of the Day-The last One

1710367, WS 25/26, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

We will be drawing and painting. Mostly painting (for example oil on canvas). Trying out various technical methods. Attempting to follow up on the participants individual ideas. Colour /light, observation / perception. Reflecting on the notion of what it means to paint. What painting is and can be.

Appointment: Mo. 9:45 AM - 01:00 PM, 20.40 R204 FG BK

First meeting: Monday, 27.10.2025, 9:45 Uhr, 20.40 R204 FG BK

Submission / Exam:

Number of participants: 12+3 Erasmus

V

Fine Arts: Repetition as a Form of Change – Copying and Quoting in Art

1710369, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Starting from strategies like sampling, covering, and copying, we explore the works of our favorite artists in this seminar. We practice closely observing their works, learning methods, techniques, and motifs through repetition, playfully altering them, and transferring them into new contexts. We use imitation as the starting point for our learning process and as a way to engage with questions about originality. Over the course of the seminar, we develop our own works that blend subtly into the artists' oeuvre – as continuations or homages. The medium (painting, sculpture, photography, video, installation, performance, etc.) is freely chosen. The final presentation takes place as a group exhibition.

Mon, 2-5:15 pm - 1 pm, 27.10.2025

Room 204 / Drawing Room

Number of Participants: 7 MA

Language: german



Fine Arts: round table: It's me - self-portrait through the ages

1710371, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The face you can never see with your own eyes is your own.

Over the course of time, the self-portrait has always provided information about the state of art and the self-perception of the individual. In this practice-oriented seminar, we will approach this topic using various artistic means of expression.

We will reflect on historical examples of self-portraiture and work our way through time using different techniques. Pencil, charcoal and various printing techniques will be used to explore different possibilities of self-portraiture.

There is a maximum cost of €50 for the seminar. Existing material can also be used.

Regular date: Wednesday, 8:30-11:30 am, 20.40 R204 Drawingroom

1st meeting: 29.10.2026

Number of participants: 10 Master

Submission / examination: 11.02.2026



Fine Arts: #Tea Ceremony Solar: Performative Ceramics, Tea and Text

1710365, SS 2026, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In the seminar/exercise #Tea Ceremony Solar: Performative Ceramics, Tea and Text, students will experiment artistically with the production of ceramic tea objects, the writing of poetic texts and the staging of performative gatherings. Asian tea rituals and Masuro Emoto's hypotheses on the storage of ideas in water provide an aesthetic and conceptual starting point. Participants will reflect, make pottery, write, read aloud, moderate, cook, eat, dig and plant. In this context, various designs for solar kettles will also be created, built and tested in a workshop with HFG teachers and students.

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

Regular date Fridays: 10:00-13:00

Start of seminar: Friday, 24.04.2026, 10:30-13:00, 20.40, R204

Submission / examination: 31.07.2026, 10:00-12:00 20.40, R204

Maximum 4 students



Fine Arts: Fresh air drawing Foot walk diaries

1710367, SS 2026, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

With the observation of our every day world begins a process of reflection and visualization. Through a row of sketches and drawings combined with short written descriptions we begin an intensive exploration of the city of Karlsruhe. In the time period of one semester, the exercise involves filling up some DIN A4 sketch pads. Personal impressions of city life are to be documented. In a similar manner to that of a picture book diary, a narrative begins to occur.

Every participant will be given a small perspex glass plate, DIN A4, which he/she can keep with them for the duration of the course. This plate will serve as a very simple additional drawing support mechanism.

Appointment: Monday 9:45 AM - 1:00 PM

First meeting: 21.04.2026

Submission/ Exam:

Number of participants: 12 + 3 Erasmus

T

4.70 Module component: Special Topics of Fine Arts 2 [T-ARCH-107391]

Coordinators: Prof. Stephen Craig
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103648 - Special Topics of Fine Arts 2](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each term	1

Courses					
WT 25/26	1710367	Fine Arts: Colours of the Day-The last One	4 SWS	Seminar /	Craig
WT 25/26	1710369	Fine Arts: Repetition as a Form of Change – Copying and Quoting in Art	4 SWS	Seminar /	Craig, Mühlen
WT 25/26	1710371	Fine Arts: round table: It's me - self-portrait through the ages	4 SWS	Seminar /	Craig, Okujeni
ST 2026	1710365	Fine Arts: #Tea Ceremony Solar: Performative Ceramics, Tea and Text	4 SWS	Seminar /	Craig, Schelble
ST 2026	1710367	Fine Arts: Fresh air drawing Foot walk diaries	4 SWS	Seminar /	Craig

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

Below you will find excerpts from courses related to this module component:

V

Fine Arts: Colours of the Day-The last One

1710367, WS 25/26, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

We will be drawing and painting. Mostly painting (for example oil on canvas). Trying out various technical methods. Attempting to follow up on the participants individual ideas. Colour /light, observation / perception. Reflecting on the notion of what it means to paint. What painting is and can be.

Appointment: Mo. 9:45 AM - 01:00 PM, 20.40 R204 FG BK

First meeting: Monday, 27.10.2025, 9:45 Uhr, 20.40 R204 FG BK

Submission / Exam:

Number of participants: 12+3 Erasmus

V

Fine Arts: Repetition as a Form of Change – Copying and Quoting in Art

1710369, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Starting from strategies like sampling, covering, and copying, we explore the works of our favorite artists in this seminar. We practice closely observing their works, learning methods, techniques, and motifs through repetition, playfully altering them, and transferring them into new contexts. We use imitation as the starting point for our learning process and as a way to engage with questions about originality. Over the course of the seminar, we develop our own works that blend subtly into the artists' oeuvre – as continuations or homages. The medium (painting, sculpture, photography, video, installation, performance, etc.) is freely chosen. The final presentation takes place as a group exhibition.

Mon, 2-5:15 pm - 1 pm, 27.10.2025

Room 204 / Drawing Room

Number of Participants: 7 MA

Language: german



Fine Arts: round table: It's me - self-portrait through the ages

1710371, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The face you can never see with your own eyes is your own.

Over the course of time, the self-portrait has always provided information about the state of art and the self-perception of the individual. In this practice-oriented seminar, we will approach this topic using various artistic means of expression.

We will reflect on historical examples of self-portraiture and work our way through time using different techniques. Pencil, charcoal and various printing techniques will be used to explore different possibilities of self-portraiture.

There is a maximum cost of €50 for the seminar. Existing material can also be used.

Regular date: Wednesday, 8:30-11:30 am, 20.40 R204 Drawingroom

1st meeting: 29.10.2026

Number of participants: 10 Master

Submission / examination: 11.02.2026



Fine Arts: #Tea Ceremony Solar: Performative Ceramics, Tea and Text

1710365, SS 2026, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In the seminar/exercise #Tea Ceremony Solar: Performative Ceramics, Tea and Text, students will experiment artistically with the production of ceramic tea objects, the writing of poetic texts and the staging of performative gatherings. Asian tea rituals and Masuro Emoto's hypotheses on the storage of ideas in water provide an aesthetic and conceptual starting point. Participants will reflect, make pottery, write, read aloud, moderate, cook, eat, dig and plant. In this context, various designs for solar kettles will also be created, built and tested in a workshop with HFG teachers and students.

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

Regular date Fridays: 10:00-13:00

Start of seminar: Friday, 24.04.2026, 10:30-13:00, 20.40, R204

Submission / examination: 31.07.2026, 10:00-12:00 20.40, R204

Maximum 4 students



Fine Arts: Fresh air drawing Foot walk diaries

1710367, SS 2026, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

With the observation of our every day world begins a process of reflection and visualization. Through a row of sketches and drawings combined with short written descriptions we begin an intensive exploration of the city of Karlsruhe. In the time period of one semester, the exercise involves filling up some DIN A4 sketch pads. Personal impressions of city life are to be documented. In a similar manner to that of a picture book diary, a narrative begins to occur.

Every participant will be given a small perspex glass plate, DIN A4, which he/she can keep with them for the duration of the course. This plate will serve as a very simple additional drawing support mechanism.

Appointment: Monday 9:45 AM - 1:00 PM

First meeting: 21.04.2026

Submission/ Exam:

Number of participants: 12 + 3 Erasmus

T

4.71 Module component: Special Topics of History of Architecture [T-ARCH-111796]

Organisation: KIT Department of Architecture

Part of: M-ARCH-105863 - Special Topics of History of Architecture

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1741382	History of Construction Technology: History of Architecture/Urban Planning: From Log Construction to Half-Timbering: Wooden Construction in the Middle Ages	2 SWS	Seminar / 🎤	Medina Warmburg, Brehm
WT 25/26	1741383	Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Rheinhafen Karlsruhe	2 SWS	Seminar / 🎤	Medina Warmburg, Garrido
WT 25/26	1741384	Selected Environmental History of Architecture: History of Architecture/Urban Planning: Unbuild Karlsruhe	2 SWS	Seminar / 🎤	Medina Warmburg, Garrido
WT 25/26	1741386	Architecture in Film: History of Architecture/Urban Planning: Courtly Counterworlds (Part 3)	2 SWS	Seminar / 🎤	Medina Warmburg, Silvestri
WT 25/26	1741392	Special Topics of History of Architecture/Urban Planning: Planning: Research into Historic Preservation: Future needs Heritage	2 SWS	Seminar / 🎤	Kurz
WT 25/26	1741393	Special Topics of History of Architecture/Urban Planning:History and Theory of Monument Preservation: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 🌀	Hanschke
ST 2026	1741384	Architecture and the City in Film: History of Architecture/Urban Planning: Symphonies of the Big City - Berlin (Part IV)	2 SWS	Seminar / 🎤	Medina Warmburg
ST 2026	1741385	Environmental History of Architecture: History of Architecture/Urban Planning: Unbuilt Karlsruhe	2 SWS	Seminar / 🎤	Medina Warmburg, Garrido
ST 2026	1741387	History of Cultural Landscapes: History of Architecture/Urban Planning: The City in the Forest. The Waldstadt Settlement Project in Karlsruhe and Karl Selg's Concept of Geo Urbanism	2 SWS	Seminar / 🎤	Medina Warmburg, Silvestri
ST 2026	1741388	Applied Monument Preservation: History of Architecture/Urban Planning: : Monument Preservation _ Challenge and Perspective	2 SWS	Seminar / 🎤	Medina Warmburg, Hücklekemkes
ST 2026	1741390	Historical Building Research _ Free Student Research Project	2 SWS	Project / 🎤	Medina Warmburg, Busse

ST 2026	1741391	Digital Tools and Methods: History of Architecture/Urban Planning: DESIGN BY CATALOG: Ornamental Systems and Architectural Composition	2 SWS	Seminar / 🗣️	Medina Warmburg, Garrido
ST 2026	1741392	History and Theory of Monument care: History of Architecture/Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 🔄	Hanschke
ST 2026	1741394	Applied Historical Building Research _ Exercise: Summer School at Heilig Kreuztal Monastery	2 SWS	Excursion / 🗣️	Medina Warmburg, Busse

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

Assessment

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 courses related to this module component:

V

History of Construction Technology: History of Architecture/Urban Planning: From Log Construction to Half-Timbering: Wooden Construction in the Middle Ages

Seminar (S)
On-Site

1741382, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Content

For centuries, wood was the preferred building material in residential construction. Given that it is a perishable material, it is all the more astonishing that numerous wooden buildings from the Middle Ages have survived to this day. Others were replaced by stone buildings precisely because of the fire hazard and can now only be traced through archaeological remains. Due to its widespread use, regional differences can be seen, which are determined by climate, availability of raw materials and fashions. And yet, structural characteristics can also be seen across different cultural circles. This seminar will provide an overview of developments in timber construction in the Middle Ages, an insight into regional characteristics and structural details.

Submission/examination: Presentation and term paper by March 31.03.2026

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Rheinhafen Karlsruhe

Seminar (S)
On-Site

1741383, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

Content

Since its construction at the turn of the 20th century, the Rheinhafen has been a crucial driver of Karlsruhe's industrial and economic development. Acting as a gateway for trade and energy, it reshaped the city's relationship with the Rhine and transformed its urban and environmental landscape.

This seminar proposes to examine the Rheinhafen as a layered urban and infrastructural system, tracing its evolution from industrial port to its current role within the city. Using architectural research and representation tools alongside archival material, cartographic evidence, and on-site documentation, participants will analyze how transport, energy, and industry intersect with environmental conditions. The goal is to compose an "urban biography" of the Rheinhafen, revealing how flows of goods, people, and resources have left lasting marks on Karlsruhe's built environment.

Submission/Exam: presentation and essay due 31.03.2026

Number of Participants: 7

Focus of study: Architectural and Cultural Heritage

V

Selected Environmental History of Architecture: History of Architecture/Urban Planning: Unbuild Karlsruhe

1741384, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

On its more than three centuries of history, Karlsruhe has been shaped not only by what was built, but also by what remained on paper. From Friedrich Weinbrenner's early 19th-century proposal to weave water canals through the city to radical cultural projects such as OMA's unbuilt design for the ZKM, Karlsruhe has been a testing ground for ambitious visions that never materialized. These unbuilt projects reveal as much about the city's aspirations, politics, and cultural identity as its constructed landmarks.

This seminar investigates a series of unrealized projects through architectural drawings, competition documents, and archival research. By reconstructing their contexts and intentions, participants will explore how design speculation shaped – and sometimes clashed with – Karlsruhe's urban development. Using architectural research methods, representation tools, and comparative analysis, the seminar will culminate in a curated exhibition that presents an “fictional urban biography” of what might have been, revealing alternative trajectories and unrealized futures embedded within the city's history.

Submission/Exam: presentation and essay due 31.03.2026

Number of Participants: 7

Focus of study: Architectural and Cultural Heritage

V

Architecture in Film: History of Architecture/Urban Planning: Courtly Counterworlds (Part 3)

1741386, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

The multi-part seminar series on architecture in film, organized by the Chair of Architectural and Building History, enters its third round this semester. Its main theme is the examination of film art as a genuine and influential medium of modernity with various social phenomena and their built environment. While previous editions of the series focused on the utopian and dystopian counterworlds of “other places” and the motif of the ‘uncanny’ in residential architecture, the current edition focuses on courtly architecture. The focus is on reflecting on the interactions between courtly society and its materialization in the cosmos of the “castle.” In addition, the visualization, evaluation, and distortion of the artistic and political aspects of representative castle architecture in film will be discussed.

The film screening will be followed by an open discussion. The aim of the event is to open up new perspectives on architecture-related topics for participants. Credit for the seminar will be awarded for active participation with preparation, moderation, and follow-up of a film evening.

All interested parties are cordially invited.

Submission/Exam: presentation and essay due 31.03.2026

1. Meeting: 28.10.2025

Dates: 6 double sessions in November and December

Number of Participants: 5 bachelor's and 5 master's students, 3 students from KG

Focus of Study: Architectural and Cultural Heritage

V

Special Topics of History of Architecture/Urban Planning: Planning: Research into Historic Preservation: Future needs Heritage

1741392, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

We shape the future with architecture. Why should we preserve things from the past? Which ones—and which ones not? How can preservation be achieved anyway?

The seminar deals with how to deal with architectural heritage. We ask how it can provide orientation for our actions today. In doing so, we identify criteria that can be used to recognize the qualities of existing buildings and approach an “art of preservation” that always includes further development, destruction, and letting go.

One case study is the Weissenhof Estate in Stuttgart, which we will explore on an excursion.

Submission/Exam: Presentation in January and February 2026. Submission of the presentation in written form by March 31, 2026. Case studies and exercises in November and December 2025.

Number of Participants: 8

Focus of study: Architectural and Cultural Heritage

V

Special Topics of History of Architecture/Urban Planning:History and Theory of Monument Preservation: Preservation of Historical Monuments - Theory and Practice

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

1741393, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Content

The preservation and maintenance of historical monuments or monument ensembles is a task that is performed by specialized architectural firms, restorers and monument protection authorities. The seminar gives an insight into selected topics and questions. The focus is on the history and theory of monument preservation, the history of central European town houses, inventory, practical examples of monument preservation and old building renovation as well as legal considerations.

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

Dates will be set by arrangement.

First Meeting online: Thu 29.10.2026, 6 p.m.

Submission/Exam: presentation and paper due 31.03.2025

Number of Participants: 6

Focus of study: Architectural and Cultural Heritage

V

Architecture and the City in Film: History of Architecture/Urban Planning: Symphonies of the Big City - Berlin (Part IV)

Seminar (S)
On-Site

1741384, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Content

As a defining medium of modernity, film has portrayed and critically reflected on urban lifestyles and the associated architectures. In the fourth edition of our film series, we focus on cinematic representations of the city of Berlin and its architecture across the eventful 20th century. The starting point will be an examination of the architectural forms and content of Walter Ruttmann's film "Die Sinfonie der Großstadt" (The Symphony of the Big City, 1927). The other films in the series expand on the spectrum of architectural features characteristic of Berlin and its diverse social fabric. Each film screening will be followed by an open discussion round. The aim of the seminar is to open up new perspectives on architecture-related topics. The seminar will be credited for active participation in the preparation, moderation and follow-up of a film evening.

Number of participants: 15 (6 Bachelor, 6 Master, 2 Art History), open to interested members of the public.

Movie nights: 5 double sessions in May and June

Focus of study: Architectural and Cultural Heritage

V

Environmental History of Architecture: History of Architecture/Urban Planning: Unbuilt Karlsruhe

Seminar (S)
On-Site

1741385, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

Content

From Friedrich Weinbrenner's early 19th-century proposal to weave water canals through the city to radical cultural projects such as OMA's unbuilt design for the ZKM, Karlsruhe has been a testing ground for ambitious visions that never materialized. These unbuilt projects reveal as much about the city's aspirations, politics, and cultural identity as its constructed landmarks.

This seminar investigates a series of unrealized projects through architectural drawings, competition documents, and archival research. Using architectural research methods, representation tools, and comparative analysis, the seminar will culminate in a curated exhibition that presents an "fictional urban biography" of what might have been, revealing alternative trajectories and unrealized futures embedded within the city's history.

Submission/Exam: presentation and models till 30.09.2026

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

Focus of study: Architectural and Cultural Heritage

V

History of Cultural Landscapes: History of Architecture/Urban Planning: The City in the Forest. The Waldstadt Settlement Project in Karlsruhe and Karl Selg's Concept of Geo Urbanism

Seminar (S)
On-Site1741387, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Content

The identity of the city of Karlsruhe has, since its founding, been inextricably linked both to its location in the Hardtwald and to the partially clearing of that forest. It was this historical and topographical peculiarity that Karl Selg took up in the 1950s, when he developed a new peripheral housing estate in the eastern part of Karlsruhe. His aim was to create urgently needed new and affordable housing in the post-war period. The project is closely connected with new concepts of context- and nature-sensitive urbanism, as well as with Selg's own concept of "geo-urbanics."

In the seminar, this project and its underlying ideas will be discussed, analysed, and critically communicated on the basis of an extensive archival corpus held at the saai. We will examine original drawings and manuscripts by Karl Selg and seek to situate the project within the broader framework of post-war urbanism. This is also intended as an experimental response to the question of whether, and how, city and forest can be conceived together.

Submission/Exam: presentation and paper due 30.09.2026

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

Focus of study: Architectural and Cultural Heritage

V

Applied Monument Preservation: History of Architecture/Urban Planning: : Monument Preservation _ Challenge and Perspective

Seminar (S)
On-Site1741388, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Content

The seminar provides basic knowledge about the fundamentals of modern monument preservation: What is monument preservation today and how has it developed? What should be protected and preserved? Why do we engage in monument preservation, who benefits from it, what is its purpose, and what categories of cultural monuments exist? What methods of monument preservation are there, and what challenges arise when dealing with cultural monuments? Questions like these will be addressed during the seminar and discussed using practical examples. The insights gained will be deepened during an excursion.

Mandatory excursion, costs approx 50 €

Submission/Exam: oral exam

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

Focus of study: Architectural and Cultural Heritage

V

Historical Building Research _ Free Student Research Project

Project (PRO)
On-Site1741390, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Content

Consciously designing the transformation of existing buildings in the context of preservation and renewal requires a fundamental knowledge of the existing structure, its condition, and history, as well as knowledge of the methodological approach within the various strategies for shaping the building stock. This requires a thorough survey, analysis, and evaluation of the existing building fabric. Using a freely chosen object, the current condition and possibilities for future usage configurations are analyzed on the basis of a building survey and exploration of archival materials, inventory plans, and the history of construction and alterations.

1st meeting: Wed 22.04.2026, 2 pm

Appointments by arrangement

Examination/submission: Analysis, drawings and presentation of a topic, multi-part term paper

Submission: 30.09.2026

Number of participants: 8 Master, 8 Art History

Focus of study: Architectural and Cultural Heritage

V

Digital Tools and Methods: History of Architecture/Urban Planning: DESIGN BY CATALOG: Ornamental Systems and Architectural Composition

Seminar (S)
On-Site1741391, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

Content

Every ornamental system is also a catalog — a collection of pieces with rules for how they connect, combine, and accumulate. From the classical orders to 19th century cast iron foundry publications, architects have always composed with reproducible parts, connection rules, and combinatorial potential.

The seminar is interested in historical and contemporary ornamental systems, from 19th century industrial terracotta and cast-iron catalogs, to parametric part libraries and computational ornament — decoding their underlying grammars and combinatorial logics. From that research, students will develop an original personal catalog of 3D-printed pieces: profiles, surface patterns, transitions, joints, and elements governed by a coherent internal system.

Submission/Exam: presentation and models due 30.09.2026

Number of participants: 5 BA, 5 MA, 5 Art History

Focus of study: Architectural and Cultural Heritage

V

History and Theory of Monument care: History of Architecture/Urban Planning: Preservation of Historical Monuments - Theory and Practice

1741392, SS 2026, 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: Mon 20.04.2026 5:00 pm, online

Submission/Exam: presentation and paper due 30.09.2026

Number of Participants: 6 bachelor, 5 master, 6 art history

Focus of study: Architectural and Cultural Heritage

V

Applied Historical Building Research _ Exercise: Summer School at Heilig Kreuztal Monastery

1741394, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Excursion (EXK)
On-Site

Content

The expertise required to preserve the substance of listed buildings and develop them in a sustainable manner, balancing the conflicting demands of preservation and renewal, and to consciously shape this process, requires a methodical approach to building exploration and documentation, as well as various strategies for shaping the building stock. This requires a fundamental documentation, analysis, and evaluation of the existing building fabric. During the ten-day summer school, the “long building” of the monastery in Heilig Kreuztal will be examined using digital measurements of the building structure and damage mapping. The history of the building and its alterations will be researched using archival materials and existing plans, and further developed with usage configurations appropriate for listed buildings

Application not via Campus Plus. Application deadline: March 6, 2026, at the State Academy of Fine Arts Stuttgart.

<https://www.abk-stuttgart.de/news/summer-school-denkmalpflege-2026-im-kloster-heiligkreuztal/>

Mandatory excursion 19.-25.07.2026

Examination/submission: Analysis, drawings, and presentation of a topic

Open for Bachelor, Master and Art History

Focus of study: Architectural and Cultural Heritage

T



4.72 Module component: Special Topics of Planning and Constructing [T-ARCH-107396]





Coordinators: Prof. Dennis Müller

Organisation: KIT Department of Architecture

Part of: [M-ARCH-103653 - Special Topics of Planning and Constructing](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each winter term	1

Courses					
WT 25/26	1720506	Planning and Constructing: ZWISCHEN RAUM STRUKTUR	4 SWS	Seminar / 	Müller, Huismans, Sadi, Schmeußner
ST 2026	1720506	Transformation of Storchenturm Denzlingen - Transformation of a former church and revitalization of the old village center in Denzlingen	4 SWS	Seminar / 	Müller, Busse, Sadi, Schmeußner, Alves Rocha

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

Below you will find excerpts from courses related to this module component:

V

Planning and Constructing: ZWISCHEN RAUM STRUKTUR

1720506, WS 25/26, 4 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

In the seminar “Zwischen Raum Struktur,” we will explore key questions of architecture at a small scale and develop exemplary models for sustainable interventions in the urban environment.

In the first phase, we will select a location in Karlsruhe, which will then be analyzed in terms of spatial, functional, and social characteristics in order to identify its deficiencies and its potential. Based on this analysis, concepts for reversible interventions will be developed that build on these potentials and encourage active engagement. In the final phase, we will focus on the constructive implementation of these concepts, using resource-efficient building methods and reusable materials.

Regular date: Thursday morning

1st meeting: 30.10.2025, 10 am, R240, Building 20.40

Submission/presentation 1: 27.11.2025

Submission/presentation 2: 15.01.2026

Submission/presentation 3: 05.03.2026

Form of processing: Individual work / 2-part group work

V

Transformation of Storchenturm Denzlingen - Transformation of a former church and revitalization of the old village center in Denzlingen

1720506, SS 2026, 4 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

In the seminar „STORCHENTURM“, we will explore the challenges involved in the structural and functional transformation of the Storchenturm, a religious building in Denzlingen. We will examine how architectural strategies and innovative concepts of use can redefine sacral spaces while preserving their historical and cultural value.

The task is to develop a holistic architectural strategy that enhances the spatial, material, and historical qualities of the Storchenturm, preserves its architectural and structural integrity, and prepares it for a new life cycle with a renewed function and role within the Denzlingen community.

Regular date: Thursday morning Room 20.40 R240

1st meeting: 23.04.26, 09:00 am

Presentation Phase 1: 07.05.2026

Presentation Phase 2: 25.06.2026

Presentation Phase 3: 23.07.2026

Submission: 12.08.2026

Participants: 20 MA

Form of work: 2-person group work

Focus of study: Building technology

Form of course: Presence

Language: German/English





T

4.73 Module component: Special Topics of Structural Design [T-ARCH-107401]

Coordinators: Prof. Dr.-Ing. Riccardo La Magna
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103658 - Special Topics of Structural Design](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each summer term	1

Courses					
WT 25/26	1720754	Special Topics of Structural Design: Down to Earth	2 SWS	Seminar / 	La Magna, Bechert, Haußer

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

Below you will find excerpts from courses related to this module component:

V

Special Topics of Structural Design: Down to Earth
 1720754, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The seminar “Down to Earth” is a lecture series on earthen construction, organized by the Dachverband Lehm e.V. in cooperation with universities and industry partners. It features weekly lectures covering a wide range of topics – from fundamental principles and building techniques to restoration practices, as well as current research developments and innovative applications in modern earthen architecture.

1st meeting: Wed. 29.10.2025; 4:00 p.m.

Rule date: Wed. 4:00 p.m. – 5:30 p.m.

Delivery/Examination: after announcement

Number of participants: 10

T

4.74 Module component: Special Topics of Sustainability [T-ARCH-107435]

Coordinators: Prof.Dipl.-Ing. Dirk Hebel
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103687 - Special Topics of Sustainability](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each summer term	1

Courses					
WT 25/26	1720606	Research Seminar/Sustainability: Grassroots Urbanism: Africa's Claim to the Architecture of Belonging	2 SWS	Seminar / 🗣️	Hebel, Mamo
WT 25/26	1720607	Research Seminar/Sustainability: Back to Zero – Reducing CO2 Emissions in the Construction Industry through LCA	2 SWS	Seminar / 🗣️	Hebel, Boerman
WT 25/26	1720608	Sustainability: Materials Turnaround Lecture Series	2 SWS	Lecture / 📄	Hebel
ST 2026	1720606	Research Seminar: LOAM +, Loam and natural building materials for a emission free construction industry. A research seminar of the KIT Material Library.	2 SWS	Seminar / 🗣️	Hebel, Böhm, Trojer
ST 2026	1720611	Research Seminar/Sustainability: Systemic Balance in Habitat Making: Revisiting the African Traditional Architecture	2 SWS	Seminar / 🗣️	Hebel, Mamo

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

Below you will find excerpts from courses related to this module component:

V

Research Seminar/Sustainability: Grassroots Urbanism: Africa's Claim to the Architecture of BelongingSeminar (S)
On-Site1720606, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)**Content**

Africa is in the midst of a birth labor for thousands of new cities. This seminar explores Grassroots Urbanism as an alternative to the conventional models of city making that are top-down and capital-intensive. Instead, it champions community-based and locally sourced urban aggregates as approaches better positioned to trigger sustainable socio-spatial productions. Furthermore, in a continent ravaged by historical dispossession and extractive development, it asserts that a flourishing urban future lies in communities that grow roots in a place thereby cultivating a genuine sense of belonging.

Recognizing the centrality of Architecture in the shaping of places of belonging, the seminar investigates FORCES that directs architecture and urban FORMations. Through discussions, reflections on case studies, and collaborative exercises, the seminar aims to uncover latent potentials in architecture that empowers grassroots in the projection of a sustainable urban future for Africa.

First Meeting: 27.10.2025

Regular Meeting: Mondays, 14.00 - 15.30

Submission/Exam: 09.02.2026

Number of participants: 12

Focus of study: Urban Design

V

Research Seminar/Sustainability: Back to Zero – Reducing CO2 Emissions in the Construction Industry through LCASeminar (S)
On-Site1720607, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Content

The construction industry is responsible for 40% of all CO₂ emissions in Germany. In order to meet climate targets, it is necessary to effectively reduce CO₂ emissions throughout the entire life cycle of buildings. The seminar teaches the basics of life cycle assessment (LCA) as a tool for determining CO₂ emissions in construction. The focus is on global warming potential (GWP), which arises throughout the building life cycle in materials, construction, operation and demolition. Tools are used to record and evaluate the data in a structured manner. The aim is to quantify the environmental impact of construction measures in a comprehensible manner and to develop a sound understanding of future-oriented planning and construction in times of climate change.

Wednesdays, 9.45-11.15 AM

Bldg. 11.40, Room 26

First Meeting: 29.10.2025

Submission/Exam: 11.02.2026

**Sustainability: Materials Turnaround Lecture Series**

1720608, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

**Lecture (V)
Online**

Content

The construction sector is a major contributor to global greenhouse gas emissions, waste generation, raw material and energy consumption. The building turnaround that needs to be brought about is directly linked to a material turnaround. On the one hand, the substitution of mineral building materials by natural and secondary building materials is crucial for this, on the other hand strategies of sufficiency and resource efficiency to enable the long overdue transformation in the construction industry.

The lecture series "Material Turnaround" will explain, among other things, the meaning and principles of sustainable action, demonstrate alternatives to the use of mineral building materials, and teach the basics of circular design and construction. The lecture series takes place as a cooperation between the Natural Building Lab (Technical University of Berlin), the Chair of Architecture and Wood Construction (Technical University of Munich) and the Chair of Sustainable Building (Karlsruhe Institute of Technology). This initiative helps to raise awareness for sustainable building methods in order to successfully implement the goals of the building turnaround.

Participating professorships:

Architektur und Holzbau (ATC), Technische Universität München

Nachhaltiges Bauen (IEB), Karlsruher Institut für Technologie

Natural Building Lab (NBL), Technische Universität Berlin

Tuesdays, 03:45-05:15 pm per Zoom

(Link for Zoom is in Ilias-Course)

First Meeting: 28.10.2025

**Research Seminar: LOAM +, Loam and natural building materials for a emission free construction industry. A research seminar of the KIT Material Library.**

1720606, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The materials library houses conventional building materials as well as recyclable building materials made from secondary and renewable raw materials. The seminar focuses on loam building materials and other natural building materials used in construction and renovation projects. Loam (along with wood) is one of the oldest building materials known to humankind, and even today, a third of the world's population lives in loam buildings, particularly in Africa, South America, and Asia. In our region, this natural material is experiencing a renaissance thanks to modern advancements such as prefabrication, the production of dry construction materials and the integration of this traditional building material in digital design and construction methods. In conjunction with renewable materials, such as wood, natural insulation or natural paints and plasters, building with loam represents one of many opportunities for addressing the enormous challenges posed by climate change within the construction industry.

During the research seminar, the students will conduct independent and critical research on the mentioned topics. They will examine the life cycles of selected materials in detail in order to integrate sustainable alternatives into the materials library in the form of detailed datasets and physical material samples. The seminar is accompanied by mentoring sessions, workshops, lectures and excursions.

First Meeting: April 21, 2026

Regular Meeting: Tuesdays, 11.30 - 13.00

Submission/Exam: July 21, 2026

Focus of study: Building Technology

**Research Seminar/Sustainability: Systemic Balance in Habitat Making: Revisiting the African Traditional Architecture**

1720611, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Contemporary city making is rooted in the ethos of modernity, scripting natural processes as 'the other' with a clear boundary between the lived and the natural spaces. This dichotomous reading of Nature and Culture, which has promoted a continuous, often tense, struggle for the subjugation of nature, is still the foundational spirit that drives our collective strive for growth and transformation. However, traditional African conceptions do not make such a division between **nature and society** – offering a vast field of rediscovery for a more harmonious coexistence and dialogue in and with nature. Though the current rapid urban production is disruptive of this dialogue by being dependent on the global circuit of capital, materials, equipment, and skills, the majority of Africa still depends on traditional productions and localized cycles.

By focusing on a particular geographic region within the vast continent, the seminar will attempt to explore the operational mechanics of **traditional architecture (habitat making)** within the metabolic cycles of the different **ecological zones** of the region. The main aim is to draw vital and timeless values and principles that are foundational in ensuring **stability and balance** in the making of the **Human Habitat**.

First Meeting: 21.04.2026, 2:00 p.m.

Regular Meeting: Tuesday, 2:00 - 3:30 p.m.

Submission/Exam: 21.07.2026

Number of participants: 12

Focus of study: Urban Design

T**4.75 Module component: Special Topics of Sustainable Timber Construction [T-ARCH-114866]****Coordinators:** TT-Prof. Florian Kaiser**Organisation:** KIT Department of Architecture**Part of:** [M-ARCH-107591 - Special Topics of Sustainable Timber Construction](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each summer term	1

T

4.76 Module component: Special Topics of Theory of Architecture 1 [T-ARCH-107392]

Coordinators: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103649 - Special Topics of Theory of Architecture 1](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1710407	Architectural Theory: Pipe Dreams	2 SWS	Seminar /	Rusak
WT 25/26	1710409	Theory of Architecture: Living Archive!	4 SWS	Seminar /	Gurgenidze-Schmitt
WT 25/26	1710414	Architectural Theory/Research Seminar: Brasil	2 SWS	Seminar /	Wilkinson
ST 2026	1710407	Architectural Theory: Brasil 2	2 SWS	Seminar /	Wilkinson
ST 2026	1710408	Architekturtheorie: Material Geschichten	2 SWS	Seminar /	Hansmann
ST 2026	1710411	Theory of Architecture: Digital Dependencies	2 SWS	Seminar /	Silver
ST 2026	1710413	Architectural Theory: Publishing Architecture	2 SWS	Seminar /	Gurgenidze-Schmitt
ST 2026	1710417	Architekturtheorie: Women Build Baden Württemberg!	2 SWS	Seminar /	

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

Workload
120 hours

Below you will find excerpts from courses related to this module component:

V

Architectural Theory: Pipe Dreams

1710407, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

While we often think of space as something abstract, it is shaped by a range of infrastructural systems. The seminar will investigate how existing infrastructural networks—roads, railways, electricity grids, oil pipelines, internet cables and waste systems—provide a concrete physical form to the abstract political idea of a united Europe. The seminar is particularly interested in the physical materiality of mundane infrastructural objects and their generative (and often violent) spatial effects.

During the semester, we will read key texts on the politics of infrastructure and investigate political imaginaries of selected systems. Karlsruhe, an envisioned European oil and data hub in the 1970s, will provide a helpful departure point. We will map the spatial impact of selected infrastructures and envision alternative futures more responsive to the contemporary climate emergency.

The seminar will take place 10 x Mon 9.45-11.15

Fri 6.02.26. 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Mon 03.11.25. 9.45-11.15

Mon 10.11.25. 9.45-11.15

Mon 17.11.25. 9.45-11.15

Mon 24.11.25. 9.45-11.15

Mon 01.12.25. 9.45-11.15

Mon 08.12.25. 9.45-11.15

Mon 15.12.25. 9.45-11.15

Mon 12.01.26. 9.45-11.15

Mon 19.01.26. 9.45-11.15

Mon 26.01.26. 9.45-11.15

Fri 6.02.26. 17:00-20:00

Field Trip (TBD)

Number of Participants: 7

**Theory of Architecture: Living Archive!**

1710409, WS 25/26, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

This seminar will explore architectural elements such as façades, balconies, windows, and ground floors, viewing them not only as functional components but also as cultural, social, and political symbols. We will analyze how these elements acquire new meanings over time, reflecting local identities, economic conditions, and broader historical shifts.

The case study of Georgia is particularly compelling, as the collapse of the Soviet Union sparked a radical transformation of its built environment. The privatization of housing allowed residents to modify standardized housing blocks, leading to self-made alterations that continue to shape urban identity. By situating Georgia's example within a broader architectural discourse, the seminar will illustrate how seemingly ordinary details can embody dynamic processes of change and serve as living archives of collective experience.

Focus of study: *Architectural and Cultural Heritage*

The seminar will take place 2 x Mon 11:30-13:00 & 14:00-15:30 & 3 x Fri 14:00-15:30 & 15:45-17:15

Fri 6.02.26. 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Mon 10.11.25. 11:30-13:00 & 14:00-15:30

Fri 5.12.25. 14:00-15:30 & 15:45-17:15

Mon 15.12.25. 11:30-13:00 & 14:00-15:30

Fri 16.01.26. 14:00-15:30 & 15:45-17:15

Fri 30.01.26. 14:00-15:30 & 15:45-17:15

Fri 6.02.26. 17:00-20:00

Field Trip (TBD)

**Architectural Theory/Research Seminar: Brasil**

1710414, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The theory and historiography of modern architecture, long focused on the global north, is beginning to be decentred. But one global south nation has always held a prominent role in this story, despite its supposedly peripheral status: Brazil. In this seminar, we will discuss the use of the nation as an epistemological category, models of relative development in architectural history, and the theoretical contributions that have developed out of Brazil's very particular conditions: vast in scale and disparity, and shaped by colonialism, dictatorship, immigration and slavery.

The seminar will take place 6 x Fri 9:45-11:15 & 11:30-13:00.

Fri 6.02.26. 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**Architectural Theory: Brasil 2**

1710407, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

After the Brazilian military dictatorship of 1964-85, the return to democracy brought a new approach to nation-building and new challenges in society and architecture. The decline of state-directed developmentalism meant a decline in massive representative projects. Meanwhile, longstanding questions of inequality remain unresolved, with Afro-Brazilians and indigenous peoples still excluded from political and cultural representation and economic opportunity – including within architecture. In this seminar, we will discuss case studies and texts about contemporary Brazilian architecture, in which these problems are addressed.

Focus of study: Architectural and Cultural Heritage

The seminar will take place 6 x Tue 9:45-11:15 & 14:00-15:30.

16.7.2026 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**Architekturtheorie: Material Geschichten**

1710408, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

In the seminar "Material Stories," we focus on the everyday life of the things we use to build. We embark on a journey into the social and ecological relationships we cultivate through building processes. Every construction activity has an impact—both directly on site and in countless other places, locally in the neighborhood and globally in the Earth system. In this seminar, you will research and develop your own narrations and produce small but scientifically researched insights into the complex relationships and dependencies of the "German" construction industry and architecture.

The best work from the seminar will be published on the Material Networks platform: <https://blogs.hoou.de/materialnetworks/>

Focus of study: Architectural and Cultural Heritage

The seminar will take place 6 x Wed 8:00-11:15.

16.7.2026 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Language: German Texts in English, Submission possible in English

**Theory of Architecture: Digital Dependencies**

1710411, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Can you feel it? The line which seemed to separate the URL from the IRL is breaking down: Are the Memetic Aesthetics in the room with us right now? Or is it just that Karlsruhe's winter sky is the same grey shade as your Rhino viewport? Or has this always been the case as long as our architectural practices have been digital? During this semester we will explore architecture's "digital dependencies," through a combination of presentations, demos, interactive exercises, and reading-based critical discussions. The semester will culminate in a final research project exploring these modes of dependency while posing a possible "architectural counter-computing."

Focus of study: Architectural and Cultural Heritage

The seminar will take place 7 x Monday 9:45-11:15 plus 2 x double sessions Monday 09:45-13:00

16.7.2026 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Mo 20.04.26 9:45-11:15

Mo 27.04.26 9:45-11:15

Mo 04.05.26 9:45-11:15

Mo 11.05.26 9:45-11:15

Mo 01.06.26 9:45-13:00 [double]

Mo 08.06.26 9:45-11:15

Mo 15.06.26 9:45-11:15

Mo 22.06.26 9:45-11:15

Mo 06.07.26 9:45-13:00 [double]

**Architectural Theory: Publishing Architecture**1710413, SS 2026, 2 SWS, Language: English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

This seminar explores diverse formats for publishing about architecture, from academic journals to independent zines. Students will investigate the contemporary publishing landscape through readings, case studies and guest lectures from an architectural publisher and magazine editor. Through writing workshops and production sessions, students will develop their critical writing, visual editing and editorial collaboration skills. The seminar culminates in the collective production of an architectural zine, with each student contributing original critical writing on contemporary architecture, theory or practice.

Focus of study: Architectural and Cultural Heritage

The seminar will take place 6 x Mo 11:30-13:00 plus 3 x double sessions on Tue 9:45-11:15 & 11:30-13:00
16.7.2026 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Mo 20.04.26 11:30-13:00

Mo 04.05.26 11:30-13:00

Mo 18.05.26 11:30-13:00

Mo 01.06.26 11:30-13:00

Mo 08.06.26 11:30-13:00

Tue 09.06.26 9:45-11:15 & 11:30-13:00

Mo 22.06.26 11:30-13:00

Tue 23.06.26 9:45-11:15 & 11:30-13:00

Tue 07.07.26 9:45-11:15 & 11:30-13:00

**Architekturtheorie: Women Build Baden Württemberg!**1710417, SS 2026, 2 SWS, Language: German, [Open in study portal](#)**Seminar (S)
On-Site****Content**

This seminar is part of the research project "Frauen Bauen Baden-Württemberg im saai" and aims to identify and make visible female architects of the 20th century in Baden-Württemberg who are still underrepresented in architectural history. Our work involves researching archival material, analyzing networks of female architects, creating reference plans for selected building projects, and, where appropriate, conducting oral history interviews. The results will be published on the "Frauen Bauen" platform in the form of biographical texts and project descriptions and simultaneously integrated into the saai's holdings.

Architectural and Cultural Heritage

Wed 22.04.26 11:30-13:00 & 14:00-15:30 [Introduction & SAAI-Tour]

Wed 06.05.26 10:00-17:00 [Excursion to Stuttgart, GEDOK-House]

Wed 20.05.26 11:30-13:00 & 14:00-15:30

Wed 27.05.26 11:30-13:00 & 14:00-15:30

Wed 03.06.26 11:30-13:00 & 14:00-15:30

Wed 24.06.26 8:00-11:15 10:00-17:00 [Individual consultations]

tba Final Event





T

4.77 Module component: Special Topics of Theory of Architecture 2 [T-ARCH-107393]

Coordinators: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103650 - Special Topics of Theory of Architecture 2](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1710407	Architectural Theory: Pipe Dreams	2 SWS	Seminar / 	Rusak
WT 25/26	1710409	Theory of Architecture: Living Archive!	4 SWS	Seminar / 	Gurgenidze-Schmitt
WT 25/26	1710414	Architectural Theory/Research Seminar: Brasil	2 SWS	Seminar / 	Wilkinson
ST 2026	1710407	Architectural Theory: Brasil 2	2 SWS	Seminar / 	Wilkinson
ST 2026	1710408	Architekturtheorie: Material Geschichten	2 SWS	Seminar / 	Hansmann
ST 2026	1710411	Theory of Architecture: Digital Dependencies	2 SWS	Seminar / 	Silver
ST 2026	1710413	Architectural Theory: Publishing Architecture	2 SWS	Seminar / 	Gurgenidze-Schmitt
ST 2026	1710417	Architekturtheorie: Women Build Baden Württemberg!	2 SWS	Seminar / 	

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

Workload
120 hours

Below you will find excerpts from courses related to this module component:

V

Architectural Theory: Pipe Dreams

1710407, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

While we often think of space as something abstract, it is shaped by a range of infrastructural systems. The seminar will investigate how existing infrastructural networks—roads, railways, electricity grids, oil pipelines, internet cables and waste systems—provide a concrete physical form to the abstract political idea of a united Europe. The seminar is particularly interested in the physical materiality of mundane infrastructural objects and their generative (and often violent) spatial effects.

During the semester, we will read key texts on the politics of infrastructure and investigate political imaginaries of selected systems. Karlsruhe, an envisioned European oil and data hub in the 1970s, will provide a helpful departure point. We will map the spatial impact of selected infrastructures and envision alternative futures more responsive to the contemporary climate emergency.

The seminar will take place 10 x Mon 9.45-11.15

Fri 6.02.26. 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Mon 03.11.25. 9.45-11.15

Mon 10.11.25. 9.45-11.15

Mon 17.11.25. 9.45-11.15

Mon 24.11.25. 9.45-11.15

Mon 01.12.25. 9.45-11.15

Mon 08.12.25. 9.45-11.15

Mon 15.12.25. 9.45-11.15

Mon 12.01.26. 9.45-11.15

Mon 19.01.26. 9.45-11.15

Mon 26.01.26. 9.45-11.15

Fri 6.02.26. 17:00-20:00

Field Trip (TBD)

Number of Participants: 7

**Theory of Architecture: Living Archive!**

1710409, WS 25/26, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

This seminar will explore architectural elements such as façades, balconies, windows, and ground floors, viewing them not only as functional components but also as cultural, social, and political symbols. We will analyze how these elements acquire new meanings over time, reflecting local identities, economic conditions, and broader historical shifts.

The case study of Georgia is particularly compelling, as the collapse of the Soviet Union sparked a radical transformation of its built environment. The privatization of housing allowed residents to modify standardized housing blocks, leading to self-made alterations that continue to shape urban identity. By situating Georgia's example within a broader architectural discourse, the seminar will illustrate how seemingly ordinary details can embody dynamic processes of change and serve as living archives of collective experience.

Focus of study: *Architectural and Cultural Heritage*

The seminar will take place 2 x Mon 11:30-13:00 & 14:00-15:30 & 3 x Fri 14:00-15:30 & 15:45-17:15

Fri 6.02.26. 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Mon 10.11.25. 11:30-13:00 & 14:00-15:30

Fri 5.12.25. 14:00-15:30 & 15:45-17:15

Mon 15.12.25. 11:30-13:00 & 14:00-15:30

Fri 16.01.26. 14:00-15:30 & 15:45-17:15

Fri 30.01.26. 14:00-15:30 & 15:45-17:15

Fri 6.02.26. 17:00-20:00

Field Trip (TBD)

**Architectural Theory/Research Seminar: Brasil**

1710414, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The theory and historiography of modern architecture, long focused on the global north, is beginning to be decentred. But one global south nation has always held a prominent role in this story, despite its supposedly peripheral status: Brazil. In this seminar, we will discuss the use of the nation as an epistemological category, models of relative development in architectural history, and the theoretical contributions that have developed out of Brazil's very particular conditions: vast in scale and disparity, and shaped by colonialism, dictatorship, immigration and slavery.

The seminar will take place 6 x Fri 9:45-11:15 & 11:30-13:00.

Fri 6.02.26. 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**Architectural Theory: Brasil 2**

1710407, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

After the Brazilian military dictatorship of 1964-85, the return to democracy brought a new approach to nation-building and new challenges in society and architecture. The decline of state-directed developmentalism meant a decline in massive representative projects. Meanwhile, longstanding questions of inequality remain unresolved, with Afro-Brazilians and indigenous peoples still excluded from political and cultural representation and economic opportunity – including within architecture. In this seminar, we will discuss case studies and texts about contemporary Brazilian architecture, in which these problems are addressed.

Focus of study: Architectural and Cultural Heritage

The seminar will take place 6 x Tue 9:45-11:15 & 14:00-15:30.

16.7.2026 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**Architekturtheorie: Material Geschichten**

1710408, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

In the seminar "Material Stories," we focus on the everyday life of the things we use to build. We embark on a journey into the social and ecological relationships we cultivate through building processes. Every construction activity has an impact—both directly on site and in countless other places, locally in the neighborhood and globally in the Earth system. In this seminar, you will research and develop your own narrations and produce small but scientifically researched insights into the complex relationships and dependencies of the "German" construction industry and architecture.

The best work from the seminar will be published on the Material Networks platform: <https://blogs.hoou.de/materialnetworks/>

Focus of study: Architectural and Cultural Heritage

The seminar will take place 6 x Wed 8:00-11:15.

16.7.2026 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Language: German Texts in English, Submission possible in English

**Theory of Architecture: Digital Dependencies**

1710411, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Can you feel it? The line which seemed to separate the URL from the IRL is breaking down: Are the Memetic Aesthetics in the room with us right now? Or is it just that Karlsruhe's winter sky is the same grey shade as your Rhino viewport? Or has this always been the case as long as our architectural practices have been digital? During this semester we will explore architecture's "digital dependencies," through a combination of presentations, demos, interactive exercises, and reading-based critical discussions. The semester will culminate in a final research project exploring these modes of dependency while posing a possible "architectural counter-computing."

Focus of study: Architectural and Cultural Heritage

The seminar will take place 7 x Monday 9:45-11:15 plus 2 x double sessions Monday 09:45-13:00

16.7.2026 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Mo 20.04.26 9:45-11:15

Mo 27.04.26 9:45-11:15

Mo 04.05.26 9:45-11:15

Mo 11.05.26 9:45-11:15

Mo 01.06.26 9:45-13:00 [double]

Mo 08.06.26 9:45-11:15

Mo 15.06.26 9:45-11:15

Mo 22.06.26 9:45-11:15

Mo 06.07.26 9:45-13:00 [double]

**Architectural Theory: Publishing Architecture**1710413, SS 2026, 2 SWS, Language: English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

This seminar explores diverse formats for publishing about architecture, from academic journals to independent zines. Students will investigate the contemporary publishing landscape through readings, case studies and guest lectures from an architectural publisher and magazine editor. Through writing workshops and production sessions, students will develop their critical writing, visual editing and editorial collaboration skills. The seminar culminates in the collective production of an architectural zine, with each student contributing original critical writing on contemporary architecture, theory or practice.

Focus of study: Architectural and Cultural Heritage

The seminar will take place 6 x Mo 11:30-13:00 plus 3 x double sessions on Tue 9:45-11:15 & 11:30-13:00
16.7.2026 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Mo 20.04.26 11:30-13:00

Mo 04.05.26 11:30-13:00

Mo 18.05.26 11:30-13:00

Mo 01.06.26 11:30-13:00

Mo 08.06.26 11:30-13:00

Tue 09.06.26 9:45-11:15 & 11:30-13:00

Mo 22.06.26 11:30-13:00

Tue 23.06.26 9:45-11:15 & 11:30-13:00

Tue 07.07.26 9:45-11:15 & 11:30-13:00

**Architekturtheorie: Women Build Baden Württemberg!**1710417, SS 2026, 2 SWS, Language: German, [Open in study portal](#)**Seminar (S)
On-Site****Content**

This seminar is part of the research project "Frauen Bauen Baden-Württemberg im saai" and aims to identify and make visible female architects of the 20th century in Baden-Württemberg who are still underrepresented in architectural history. Our work involves researching archival material, analyzing networks of female architects, creating reference plans for selected building projects, and, where appropriate, conducting oral history interviews. The results will be published on the "Frauen Bauen" platform in the form of biographical texts and project descriptions and simultaneously integrated into the saai's holdings.

Architectural and Cultural Heritage

Wed 22.04.26 11:30-13:00 & 14:00-15:30 [Introduction & SAAI-Tour]

Wed 06.05.26 10:00-17:00 [Excursion to Stuttgart, GEDOK-House]

Wed 20.05.26 11:30-13:00 & 14:00-15:30

Wed 27.05.26 11:30-13:00 & 14:00-15:30

Wed 03.06.26 11:30-13:00 & 14:00-15:30

Wed 24.06.26 8:00-11:15 10:00-17:00 [Individual consultations]

tba Final Event

T

4.78 Module component: Special Topics of Urban Design [T-ARCH-107409]

Coordinators: Prof. Dr.-Ing. Barbara Engel
Prof. Christian Inderbitzin
Prof. Markus Neppl
Prof. Maurus Schifferli

Organisation: KIT Department of Architecture

Part of: [M-ARCH-103668 - Special Topics of Urban Design](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1731095	Quarter Analysis: How the City Impacts Us: Exploring Urban Stress Factors	4 SWS	Seminar /	Neppl, Haug
WT 25/26	1731098	Research Seminar/Special Topics of Urban Design: PLANREIFE - Implementation and Systematics of Urban Design Projects	4 SWS	Seminar /	Maghsoudi
WT 25/26	1731171	International Urban Design: Metropol.X – Talinn	2 SWS	Seminar /	Engel, Lev, Kannen
WT 25/26	1731180	Research Seminar: Shared, Autonomous, Sustainable?	2 SWS	Seminar /	Engel, Rogge
WT 25/26	1731214	Special Topics of Urban Design: Magnificent Gardens	2 SWS	Seminar /	Schifferli
WT 25/26	1731280	Urban Design and Housing: Architecture of Living	2 SWS	Seminar /	Inderbitzin, Schmitt, Savic
ST 2026	1731095	Research Seminar/Special Topics of Urban Design: Visibility Studies in the Historic Ensemble of Augsburg: Digital Methods for the Analysis of Visible Roof Structures	4 SWS	Seminar /	Neppl, Zeile
ST 2026	1731180	Research Seminar: "Future Cities - Digital Spaces"	2 SWS	Seminar /	Engel, Rogge
ST 2026	1731220	Research Seminar: Latent Habitat	2 SWS	Seminar /	Klemmer
ST 2026	1731272	Special Topics of Urban Design: The Big Catalog	2 SWS	Seminar /	Inderbitzin, Clauss, von Zepelin, Nalbach, Schmitt, Savic
ST 2026	1731282	Urban Design and Housing: Architecture of Living	2 SWS	Seminar /	Clauss, Inderbitzin, von Zepelin, Nalbach, Schmitt, Savic

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

Assessment

Other examination requirements consisting of seminar papers in written and/or drawing form with a maximum length of 20 pages and a presentation or a paper with a maximum length of 20 minutes.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Quarter Analysis: How the City Impacts Us: Exploring Urban Stress Factors

1731095, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

Public space shapes the character of the European city. Its quality significantly influences whether we feel comfortable, uncomfortable, or stressed while moving through the city. Emotion-sensing measurements now reliably detect and vividly visualise such negative urban emotions in the form of heatmaps. However, the question of their causes remains largely unexplored.

In this seminar, we will therefore focus intensively on investigating these causes. To do so, we will take a closer look at two urban spaces in Karlsruhe. Using the newly developed method of "urban space diagnostics," we will provide you with a tool to analyse various factors. Step by step, we will work together to develop answers to the question of which factors influence human perception of the city.

Note: Good knowledge of Adobe Illustrator and InDesign (or Affinity) is required.

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

First Meeting: 28.10.2025

Submission/exam: 10.03.2026

Form: teamwork (2 or 3)

Number of Participants: 13

Focus of study: Urban Design

V

Research Seminar/Special Topics of Urban Design: PLANREIFE - Implementation and Systematics of Urban Design Projects

Seminar (S)
On-Site

1731098, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)

Content

How does a design become a neighborhood? In this seminar, we go beyond classical urban design masterclass. We begin where the master plan is already in place. In interdisciplinary planning teams, students develop a design manual, regulatory frameworks, and implementation strategies. Through excursions, guest experts, and collaborative group work, we explore the practical realities of urban development processes. Urban design is teamwork: planners, specialists, municipalities, developers, and citizens all come together. This seminar offers insight into everyday planning practice and how a conceptual master plan can lead to a vibrant built environment.

Appointment: Tue, 3:45 am–7:00 pm, Bldg. 11.40, R015

First Meeting: 28.10.2025

Excursion: Heidelberg

Submission/exam: 03.03.2026

Number of Participants: 14

Focus of study: Urban Design

Form: Teamwork (2)

V

International Urban Design: Metropol.X – Tallinn

Seminar (S)
On-Site

1731171, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

Content

Located on the Baltic Sea coast Tallinn is Estonia's capital and with around 440,000 inhabitants most populous city of the country. The old town, which has been a UNESCO World Heritage Site since 1997, stands for an extremely eventful city and national history. Whereas early growth was driven by industrialization and defense, Tallinn is now considered a startup hub and one of the ten most digital cities in Europe. In this seminar, various aspects of urban development, such as open spaces and buildings, but also sociodemographics and cultural characteristics, will be mapped, critically analyzed, and visualized. As a result, an atlas of Tallinn's contemporary urban landscape will be created and published.

Appointment: Tue, 11:30-13:00 h, 11.40 R013

First Meeting: Tue Oct. 28.,2025

Pin-up: Tue Dec. 9, 2025

Final Presentation: Tue Feb. 10, 2026

Submission: Tue Mrch.10.,2026

Number of Participants: 12 BA/12 MA

Groupwork: Teams of two

Language: English

**Research Seminar: Shared, Autonomous, Sustainable?**1731180, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
Blended (On-Site/Online)****Content**

The research seminar "Shared, Autonomous, Sustainable?" examines the potential for spatial change through autonomous mobility in the transition from urban to rural structures. With the help of scenarios, the effects of self-driving minibuses on the urban fabric will be researched. The seminar is part of the interdisciplinary research project C2CBridge. In this project, the spatial, social and technical framework conditions for self-driving minibuses are being examined. The focus is on the transition from city to countryside (country to city). The seminar is held on irregular dates. Block courses are offered that take place outside the regular weekly lecture period.

regular meeting time: irregular**1st meeting:** Tue, 28 Oct, 2025, 3.45 p.m., online**submission/examination:** 10 Mrch, 2026**number of participants:** 5**Field of study:** Urban planning**Special Topics of Urban Design: Magnificent Gardens**1731214, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

Inspired by the search for truth and meaning – a Degli eroici furori of gardens – a collection of gardens around the world is being created that is not merely a geographical inventory, but a mnemonic approach to agri cultura as a medium of thought. This collection is more than a compilation of gardens – it is a cartography of thought, a topological structure of memory that brings order to the diversity of different meanings. In it, gardens are not only recorded as physical spaces, but as symbolic places where philosophical, ethnological, social and aesthetic concepts converge.

Gardens are chroniclers of their time. They reflect the respective world view, the relationship between humans and nature, and their ideas of beauty and order. Every garden is an idea translated into landscape, a combination of the factual and the imaginary. The jointly developed and constantly growing collection makes these relationships visible – linking botanical reality with cultural interpretation and opening up a new perspective on the different characteristics, cultural spaces and eras of our planet.

First meeting: 29.10.2025, 2 p.m., introduction (building 11.40, room 126)

Interim reviews: 12.11.2025/26.11.2025/

10.12.2025/14.01.2026/28.01.2026/11.02.2026/

04.03.2026, each meeting begins at 11:00 a.m.

Submission/presentation: 11.03.2026, beginning at 11:00 a.m.

Form of work: individual work

Number of participants: max. 12

Language: German/English

**Urban Design and Housing: Architecture of Living**1731280, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

In the Architecture of Living seminar, we want to do basic research on the spatial, constructional and social characteristics that characterize and change the spaces in which we live. The analyses will not only be used for a typological classification based on floor plans, but will also explicitly explore unusual places and elements within selected apartments or houses. By analyzing specific situations, such as the way a door is opened and closed, we want to discuss what makes a good apartment and how this can be described. How do construction, building methods and materials influence spatial contexts?

Appointment: Wed, 1:30 pm - 3:00 pm, Bldg. 11.40, R 115, Presence

First Meeting: 29.10.2025

Submission/Exam: to be announced

Number of Participants: 15

**Research Seminar/Special Topics of Urban Design: Visibility Studies in the Historic Ensemble of Augsburg: Digital Methods for the Analysis of Visible Roof Structures**1731095, SS 2026, 4 SWS, Language: German, [Open in study portal](#)**Seminar (S)
On-Site**

Content

This research seminar examines the visibility of roof structures within Augsburg's historic ensemble as a basis for precise spatial assessment. Using digital methods—3D city models, GIS-based visibility analyses, and visibility studies—it systematically identifies visible roof surfaces. Conducted in close collaboration with the BLfD and the planning departments of Augsburg and Landsberg am Lech, the study serves as a preliminary analysis for the Solar Framework Plan.

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

First Meeting: 21.04.2026, 9:45 am, Bldg. 11.40, R015

Submission/Exam: 11.08.2026

Number of Participants: 16

Form: teamwork

**Research Seminar: "Future Cities - Digital Spaces"**

1731180, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

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

Content

Urban spaces are shaped by social, legal, and technical norms. They should meet the needs of people and the environment, yet they follow the logic of technology and the market. Security and surveillance, freedom and power, form and function must be renegotiated on a regular basis.

Smart cities promise to improve our lives, but they require data collection, algorithmic order, and control. This tension forms the starting point for the research seminar "Future Cities – Digital Spaces" and invites participants to define their own positions for the design of future urban spaces and explore them in spatial scenarios.

The seminar is part of the C2C research project and takes place irregularly and by appointment.

Regular date : irregular

1st Meeting: Tues. April 21, 2026

Final presentation/ exam: August 18, 2026

Focus of studies: Urban planning and design

**Research Seminar: Latent Habitat**

1731220, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

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

Content

The seminar explores AI as a design medium—not as an illustrative tool, but as an operative interface between language, image, and spatial imagination. Prompts generate and transform visual spaces whose outcomes serve as open stimuli for thinking, sketching, and drawing. AI is understood as a field of research.

Chance, randomization, ambiguity, and shifts act as productive impulses; deviations and overlaps stimulate new spatial hypotheses. Through a sequence of tasks, different strategies—such as oppositions, states, or actions—are tested as conceptual operators. The aim is to investigate the design process as a dynamic interplay of precision, visual exploration, chance, and spatial translation. In this way, AI functions as an experimental ground for new modes of practice and conceptual positions at the intersection of architecture and landscape.

Distribution & Introduction: 05.05.2026, 05:00 p.m. (Introduction: Building 11.40, Room 126)

Meetings: 19.05.2026/09.06.2026/23.06.2026/30.06.2026/07.07.2026 from 5:00 p.m. to 7:00 p.m. each time

Submission deadline: 18.07.2026, 12:00 p.m. (midnight)

Format: Individual work

Number of participants: 15 (fixed for Master students THINKING GARDEN) + 20

Costs: Software license approx. €25.00

**Special Topics of Urban Design: The Big Catalog**

1731272, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

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

Content

A house can be designed not only with plans, but also with lists. Component lists for doors, windows, colors, and surfaces, as well as many other parts, reflect a planned or existing building. The sum of all these lists can be referred to as a component catalog. In the seminar, we will use the upcoming renovation of the Faculty of Architecture as an opportunity to create such a component catalog. As an inventory, it forms the basis for projections into the future: What can be maintained and repaired, and how? Which components are no longer suitable and need to be replaced? Such catalogs are indispensable tools for renovation, maintenance, and repair.

Appointment: Wed, 13:30 am - 15:00 pm,

Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 15

V

Urban Design and Housing: Architecture of Living

1731282, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In the Architecture of Living seminar, we aim to explore in the sense of basic research, which spatial, structural and social characteristics shape and transform the spaces in which we live. Our analyses will serve not only as a typological classification based on floor plans, but also as a means of delving deeper into unusual places and elements within selected houses and flats. By examining specific features, such as the type of door hinge and opening, we will discuss what constitutes a good home and how this can be defined. How do construction methods and materials influence spatial relationships?

The results of the seminar series will gradually be documented in a large collection of exemplary residential buildings.

Appointment: Wed, 13:30 am - 15:00 pm,

Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 15

T

4.79 Module component: Special Topics of Urban Design [T-ARCH-108190]

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

Organisation: KIT Department of Architecture

Part of: [M-ARCH-103974 - Special Topics of Urban Design - Workshop](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Irregular	1

T

4.80 Module component: Special Topics of Urban Design 2 [T-ARCH-111792]

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

Organisation: KIT Department of Architecture

Part of: M-ARCH-105859 - Special Topics of Urban Design 2

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each term	1

Courses					
WT 25/26	1731095	Quarter Analysis: How the City Impacts Us: Exploring Urban Stress Factors	4 SWS	Seminar / 🗎	Neppl, Haug
WT 25/26	1731098	Research Seminar/Special Topics of Urban Design: PLANREIFE - Implementation and Systematics of Urban Design Projects	4 SWS	Seminar / 🗎	Maghsoudi
WT 25/26	1731171	International Urban Design: Metropol.X – Talinn	2 SWS	Seminar / 🗎	Engel, Lev, Kannen
WT 25/26	1731180	Research Seminar: Shared, Autonomous, Sustainable?	2 SWS	Seminar / 🗎	Engel, Rogge
WT 25/26	1731214	Special Topics of Urban Design: Magnificent Gardens	2 SWS	Seminar / 🗎	Schifferli
WT 25/26	1731280	Urban Design and Housing: Architecture of Living	2 SWS	Seminar / 🗎	Inderbitzin, Schmitt, Savic
ST 2026	1731095	Research Seminar/Special Topics of Urban Design: Visibility Studies in the Historic Ensemble of Augsburg: Digital Methods for the Analysis of Visible Roof Structures	4 SWS	Seminar / 🗎	Neppl, Zeile
ST 2026	1731272	Special Topics of Urban Design: The Big Catalog	2 SWS	Seminar / 🗎	Inderbitzin, Clauss, von Zepelin, Nalbach, Schmitt, Savic

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

Below you will find excerpts from courses related to this module component:

V

Quarter Analysis: How the City Impacts Us: Exploring Urban Stress Factors
1731095, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

Public space shapes the character of the European city. Its quality significantly influences whether we feel comfortable, uncomfortable, or stressed while moving through the city. Emotion-sensing measurements now reliably detect and vividly visualise such negative urban emotions in the form of heatmaps. However, the question of their causes remains largely unexplored.

In this seminar, we will therefore focus intensively on investigating these causes. To do so, we will take a closer look at two urban spaces in Karlsruhe. Using the newly developed method of "urban space diagnostics," we will provide you with a tool to analyse various factors. Step by step, we will work together to develop answers to the question of which factors influence human perception of the city.

Note: Good knowledge of Adobe Illustrator and InDesign (or Affinity) is required.

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

First Meeting: 28.10.2025

Submission/exam: 10.03.2026

Form: teamwork (2 or 3)

Number of Participants: 13

Focus of study: Urban Design

V

Research Seminar/Special Topics of Urban Design: PLANREIFE - Implementation and Systematics of Urban Design Projects

Seminar (S)
On-Site

1731098, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)

Content

How does a design become a neighborhood? In this seminar, we go beyond classical urban design masterclass. We begin where the master plan is already in place. In interdisciplinary planning teams, students develop a design manual, regulatory frameworks, and implementation strategies. Through excursions, guest experts, and collaborative group work, we explore the practical realities of urban development processes. Urban design is teamwork: planners, specialists, municipalities, developers, and citizens all come together. This seminar offers insight into everyday planning practice and how a conceptual master plan can lead to a vibrant built environment.

Appointment: Tue, 3:45 am–7:00 pm, Bldg. 11.40, R015

First Meeting: 28.10.2025

Excursion: Heidelberg

Submission/exam: 03.03.2026

Number of Participants: 14

Focus of study: Urban Design

Form: Teamwork (2)

V

International Urban Design: Metropol.X – Tallinn

Seminar (S)
On-Site

1731171, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

Content

Located on the Baltic Sea coast Tallinn is Estonia's capital and with around 440,000 inhabitants most populous city of the country. The old town, which has been a UNESCO World Heritage Site since 1997, stands for an extremely eventful city and national history. Whereas early growth was driven by industrialization and defense, Tallinn is now considered a startup hub and one of the ten most digital cities in Europe. In this seminar, various aspects of urban development, such as open spaces and buildings, but also sociodemographics and cultural characteristics, will be mapped, critically analyzed, and visualized. As a result, an atlas of Tallinn's contemporary urban landscape will be created and published.

Appointment: Tue, 11:30-13:00 h, 11.40 R013

First Meeting: Tue Oct. 28., 2025

Pin-up: Tue Dec. 9, 2025

Final Presentation: Tue Feb. 10, 2026

Submission: Tue Mrch.10., 2026

Number of Participants: 12 BA/12 MA

Groupwork: Teams of two

Language: English

**Research Seminar: Shared, Autonomous, Sustainable?**1731180, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
Blended (On-Site/Online)****Content**

The research seminar "Shared, Autonomous, Sustainable?" examines the potential for spatial change through autonomous mobility in the transition from urban to rural structures. With the help of scenarios, the effects of self-driving minibuses on the urban fabric will be researched. The seminar is part of the interdisciplinary research project C2CBridge. In this project, the spatial, social and technical framework conditions for self-driving minibuses are being examined. The focus is on the transition from city to countryside (country to city). The seminar is held on irregular dates. Block courses are offered that take place outside the regular weekly lecture period.

regular meeting time: irregular**1st meeting:** Tue, 28 Oct, 2025, 3.45 p.m., online**submission/examination:** 10 Mrch, 2026**number of participants:** 5**Field of study:** Urban planning**Special Topics of Urban Design: Magnificent Gardens**1731214, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

Inspired by the search for truth and meaning – a Degli eroici furori of gardens – a collection of gardens around the world is being created that is not merely a geographical inventory, but a mnemonic approach to agri cultura as a medium of thought. This collection is more than a compilation of gardens – it is a cartography of thought, a topological structure of memory that brings order to the diversity of different meanings. In it, gardens are not only recorded as physical spaces, but as symbolic places where philosophical, ethnological, social and aesthetic concepts converge.

Gardens are chroniclers of their time. They reflect the respective world view, the relationship between humans and nature, and their ideas of beauty and order. Every garden is an idea translated into landscape, a combination of the factual and the imaginary. The jointly developed and constantly growing collection makes these relationships visible – linking botanical reality with cultural interpretation and opening up a new perspective on the different characteristics, cultural spaces and eras of our planet.

First meeting: 29.10.2025, 2 p.m., introduction (building 11.40, room 126)

Interim reviews: 12.11.2025/26.11.2025/

10.12.2025/14.01.2026/28.01.2026/11.02.2026/

04.03.2026, each meeting begins at 11:00 a.m.

Submission/presentation: 11.03.2026, beginning at 11:00 a.m.

Form of work: individual work

Number of participants: max. 12

Language: German/English

**Urban Design and Housing: Architecture of Living**1731280, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

In the Architecture of Living seminar, we want to do basic research on the spatial, constructional and social characteristics that characterize and change the spaces in which we live. The analyses will not only be used for a typological classification based on floor plans, but will also explicitly explore unusual places and elements within selected apartments or houses. By analyzing specific situations, such as the way a door is opened and closed, we want to discuss what makes a good apartment and how this can be described. How do construction, building methods and materials influence spatial contexts?

Appointment: Wed, 1:30 pm - 3:00 pm, Bldg. 11.40, R 115, Presence

First Meeting: 29.10.2025

Submission/Exam: to be announced

Number of Participants: 15

**Research Seminar/Special Topics of Urban Design: Visibility Studies in the Historic Ensemble of Augsburg: Digital Methods for the Analysis of Visible Roof Structures**1731095, SS 2026, 4 SWS, Language: German, [Open in study portal](#)**Seminar (S)
On-Site**

Content

This research seminar examines the visibility of roof structures within Augsburg's historic ensemble as a basis for precise spatial assessment. Using digital methods—3D city models, GIS-based visibility analyses, and visibility studies—it systematically identifies visible roof surfaces. Conducted in close collaboration with the BLfD and the planning departments of Augsburg and Landsberg am Lech, the study serves as a preliminary analysis for the Solar Framework Plan.

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

First Meeting: 21.04.2026, 9:45 am, Bldg. 11.40, R015

Submission/Exam: 11.08.2026

Number of Participants: 16

Form: teamwork

V

Special Topics of Urban Design: The Big Catalog

1731272, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

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

Content

A house can be designed not only with plans, but also with lists. Component lists for doors, windows, colors, and surfaces, as well as many other parts, reflect a planned or existing building. The sum of all these lists can be referred to as a component catalog. In the seminar, we will use the upcoming renovation of the Faculty of Architecture as an opportunity to create such a component catalog. As an inventory, it forms the basis for projections into the future: What can be maintained and repaired, and how? Which components are no longer suitable and need to be replaced? Such catalogs are indispensable tools for renovation, maintenance, and repair.

Appointment: Wed, 13:30 am - 15:00 pm,

Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 15

T

4.81 Module component: Special Topics of Urban Planning [T-ARCH-111794]

Coordinators: Prof. Dr.-Ing. Joaquín Medina Warmburg

Organisation: KIT Department of Architecture

Part of: M-ARCH-105861 - Special Topics of History of Urban Planning

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each term	1

Courses					
WT 25/26	1741382	History of Construction Technology: History of Architecture/Urban Planning: From Log Construction to Half-Timbering: Wooden Construction in the Middle Ages	2 SWS	Seminar / 🎤	Medina Warmburg, Brehm
WT 25/26	1741383	Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Rheinhafen Karlsruhe	2 SWS	Seminar / 🎤	Medina Warmburg, Garrido
WT 25/26	1741384	Selected Environmental History of Architecture: History of Architecture/Urban Planning: Unbuild Karlsruhe	2 SWS	Seminar / 🎤	Medina Warmburg, Garrido
WT 25/26	1741386	Architecture in Film: History of Architecture/Urban Planning: Courtly Counterworlds (Part 3)	2 SWS	Seminar / 🎤	Medina Warmburg, Silvestri
WT 25/26	1741392	Special Topics of History of Architecture/Urban Planning: Planning: Research into Historic Preservation: Future needs Heritage	2 SWS	Seminar / 🎤	Kurz
WT 25/26	1741393	Special Topics of History of Architecture/Urban Planning: History and Theory of Monument Preservation: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 🔄	Hanschke
ST 2026	1741384	Architecture and the City in Film: History of Architecture/Urban Planning: Symphonies of the Big City - Berlin (Part IV)	2 SWS	Seminar / 🎤	Medina Warmburg
ST 2026	1741385	Environmental History of Architecture: History of Architecture/Urban Planning: Unbuilt Karlsruhe	2 SWS	Seminar / 🎤	Medina Warmburg, Garrido
ST 2026	1741387	History of Cultural Landscapes: History of Architecture/Urban Planning: The City in the Forest. The Waldstadt Settlement Project in Karlsruhe and Karl Selg's Concept of Geo Urbanism	2 SWS	Seminar / 🎤	Medina Warmburg, Silvestri
ST 2026	1741390	Historical Building Research _ Free Student Research Project	2 SWS	Project / 🎤	Medina Warmburg, Busse
ST 2026	1741391	Digital Tools and Methods: History of Architecture/Urban Planning: DESIGN BY CATALOG: Ornamental Systems and Architectural Composition	2 SWS	Seminar / 🎤	Medina Warmburg, Garrido

ST 2026	1741394	Applied Historical Building Research _ Exercise: Summer School at Heilig Kreuztal Monastery	2 SWS	Excursion / 🗺️	Medina Warmburg, Busse
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Legend: 🖥️ Online, 🔄 Blended (On-Site/Online), 📍 On-Site, ✖️ Cancelled

Assessment

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 courses related to this module component:

V

History of Construction Technology: History of Architecture/Urban Planning: From Log Construction to Half-Timbering: Wooden Construction in the Middle Ages

Seminar (S)
On-Site

1741382, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Content

For centuries, wood was the preferred building material in residential construction. Given that it is a perishable material, it is all the more astonishing that numerous wooden buildings from the Middle Ages have survived to this day. Others were replaced by stone buildings precisely because of the fire hazard and can now only be traced through archaeological remains. Due to its widespread use, regional differences can be seen, which are determined by climate, availability of raw materials and fashions. And yet, structural characteristics can also be seen across different cultural circles. This seminar will provide an overview of developments in timber construction in the Middle Ages, an insight into regional characteristics and structural details.

Submission/examination: Presentation and term paper by March 31.03.2026

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Rheinhafen Karlsruhe

Seminar (S)
On-Site

1741383, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

Content

Since its construction at the turn of the 20th century, the Rheinhafen has been a crucial driver of Karlsruhe's industrial and economic development. Acting as a gateway for trade and energy, it reshaped the city's relationship with the Rhine and transformed its urban and environmental landscape.

This seminar proposes to examine the Rheinhafen as a layered urban and infrastructural system, tracing its evolution from industrial port to its current role within the city. Using architectural research and representation tools alongside archival material, cartographic evidence, and on-site documentation, participants will analyze how transport, energy, and industry intersect with environmental conditions. The goal is to compose an "urban biography" of the Rheinhafen, revealing how flows of goods, people, and resources have left lasting marks on Karlsruhe's built environment.

Submission/Exam: presentation and essay due 31.03.2026

Number of Participants: 7

Focus of study: Architectural and Cultural Heritage

V

Selected Environmental History of Architecture: History of Architecture/Urban Planning: Unbuild Karlsruhe

Seminar (S)
On-Site

1741384, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

Content

On its more than three centuries of history, Karlsruhe has been shaped not only by what was built, but also by what remained on paper. From Friedrich Weinbrenner's early 19th-century proposal to weave water canals through the city to radical cultural projects such as OMA's unbuilt design for the ZKM, Karlsruhe has been a testing ground for ambitious visions that never materialized. These unbuilt projects reveal as much about the city's aspirations, politics, and cultural identity as its constructed landmarks.

This seminar investigates a series of unrealized projects through architectural drawings, competition documents, and archival research. By reconstructing their contexts and intentions, participants will explore how design speculation shaped – and sometimes clashed with – Karlsruhe's urban development. Using architectural research methods, representation tools, and comparative analysis, the seminar will culminate in a curated exhibition that presents an “fictional urban biography” of what might have been, revealing alternative trajectories and unrealized futures embedded within the city's history.

Submission/Exam: presentation and essay due 31.03.2026

Number of Participants: 7

Focus of study: Architectural and Cultural Heritage

V

Architecture in Film: History of Architecture/Urban Planning: Courtly Counterworlds (Part 3)

Seminar (S)
On-Site

1741386, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Content

The multi-part seminar series on architecture in film, organized by the Chair of Architectural and Building History, enters its third round this semester. Its main theme is the examination of film art as a genuine and influential medium of modernity with various social phenomena and their built environment. While previous editions of the series focused on the utopian and dystopian counterworlds of “other places” and the motif of the ‘uncanny’ in residential architecture, the current edition focuses on courtly architecture. The focus is on reflecting on the interactions between courtly society and its materialization in the cosmos of the “castle.” In addition, the visualization, evaluation, and distortion of the artistic and political aspects of representative castle architecture in film will be discussed.

The film screening will be followed by an open discussion. The aim of the event is to open up new perspectives on architecture-related topics for participants. Credit for the seminar will be awarded for active participation with preparation, moderation, and follow-up of a film evening.

All interested parties are cordially invited.

Submission/Exam: presentation and essay due 31.03.2026

1. Meeting: 28.10.2025

Dates: 6 doubles sessions in November and December

Number of Participants: 5 bachelor's and 5 master's students, 3 students from KG

Focus of Study: Architectural and Cultural Heritage

V

Special Topics of History of Architecture/Urban Planning: Planning: Research into Historic Preservation: Future needs Heritage

Seminar (S)
On-Site

1741392, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Content

We shape the future with architecture. Why should we preserve things from the past? Which ones—and which ones not? How can preservation be achieved anyway?

The seminar deals with how to deal with architectural heritage. We ask how it can provide orientation for our actions today. In doing so, we identify criteria that can be used to recognize the qualities of existing buildings and approach an “art of preservation” that always includes further development, destruction, and letting go.

One case study is the Weissenhof Estate in Stuttgart, which we will explore on an excursion.

Submission/Exam: Presentation in January and February 2026. Submission of the presentation in written form by March 31, 2026. Case studies and exercises in November and December 2025.

Number of Participants: 8

Focus of study: Architectural and Cultural Heritage

V

Special Topics of History of Architecture/Urban Planning:History and Theory of Monument Preservation: Preservation of Historical Monuments - Theory and Practice

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

1741393, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Content

The preservation and maintenance of historical monuments or monument ensembles is a task that is performed by specialized architectural firms, restorers and monument protection authorities. The seminar gives an insight into selected topics and questions. The focus is on the history and theory of monument preservation, the history of central European town houses, inventory, practical examples of monument preservation and old building renovation as well as legal considerations.

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

Dates will be set by arrangement.

First Meeting online: Thu 29.10.2026, 6 p.m.

Submission/Exam: presentation and paper due 31.03.2025

Number of Participants: 6

Focus of study: Architectural and Cultural Heritage

V

Architecture and the City in Film: History of Architecture/Urban Planning: Symphonies of the Big City - Berlin (Part IV)

1741384, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

As a defining medium of modernity, film has portrayed and critically reflected on urban lifestyles and the associated architectures. In the fourth edition of our film series, we focus on cinematic representations of the city of Berlin and its architecture across the eventful 20th century. The starting point will be an examination of the architectural forms and content of Walter Ruttmann's film "Die Sinfonie der Großstadt" (The Symphony of the Big City, 1927). The other films in the series expand on the spectrum of architectural features characteristic of Berlin and its diverse social fabric. Each film screening will be followed by an open discussion round. The aim of the seminar is to open up new perspectives on architecture-related topics. The seminar will be credited for active participation in the preparation, moderation and follow-up of a film evening.

Number of participants: 15 (6 Bachelor, 6 Master, 2 Art History), open to interested members of the public.

Movie nights: 5 double sessions in May and June

Focus of study: Architectural and Cultural Heritage

V

Environmental History of Architecture: History of Architecture/Urban Planning: Unbuilt Karlsruhe

1741385, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

From Friedrich Weinbrenner's early 19th-century proposal to weave water canals through the city to radical cultural projects such as OMA's unbuilt design for the ZKM, Karlsruhe has been a testing ground for ambitious visions that never materialized. These unbuilt projects reveal as much about the city's aspirations, politics, and cultural identity as its constructed landmarks.

This seminar investigates a series of unrealized projects through architectural drawings, competition documents, and archival research. Using architectural research methods, representation tools, and comparative analysis, the seminar will culminate in a curated exhibition that presents a "fictional urban biography" of what might have been, revealing alternative trajectories and unrealized futures embedded within the city's history.

Submission/Exam: presentation and models till 30.09.2026

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

Focus of study: Architectural and Cultural Heritage

V

History of Cultural Landscapes: History of Architecture/Urban Planning: The City in the Forest. The Waldstadt Settlement Project in Karlsruhe and Karl Selg's Concept of Geo Urbanism

1741387, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The identity of the city of Karlsruhe has, since its founding, been inextricably linked both to its location in the Hardtwald and to the partially clearing of that forest. It was this historical and topographical peculiarity that Karl Selg took up in the 1950s, when he developed a new peripheral housing estate in the eastern part of Karlsruhe. His aim was to create urgently needed new and affordable housing in the post-war period. The project is closely connected with new concepts of context- and nature-sensitive urbanism, as well as with Selg's own concept of "geo-urbanics."

In the seminar, this project and its underlying ideas will be discussed, analysed, and critically communicated on the basis of an extensive archival corpus held at the saai. We will examine original drawings and manuscripts by Karl Selg and seek to situate the project within the broader framework of post-war urbanism. This is also intended as an experimental response to the question of whether, and how, city and forest can be conceived together.

Submission/Exam: presentation and paper due 30.09.2026

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

Focus of study: Architectural and Cultural Heritage

**Historical Building Research _ Free Student Research Project**

1741390, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

Consciously designing the transformation of existing buildings in the context of preservation and renewal requires a fundamental knowledge of the existing structure, its condition, and history, as well as knowledge of the methodological approach within the various strategies for shaping the building stock. This requires a thorough survey, analysis, and evaluation of the existing building fabric. Using a freely chosen object, the current condition and possibilities for future usage configurations are analyzed on the basis of a building survey and exploration of archival materials, inventory plans, and the history of construction and alterations.

1st meeting: Wed 22.04.2026, 2 pm

Appointments by arrangement

Examination/submission: Analysis, drawings and presentation of a topic, multi-part term paper

Submission: 30.09.2026

Number of participants: 8 Master, 8 Art History

Focus of study: Architectural and Cultural Heritage

**Digital Tools and Methods: History of Architecture/Urban Planning: DESIGN BY CATALOG: Ornamental Systems and Architectural Composition**

1741391, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Every ornamental system is also a catalog – a collection of pieces with rules for how they connect, combine, and accumulate. From the classical orders to 19th century cast iron foundry publications, architects have always composed with reproducible parts, connection rules, and combinatorial potential.

The seminar is interested in historical and contemporary ornamental systems, from 19th century industrial terracotta and cast-iron catalogs, to parametric part libraries and computational ornament – decoding their underlying grammars and combinatorial logics. From that research, students will develop an original personal catalog of 3D-printed pieces: profiles, surface patterns, transitions, joints, and elements governed by a coherent internal system.

Submission/Exam: presentation and models due 30.09.2026

Number of participants: 5 BA, 5 MA, 5 Art History

Focus of study: Architectural and Cultural Heritage

**Applied Historical Building Research _ Exercise: Summer School at Heilig Kreuztal Monastery**

1741394, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Excursion (EXK)
On-Site

Content

The expertise required to preserve the substance of listed buildings and develop them in a sustainable manner, balancing the conflicting demands of preservation and renewal, and to consciously shape this process, requires a methodical approach to building exploration and documentation, as well as various strategies for shaping the building stock. This requires a fundamental documentation, analysis, and evaluation of the existing building fabric. During the ten-day summer school, the “long building” of the monastery in Heilig Kreuztal will be examined using digital measurements of the building structure and damage mapping. The history of the building and its alterations will be researched using archival materials and existing plans, and further developed with usage configurations appropriate for listed buildings

Application not via Campus Plus. Application deadline: March 6, 2026, at the State Academy of Fine Arts Stuttgart.

<https://www.abk-stuttgart.de/news/summer-school-denkmalpflege-2026-im-kloster-heiligkreuztal/>

Mandatory excursion 19.-25.07.2026

Examination/submission: Analysis, drawings, and presentation of a topic

Open for Bachelor, Master and Art History

Focus of study: Architectural and Cultural Heritage

T**4.82 Module component: Structural Analysis [T-ARCH-112499]**

Coordinators: Dr. Anette Busse
Organisation: KIT Department of Architecture
Part of: [M-ARCH-106128 - Structural Analysis](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Assessment

Other examination requirements consisting of a term paper including a written and drawn component in accordance with the layout specifications, 10-15 pages DIN A 4.

Prerequisites






none





T

4.83 Module component: Sustainability [T-ARCH-108458]

Coordinators: Prof.Dipl.-Ing. Dirk Hebel
Organisation: KIT Department of Architecture
Part of: [M-ARCH-104078 - Sustainability](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each summer term	1

Courses					
WT 25/26	1720606	Research Seminar/Sustainability: Grassroots Urbanism: Africa's Claim to the Architecture of Belonging	2 SWS	Seminar / 	Hebel, Mamo
WT 25/26	1720607	Research Seminar/Sustainability: Back to Zero – Reducing CO2 Emissions in the Construction Industry through LCA	2 SWS	Seminar / 	Hebel, Boerman
WT 25/26	1720608	Sustainability: Materials Turnaround Lecture Series	2 SWS	Lecture / 	Hebel
ST 2026	1720606	Research Seminar: LOAM +, Loam and natural building materials for a emission free construction industry. A research seminar of the KIT Material Library.	2 SWS	Seminar / 	Hebel, Böhm, Trojer
ST 2026	1720611	Research Seminar/Sustainability: Systemic Balance in Habitat Making: Revisiting the African Traditional Architecture	2 SWS	Seminar / 	Hebel, Mamo

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

Assessment

Other examination requirements consisting of a written composition of a self-chosen topic within the framework of the seminar and in coordination with the examiner.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Research Seminar/Sustainability: Grassroots Urbanism: Africa's Claim to the Architecture of Belonging

1720606, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Africa is in the midst of a birth labor for thousands of new cities. This seminar explores Grassroots Urbanism as an alternative to the conventional models of city making that are top-down and capital-intensive. Instead, it champions community-based and locally sourced urban aggregates as approaches better positioned to trigger sustainable socio-spatial productions. Furthermore, in a continent ravaged by historical dispossession and extractive development, it asserts that a flourishing urban future lies in communities that grow roots in a place thereby cultivating a genuine sense of belonging.

Recognizing the centrality of Architecture in the shaping of places of belonging, the seminar investigates FORCES that directs architecture and urban FORMations. Through discussions, reflections on case studies, and collaborative exercises, the seminar aims to uncover latent potentials in architecture that empowers grassroots in the projection of a sustainable urban future for Africa.

First Meeting: 27.10.2025

Regular Meeting: Mondays, 14.00 - 15.30

Submission/Exam: 09.02.2026

Number of participants: 12

Focus of study: Urban Design

V

Research Seminar/Sustainability: Back to Zero – Reducing CO2 Emissions in the Construction Industry through LCA

Seminar (S)
On-Site

1720607, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Content

The construction industry is responsible for 40% of all CO2 emissions in Germany. In order to meet climate targets, it is necessary to effectively reduce CO2 emissions throughout the entire life cycle of buildings. The seminar teaches the basics of life cycle assessment (LCA) as a tool for determining CO₂ emissions in construction. The focus is on global warming potential (GWP), which arises throughout the building life cycle in materials, construction, operation and demolition. Tools are used to record and evaluate the data in a structured manner. The aim is to quantify the environmental impact of construction measures in a comprehensible manner and to develop a sound understanding of future-oriented planning and construction in times of climate change.

Wednesdays, 9.45-11.15 AM

Bldg. 11.40, Room 26

First Meeting: 29.10.2025

Submission/Exam: 11.02.2026

V

Sustainability: Materials Turnaround Lecture Series

Lecture (V)
Online

1720608, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

Content

The construction sector is a major contributor to global greenhouse gas emissions, waste generation, raw material and energy consumption. The building turnaround that needs to be brought about is directly linked to a material turnaround. On the one hand, the substitution of mineral building materials by natural and secondary building materials is crucial for this, on the other hand strategies of sufficiency and resource efficiency to enable the long overdue transformation in the construction industry.

The lecture series "Material Turnaround" will explain, among other things, the meaning and principles of sustainable action, demonstrate alternatives to the use of mineral building materials, and teach the basics of circular design and construction. The lecture series takes place as a cooperation between the Natural Building Lab (Technical University of Berlin), the Chair of Architecture and Wood Construction (Technical University of Munich) and the Chair of Sustainable Building (Karlsruhe Institute of Technology). This initiative helps to raise awareness for sustainable building methods in order to successfully implement the goals of the building turnaround.

Participating professorships:

Architektur und Holzbau (ATC), Technische Universität München

Nachhaltiges Bauen (IEB), Karlsruher Institut für Technologie

Natural Building Lab (NBL), Technische Universität Berlin

Tuesdays, 03:45-05:15 pm per Zoom

(Link for Zoom is in Ilias-Course)

First Meeting: 28.10.2025

V

Research Seminar: LOAM +, Loam and natural building materials for a emission free construction industry. A research seminar of the KIT Material Library.

Seminar (S)
On-Site

1720606, SS 2026, 2 SWS, Language: German, [Open in study portal](#)

Content

The materials library houses conventional building materials as well as recyclable building materials made from secondary and renewable raw materials. The seminar focuses on loam building materials and other natural building materials used in construction and renovation projects. Loam (along with wood) is one of the oldest building materials known to humankind, and even today, a third of the world's population lives in loam buildings, particularly in Africa, South America, and Asia. In our region, this natural material is experiencing a renaissance thanks to modern advancements such as prefabrication, the production of dry construction materials and the integration of this traditional building material in digital design and construction methods. In conjunction with renewable materials, such as wood, natural insulation or natural paints and plasters, building with loam represents one of many opportunities for addressing the enormous challenges posed by climate change within the construction industry.

During the research seminar, the students will conduct independent and critical research on the mentioned topics. They will examine the life cycles of selected materials in detail in order to integrate sustainable alternatives into the materials library in the form of detailed datasets and physical material samples. The seminar is accompanied by mentoring sessions, workshops, lectures and excursions.

First Meeting: April 21, 2026

Regular Meeting: Tuesdays, 11.30 - 13.00

Submission/Exam: July 21, 2026

Focus of study: Building Technology

V

Research Seminar/Sustainability: Systemic Balance in Habitat Making: Revisiting the African Traditional Architecture

Seminar (S)
On-Site

1720611, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

Content

Contemporary city making is rooted in the ethos of modernity, scripting natural processes as 'the other' with a clear boundary between the lived and the natural spaces. This dichotomous reading of Nature and Culture, which has promoted a continuous, often tense, struggle for the subjugation of nature, is still the foundational spirit that drives our collective strive for growth and transformation. However, traditional African conceptions do not make such a division between **nature and society** – offering a vast field of rediscovery for a more harmonious coexistence and dialogue in and with nature. Though the current rapid urban production is disruptive of this dialogue by being dependent on the global circuit of capital, materials, equipment, and skills, the majority of Africa still depends on traditional productions and localized cycles.

By focusing on a particular geographic region within the vast continent, the seminar will attempt to explore the operational mechanics of **traditional architecture (habitat making)** within the metabolic cycles of the different **ecological zones** of the region. The main aim is to draw vital and timeless values and principles that are foundational in ensuring **stability and balance** in the making of the **Human Habitat**.

First Meeting: 21.04.2026, 2:00 p.m.

Regular Meeting: Tuesday, 2:00 - 3:30 p.m.

Submission/Exam: 21.07.2026

Number of participants: 12

Focus of study: Urban Design

T





4.84 Module component: Technologies for Climate-Friendly Buildings and Urban Districts [T-ARCH-114868]

Coordinators: Prof. Dr.-Ing. Peter Schossig
Organisation: KIT Department of Architecture

Part of: [M-ARCH-107593 - Technologies for Climate-Friendly Buildings and Urban Districts](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each term	1

Courses					
WT 25/26	1720990	Technologies for Climate-friendly Buildings and Neighborhoods	2 SWS	Seminar / 	Schossig

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

Assessment

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

Prerequisites

none

Workload

120 hours

Below you will find excerpts from courses related to this module component:

V

Technologies for Climate-friendly Buildings and Neighborhoods

1720990, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The supply of heating energy to buildings is still the dominant influence on the CO₂ balance of the built environment. In order to achieve the climate target of a climate-neutral building sector, the heat supply in particular must be changed. The lecture will introduce the students to different technologies and enable them to compare them. The focus will be on heating networks and heat pumps, from source availability to rough pre-dimensioning. The course will conclude with an excursion to an example district.

Regular date: Fri 11.30-13.00 hrs,

1st date: Friday 05.04.2025, 11.30 a.m.

oral exam: 27.03.2026

Number of participants: 20

T

4.85 Module component: Theory of Architecture [T-ARCH-107367]

Coordinators: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103625 - Theory of Architecture](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each term	1

Courses					
WT 25/26	1710407	Architectural Theory: Pipe Dreams	2 SWS	Seminar /	Rusak
WT 25/26	1710409	Theory of Architecture: Living Archive!	4 SWS	Seminar /	Gurgenidze-Schmitt
WT 25/26	1710414	Architectural Theory/Research Seminar: Brasil	2 SWS	Seminar /	Wilkinson
ST 2026	1710407	Architectural Theory: Brasil 2	2 SWS	Seminar /	Wilkinson
ST 2026	1710408	Architekturtheorie: Material Geschichten	2 SWS	Seminar /	Hansmann
ST 2026	1710411	Theory of Architecture: Digital Dependencies	2 SWS	Seminar /	Silver
ST 2026	1710413	Architectural Theory: Publishing Architecture	2 SWS	Seminar /	Gurgenidze-Schmitt
ST 2026	1710417	Architekturtheorie: Women Build Baden Württemberg!	2 SWS	Seminar /	

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

Assessment

Other examination requirements consisting of the active participation in class (oral and written discussion contributions as well as oral presentations) as well as a study assignment whose scope and form depends on the respective task set.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Architectural Theory: Pipe Dreams

1710407, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

While we often think of space as something abstract, it is shaped by a range of infrastructural systems. The seminar will investigate how existing infrastructural networks—roads, railways, electricity grids, oil pipelines, internet cables and waste systems—provide a concrete physical form to the abstract political idea of a united Europe. The seminar is particularly interested in the physical materiality of mundane infrastructural objects and their generative (and often violent) spatial effects.

During the semester, we will read key texts on the politics of infrastructure and investigate political imaginaries of selected systems. Karlsruhe, an envisioned European oil and data hub in the 1970s, will provide a helpful departure point. We will map the spatial impact of selected infrastructures and envision alternative futures more responsive to the contemporary climate emergency.

The seminar will take place 10 x Mon 9.45-11.15

Fri 6.02.26. 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Mon 03.11.25. 9.45-11.15

Mon 10.11.25. 9.45-11.15

Mon 17.11.25. 9.45-11.15

Mon 24.11.25. 9.45-11.15

Mon 01.12.25. 9.45-11.15

Mon 08.12.25. 9.45-11.15

Mon 15.12.25. 9.45-11.15

Mon 12.01.26. 9.45-11.15

Mon 19.01.26. 9.45-11.15

Mon 26.01.26. 9.45-11.15

Fri 6.02.26. 17:00-20:00

Field Trip (TBD)

Number of Participants: 7

**Theory of Architecture: Living Archive!**

1710409, WS 25/26, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

This seminar will explore architectural elements such as façades, balconies, windows, and ground floors, viewing them not only as functional components but also as cultural, social, and political symbols. We will analyze how these elements acquire new meanings over time, reflecting local identities, economic conditions, and broader historical shifts.

The case study of Georgia is particularly compelling, as the collapse of the Soviet Union sparked a radical transformation of its built environment. The privatization of housing allowed residents to modify standardized housing blocks, leading to self-made alterations that continue to shape urban identity. By situating Georgia's example within a broader architectural discourse, the seminar will illustrate how seemingly ordinary details can embody dynamic processes of change and serve as living archives of collective experience.

Focus of study: *Architectural and Cultural Heritage*

The seminar will take place 2 x Mon 11:30-13:00 & 14:00-15:30 & 3 x Fri 14:00-15:30 & 15:45-17:15

Fri 6.02.26. 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Mon 10.11.25. 11:30-13:00 & 14:00-15:30

Fri 5.12.25. 14:00-15:30 & 15:45-17:15

Mon 15.12.25. 11:30-13:00 & 14:00-15:30

Fri 16.01.26. 14:00-15:30 & 15:45-17:15

Fri 30.01.26. 14:00-15:30 & 15:45-17:15

Fri 6.02.26. 17:00-20:00

Field Trip (TBD)

**Architectural Theory/Research Seminar: Brasil**

1710414, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The theory and historiography of modern architecture, long focused on the global north, is beginning to be decentred. But one global south nation has always held a prominent role in this story, despite its supposedly peripheral status: Brazil. In this seminar, we will discuss the use of the nation as an epistemological category, models of relative development in architectural history, and the theoretical contributions that have developed out of Brazil's very particular conditions: vast in scale and disparity, and shaped by colonialism, dictatorship, immigration and slavery.

The seminar will take place 6 x Fri 9:45-11:15 & 11:30-13:00.

Fri 6.02.26. 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**Architectural Theory: Brasil 2**

1710407, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

After the Brazilian military dictatorship of 1964-85, the return to democracy brought a new approach to nation-building and new challenges in society and architecture. The decline of state-directed developmentalism meant a decline in massive representative projects. Meanwhile, longstanding questions of inequality remain unresolved, with Afro-Brazilians and indigenous peoples still excluded from political and cultural representation and economic opportunity – including within architecture. In this seminar, we will discuss case studies and texts about contemporary Brazilian architecture, in which these problems are addressed.

Focus of study: Architectural and Cultural Heritage

The seminar will take place 6 x Tue 9:45-11:15 & 14:00-15:30.

16.7.2026 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**Architekturtheorie: Material Geschichten**

1710408, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In the seminar "Material Stories," we focus on the everyday life of the things we use to build. We embark on a journey into the social and ecological relationships we cultivate through building processes. Every construction activity has an impact—both directly on site and in countless other places, locally in the neighborhood and globally in the Earth system. In this seminar, you will research and develop your own narrations and produce small but scientifically researched insights into the complex relationships and dependencies of the "German" construction industry and architecture.

The best work from the seminar will be published on the Material Networks platform: <https://blogs.hoou.de/materialnetworks/>

Focus of study: Architectural and Cultural Heritage

The seminar will take place 6 x Wed 8:00-11:15.

16.7.2026 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Language: German Texts in English, Submission possible in English

**Theory of Architecture: Digital Dependencies**

1710411, SS 2026, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Can you feel it? The line which seemed to separate the URL from the IRL is breaking down: Are the Memetic Aesthetics in the room with us right now? Or is it just that Karlsruhe's winter sky is the same grey shade as your Rhino viewport? Or has this always been the case as long as our architectural practices have been digital? During this semester we will explore architecture's "digital dependencies," through a combination of presentations, demos, interactive exercises, and reading-based critical discussions. The semester will culminate in a final research project exploring these modes of dependency while posing a possible "architectural counter-computing."

Focus of study: Architectural and Cultural Heritage

The seminar will take place 7 x Monday 9:45-11:15 plus 2 x double sessions Monday 09:45-13:00

16.7.2026 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Mo 20.04.26 9:45-11:15

Mo 27.04.26 9:45-11:15

Mo 04.05.26 9:45-11:15

Mo 11.05.26 9:45-11:15

Mo 01.06.26 9:45-13:00 [double]

Mo 08.06.26 9:45-11:15

Mo 15.06.26 9:45-11:15

Mo 22.06.26 9:45-11:15

Mo 06.07.26 9:45-13:00 [double]

**Architectural Theory: Publishing Architecture**1710413, SS 2026, 2 SWS, Language: English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

This seminar explores diverse formats for publishing about architecture, from academic journals to independent zines. Students will investigate the contemporary publishing landscape through readings, case studies and guest lectures from an architectural publisher and magazine editor. Through writing workshops and production sessions, students will develop their critical writing, visual editing and editorial collaboration skills. The seminar culminates in the collective production of an architectural zine, with each student contributing original critical writing on contemporary architecture, theory or practice.

Focus of study: Architectural and Cultural Heritage

The seminar will take place 6 x Mo 11:30-13:00 plus 3 x double sessions on Tue 9:45-11:15 & 11:30-13:00
16.7.2026 17:00-20:00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Mo 20.04.26 11:30-13:00

Mo 04.05.26 11:30-13:00

Mo 18.05.26 11:30-13:00

Mo 01.06.26 11:30-13:00

Mo 08.06.26 11:30-13:00

Tue 09.06.26 9:45-11:15 & 11:30-13:00

Mo 22.06.26 11:30-13:00

Tue 23.06.26 9:45-11:15 & 11:30-13:00

Tue 07.07.26 9:45-11:15 & 11:30-13:00

**Architekturtheorie: Women Build Baden Württemberg!**1710417, SS 2026, 2 SWS, Language: German, [Open in study portal](#)**Seminar (S)
On-Site****Content**

This seminar is part of the research project "Frauen Bauen Baden-Württemberg im saai" and aims to identify and make visible female architects of the 20th century in Baden-Württemberg who are still underrepresented in architectural history. Our work involves researching archival material, analyzing networks of female architects, creating reference plans for selected building projects, and, where appropriate, conducting oral history interviews. The results will be published on the "Frauen Bauen" platform in the form of biographical texts and project descriptions and simultaneously integrated into the saai's holdings.

Architectural and Cultural Heritage

Wed 22.04.26 11:30-13:00 & 14:00-15:30 [Introduction & SAAI-Tour]

Wed 06.05.26 10:00-17:00 [Excursion to Stuttgart, GEDOK-House]

Wed 20.05.26 11:30-13:00 & 14:00-15:30

Wed 27.05.26 11:30-13:00 & 14:00-15:30

Wed 03.06.26 11:30-13:00 & 14:00-15:30

Wed 24.06.26 8:00-11:15 10:00-17:00 [Individual consultations]

tba Final Event

T


4.86 Module component: Timber Structures: Materials and Appropriate Design [T-ARCH-113853]





Coordinators: Prof. Dr.-Ing. Riccardo La Magna

Organisation: KIT Department of Architecture

Part of: [M-ARCH-106916 - Timber Structures: Materials and Appropriate Design](#)

Type	Credits	Grading	Term offered	Expansion	Version
Oral examination	4 CP	graded	Each winter term	1 semesters	1

Courses					
WT 25/26	6213904	Timber Structures: Materials and Appropriate Design	4 SWS	Lecture / Practice / 	Sandhaas, Frese, La Magna, Bechert, Paul, Bertram, Sickinger

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

Assessment

Oral examination lasting approx. 30 minutes

Below you will find excerpts from courses related to this module component:

V

Timber Structures: Materials and Appropriate Design

6213904, WS 25/26, 4 SWS, Language: German, [Open in study portal](#)

Lecture / Practice (VÜ)
On-Site

Content

The interdisciplinary seminar "Timber Structures: Materials and Appropriate Design" covers the building material wood, the derived construction products, and their appropriate application. It addresses issues in timber construction and their backgrounds (hygroscopicity, anisotropy, heterogeneity, biological properties) and derives methods for developing robust and reliable timber construction details in practice.

Furthermore, it discusses typical load-bearing structures in timber construction, their load-bearing mechanisms, the necessary construction and connection elements, and their advantages and disadvantages. This includes examining various damage scenarios and their causes to prevent such damage in the future and to design durable constructions.

At the end of the semester, the theoretical foundations are applied in a series of practical workshops. The aim is to learn how to use hand tools such as saws, planes, chisels, and others, and to produce traditional carpentry joints.

This seminar serves in addition as preparation for the interdisciplinary design seminar "Interdisciplinary Structural Development in Timber Construction," which is offered in the summer semester.

1st meeting: Fri. 31.10.2025; 2:00 p.m.

Rule date: Fri. 2:00 p.m. – 5:15 p.m.

Delivery/Examination: after announcement

Number of participants: 12 + 2

Organizational issues



Diese Veranstaltung ist auch für Studierende der Architektur am KIT offen. Die Inhalte der mündlichen Prüfung werden für diese angepasst (= 4 ECTS).




T

4.87 Module component: Urban Design and Housing [T-ARCH-111167]

Coordinators: Prof. Christian Inderbitzin
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105563 - Urban Design and Housing](#)

Type	Credits	Grading	Term offered	Expansion	Version
Examination of another type	4 CP	graded	Each term	1 semesters	1

Courses					
WT 25/26	1731280	Urban Design and Housing: Architecture of Living	2 SWS	Seminar / 	Inderbitzin, Schmitt, Savic
ST 2026	1731282	Urban Design and Housing: Architecture of Living	2 SWS	Seminar / 	Clauss, Inderbitzin, von Zepelin, Nalbach, Schmitt, Savic

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

Below you will find excerpts from courses related to this module component:

V

Urban Design and Housing: Architecture of Living

1731280, WS 25/26, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

In the Architecture of Living seminar, we want to do basic research on the spatial, constructional and social characteristics that characterize and change the spaces in which we live. The analyses will not only be used for a typological classification based on floor plans, but will also explicitly explore unusual places and elements within selected apartments or houses. By analyzing specific situations, such as the way a door is opened and closed, we want to discuss what makes a good apartment and how this can be described. How do construction, building methods and materials influence spatial contexts?

Appointment: Wed, 1:30 pm - 3:00 pm, Bldg. 11.40, R 115, Presence

First Meeting: 29.10.2025

Submission/Exam: to be announced

Number of Participants: 15

V

Urban Design and Housing: Architecture of Living

1731282, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

In the Architecture of Living seminar, we aim to explore in the sense of basic research, which spatial, structural and social characteristics shape and transform the spaces in which we live. Our analyses will serve not only as a typological classification based on floor plans, but also as a means of delving deeper into unusual places and elements within selected houses and flats. By examining specific features, such as the type of door hinge and opening, we will discuss what constitutes a good home and how this can be defined. How do construction methods and materials influence spatial relationships?

The results of the seminar series will gradually be documented in a large collection of exemplary residential buildings.

Appointment: Wed, 13:30 am - 15:00 pm,

Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 15

T

4.88 Module component: Urban Design Specialization [T-ARCH-111328]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105671 - Urban Design Project](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	2 CP	Graded	Each term	1

Courses					
WT 25/26	1731061	Advanced Urban Design Project Studies: Repertoire of Urban Districts and Typologies (Neppl)	1 SWS	/ 🗎	Neppl, Krüger, Hetey
WT 25/26	1731066	Advanced Urban Design Project Studies (Neppl): Compact Seminar on “Barrier-Free and Generation-Appropriate” Design with Self-Awareness Training		Project / 🗎	Neppl
WT 25/26	1731161	Advanced Urban Design Project Studies (Engel): Discussing Lasnamäe	1 SWS	/ 🗎	Engel, Staab, Vollmer
WT 25/26	1731211	Advanced Urban Design Project Studies (Schifferli)	1 SWS	/ 🗎	Schifferli
ST 2026	1731061	Advanced Urban Design Project Studies: Former Lisnave Shipyards: Research, Analytics and Publication (Neppl)	1 SWS	/ 🗎	Neppl, Giralt, Haug
ST 2026	1731161	Advanced Urban Design Project Studies (Engel): Workshop Pfinztal	2 SWS	Seminar / 🗎	Engel, Böcherer, Vollmer
ST 2026	1731211	Advanced Urban Design Project Studies: Think Garden (Schifferli)	1 SWS	/ 🗎	Schifferli, Zuber, Wasik, Viohl

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

Assessment

Other examination requirements consisting of performance during the semester for theoretical or practical consolidation of the design topic, as a rule, of a project work with drawings whose scope depends on the respective task assigned or of an oral talk of approx. 15 minutes duration and a written paper on it encompassing approx. 20 pages or an equivalent assessment which has to be coordinated with the examiner.

Workload

60 hours

Below you will find excerpts from courses related to this module component:

V

Advanced Urban Design Project Studies: Repertoire of Urban Districts and Typologies (Neppl)

1731061, WS 25/26, 1 SWS, Language: German, [Open in study portal](#)

On-Site

Content

The former industrial city of Mulhouse consists of a variety of different urban structures, each with its own specific typologies. Understanding typologies and floor plans is essential for both the development of new urban districts and the transformation of historically grown neighbourhoods.

In the advanced design course, each group will analyse one urban district of Mulhouse and examine various typologies in detail. The aim of the advanced course is, on the one hand, to gain a better understanding of the different characters of the urban districts and, on the other hand, to obtain a diverse repertoire of building typologies that can be accessed in further design work. The results are presented and made available to all design participants in a short presentation.

The course can only be chosen in connection with the corresponding urban design course and is mandatory for it.

Dates: Thu, 2:00 p.m.-3:30 p.m. 11.40, EG, R015

Exam: 26.02.2026

V

Advanced Urban Design Project Studies (Nepl): Compact Seminar on “Barrier-Free and Generation-Appropriate” Design with Self-Awareness Training Project (PRO) On-Site

1731066, WS 25/26, SWS, Language: German, [Open in study portal](#)

Content

Seminars and workshops on accessibility / self-awareness courses for students:

Before the students begin their work, the participating educational institutions are offered seminars on the criteria for accessibility and on self-awareness of various forms of disability. The compact seminars and workshops are conducted by employees of the State Center for Accessibility and the associations.

The events are scheduled and coordinated by the participating universities.

The assignment consists of an in-depth examination of a subtopic of the respective event with corresponding elaboration and documentation.

The event can only be chosen in connection with the corresponding urban planning project and is mandatory for it.

Dates: in agreement/ Further information on October 24

Submission: 28.02.2026

V

Advanced Urban Design Project Studies (Engel): Discussing Lasnamäe

1731161, WS 25/26, 1 SWS, Language: English, [Open in study portal](#)

On-Site

Content

The design work is being carried out in cooperation with local stakeholders—the Estonian Academy of Arts (EKA), the city planning office, and initiatives of the civil society such as the NGO Lasna!dee in Tallinn. In order to keep the participating partners and the interested public informed about the progress of the design, a blog will be established, on which weekly highlights of the project activities as well as notes and comments will be posted.

Appointment: Thu 14:00-16:00 h, bldg. 11.40 R013 res.

First Meeting: Fr. 31 Oct. / Mo. 03 Nov., 2025, 14:00 h Bldg. 11.40 R013

Submission/Exam: Fr. 06 March, 2026

Form: Teams of 2

The course can only be chosen in combination with the related design "Lasna!dee. Perspectives for Resilient Neighbourhoods in Kuristiku / Tallinn" and is obligatory for it.

V

Advanced Urban Design Project Studies (Schifferli)

1731211, WS 25/26, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

The exact content will be defined during the course of the semester. The course can only be selected in conjunction with the corresponding GARTEN DENKEN design project and is compulsory for this project.

First meeting: 30.10.2025, introduction at 10:00 a.m., AI-image tutorial at 2:00 p.m., (building 11.40, room 106)

Interim reviews: 17.11.2025/15.01.2026/12.02.2026, each meeting begins at 8:00 a.m.

Submission/presentation: 26.02.2026, beginning at 10:00 a.m.

Form of work: individual work

V

Advanced Urban Design Project Studies: Former Lisnave Shipyards: Research, Analytics and Publication (Neppl)1731061, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

As an extension of the urban master design studio, this course accompanies the project through a comparative research and analysis of selected international waterfront developments. The study focuses on their spatial structures, urban typologies, mix of uses, and numeric urban planning parameters to derive spatial principles and transferable strategies for the transformation of the former Lisnave Shipyards.

In addition, a documentation is being compiled that summarises the studio's design proposals. The aim is to subsequently publish the results in a print and online documentation.

This course can only be chosen in connection with the corresponding urban design project and is compulsory for this project.

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

Exam: 06.08.2026

V

Advanced Urban Design Project Studies (Engel): Workshop Pfinztal1731161, SS 2026, 2 SWS, Language: German/English, [Open in study portal](#)Seminar (S)
On-Site**Content**

As transport planners, urban planners and architects, we are the experts in planning our living environment. However, many everyday challenges remain invisible to us as external professionals. This is where residents can provide essential knowledge about their living environment, existing conflicts and community needs. In Pfinztal, we aim to learn from citizens as local experts. We will organize an on-site workshop bringing together professionals and engaged citizens to discuss the needs and goals for the future development of Pfinztal. The ideas generated during the workshop will be synthesized to be used in the design work.

Appointments: Thu 14:00-16:00 pm, 11.40 R 013

First meeting: Thu April 23, 10:00 am, 11.40 R013

Submission/Exam: July 2, 2026

Form: Teamwork

The course can only be chosen in conjunction with the corresponding design (Blue-Green Transformation. Reimagining Spinning Mill Area in Ettlingen. (Engel)) and is mandatory for this course.

V

Advanced Urban Design Project Studies: Think Garden (Schifferli)1731211, SS 2026, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content


The exact content will be defined during the course of the semester. The course can only be selected in conjunction with the corresponding GARTEN DENKEN design project and is compulsory for this project.





T

4.89 Module component: Urban Typologies [T-ARCH-107374]

Coordinators: Prof. Markus Nepl
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103632 - Urban Typologies](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	Graded	Each summer term	1

Courses					
ST 2026	1731097	Urban Typologies: Architecture Journalism Workshop: We Write About Architecture	4 SWS	Seminar / 	Coenen

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

Assessment

Other examination requirements consisting of an oral presentation of the work results (duration approx. 15 minutes).

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Urban Typologies: Architecture Journalism Workshop: We Write About Architecture Seminar (S)
 1731097, SS 2026, 4 SWS, Language: German, [Open in study portal](#) **On-Site**

Content

The media report on architecture in different ways and forms. The seminar looks behind the scenes of newspaper editorial offices and provides information on the basics and practices of architectural journalism. After an introduction to the present and history of journalism in general and architectural journalism in particular, the seminar participants slip into the role of journalists. They research on-site under supervision and write articles about architecture, urban planning, and monument preservation. Journalistic forms of presentation such as interviews, reports, reportage, criticism, and portrait are practiced and illustrated with their photos. Excursions are offered for the research. No previous knowledge is necessary.

Dates: <https://ulrichcoenen.de/SS26.htm>

First Meeting: 21.04.2026, 5:30 pm, Bldg.11.40, R015

Excursions: 19.05., 09.06., 20.06. and 30.06.2026

Submission/Exam: 18.08.2026

Number of Participants: 15



Focus of study: Urban Design




T

4.90 Module component: Virtual Engineering [T-ARCH-107360]

Coordinators: Prof. Dr.-Ing. Petra von Both
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103618 - Virtual Engineering](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Each summer term	1

Courses					
WT 25/26	1720704	Virtual Engineering: How to BIM	4 SWS	Lecture / Practice / 	von Both, Schöner, Sartorius, Koch
ST 2026	1720704	Virtual Engineering: How to BIM (von Both)	4 SWS	Lecture / Practice / 	von Both, Sartorius, Schöner

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

Assessment

The main focus of the other examination requirement is producing a digital model, its written/drawn composition and the digital documentation. In addition, a 15-minute presentation and a discussion of the results takes place.

Prerequisites

none

Below you will find excerpts from courses related to this module component:

V

Virtual Engineering: How to BIM

1720704, WS 25/26, 4 SWS, Language: German/English, [Open in study portal](#)

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

Content

Five good reasons why architects should develop their plans not only in 3D but also in accordance with BIM are:

- Time savings when drawing,
- Error prevention,
- Transparency in planning,
- Cross-program and cross-trade interoperability of building models,
- and simplifying communication with project participants.

This course offers a practical introduction with supplementary theoretical content on BIM methodology. It starts with a provided 3D model (status: "Leistungsphase 2"). Over the course of the semester, this model will be further developed in accordance with BIM standards up to "Leistungsphase 6".

Weekly assignments ensure continuous consolidation of the content and enable a structured, practice-oriented learning approach.

Prerequisites for participation are: Prior knowledge of ArchiCAD. An MS Teams university account. The current version of ARCHICAD.

Schedule: Weekly 1.5-hour lecture followed by 1.5 hours of exercises.

Examination of another kind

Regular Dates: Seminar: Mo 9:45-11:15 am, Exercise: 11:30 am -1:00 pm, Geb. 20.21 K-Pool

First Appointment: Monday, 2025/10/27, 9:45 am - 1:00 pm, Geb. 20.21 K-Pool

Examination Date: Tuesday, 2026/03/02

Organizational issues

Master

Voraussetzung: ArchiCAD Vorkenntnisse

V

Virtual Engineering: How to BIM (von Both)

1720704, SS 2026, 4 SWS, Language: German, [Open in study portal](#)

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

Content**Prior knowledge of ARCHICAD is required to participate in this course!**

Five good reasons why architects should develop their plans not only in 3D but also in accordance with BIM are:

- Time savings when drawing,
- Error prevention,
- Transparency in planning,
- Cross-program and cross-trade interoperability of building models
- and simplifying communication with project participants.

This course offers a practical introduction with supplementary theoretical content on BIM methodology. It starts with a prepared 3D model (status: "Leistungsphase 2"). Over the course of the semester, this model is further developed in accordance with BIM up to "Leistungsphase 6", and the BIM methodology is applied.

Weekly assignments ensure continuous consolidation of the content and enable a structured, practice-oriented learning approach.

Prerequisites for Participation are: Prior knowledge of ARCHICAD, an MS Teams university account and the current version of ARCHICAD.

Schedule: Weekly 1.5-hour lecture and 1.5-hour exercise

Seminars + Exercises: Seminars are given in German, Presence and Online if required

First Meeting: Mo 20.04.2026, 9:45 -13:00 , **Geb. 20.21 Raum E-Pool**

Appointments: Mo 09:45 -13:00

Submission/Exam: Mo 10.08.2026, Examination of other type

Number of Participants: 10 + 2 Erasmus

Organizational issues

Master



Für die Teilnahme dieses Kurses werden Vorkenntnisse in ARCHICAD vorausgesetzt!





T

4.91 Module component: Visit Lecture Series Master [T-ARCH-109978]

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

Type	Credits	Grading	Term offered	Version
Coursework	1 CP	pass/fail	Each term	1

Courses					
WT 25/26	1700000	Karlsruhe Architecture Lectures		/ 	Engel
ST 2026	1700000	Karlsruher Architekturvorträge "Skizzenwerk"		/ 	Engel

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

Workload

30 hours

Below you will find excerpts from courses related to this module component:

V

Karlsruhe Architecture Lectures1700000, WS 25/26, 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 2026, 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**4.92 Module component: Wildcard [T-ARCH-107420]****Organisation:** KIT Department of Architecture**Part of:** [M-ARCH-105682 - Key Qualifications](#)

Type	Credits	Grading	Term offered	Version
Coursework	4 CP	pass/fail	Each term	1

Prerequisites

none

T**4.93 Module component: Workshop Impromptu Designs [T-ARCH-108459]**

Coordinators: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-104079 - Workshop Impromptu Designs](#)

Type	Credits	Grading	Term offered	Version
Examination of another type	4 CP	graded	Irregular	1

Amtliche Bekanntmachung

2021

Ausgegeben Karlsruhe, den 05. März 2021

Nr. 11

I n h a l t

Seite

**Studien- und Prüfungsordnung des Karlsruher
Instituts für Technologie (KIT) für den
Masterstudiengang Architektur**

39

**Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie
(KIT) für den Masterstudiengang Architektur****vom 04. März 2021**

Aufgrund von § 10 Absatz 2 Ziff. 4 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 1 des Zweiten Gesetz zur Weiterentwicklung des Karlsruher Instituts für Technologie (Zweites KIT-Weiterentwicklungsgesetz – 2- KIT-WG) vom 04. Februar 2021 (GBl. S. 83 ff.) 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 1 des Vierten Hochschulrechtsänderungsgesetz (4. HRÄG) vom 17. Dezember 2020 (GBl. S. 1204 ff.), hat der Senat des KIT am 15. Februar 2021 die folgende Studien- und Prüfungsordnung für den Masterstudiengang Architektur beschlossen.

Der Präsident hat seine Zustimmung gemäß § 20 Absatz 2 Satz 1 KITG i.V.m. § 32 Absatz 3 Satz 1 LHG am 04. März 2021 erteilt.

Inhaltsverzeichnis**I. Allgemeine Bestimmungen**

- § 1 Geltungsbereich
- § 2 Ziele des Studiums, akademischer Grad
- § 3 Regelstudienzeit, Studienaufbau, Leistungspunkte
- § 4 Modulprüfungen, Studien- und Prüfungsleistungen
- § 5 Anmeldung und Zulassung zu den Modulprüfungen und Lehrveranstaltungen
- § 6 Durchführung von Erfolgskontrollen
- § 6 a Erfolgskontrollen im Antwort-Wahl-Verfahren
- § 6 b Computergestützte Erfolgskontrollen
- § 7 Bewertung von Studien- und Prüfungsleistungen
- § 8 Wiederholung von Erfolgskontrollen, endgültiges Nichtbestehen
- § 9 Verlust des Prüfungsanspruchs
- § 10 Abmeldung; Versäumnis, Rücktritt
- § 11 Täuschung, Ordnungsverstoß
- § 12 Mutterschutz, Elternzeit, Wahrnehmung von Familienpflichten
- § 13 Studierende mit Behinderung oder chronischer Erkrankung
- § 14 Modul Masterarbeit
- § 15 Zusatzleistungen
- § 15 a Überfachliche Qualifikationen
- § 16 Prüfungsausschuss
- § 17 Prüfende und Beisitzende
- § 18 Anerkennung von Studien- und Prüfungsleistungen, Studienzeiten

II. Masterprüfung

§ 19 Umfang und Art der Masterprüfung

§ 20 Bestehen der Masterprüfung, Bildung der Gesamtnote

§ 21 Masterzeugnis, Masterurkunde, Diploma Supplement, Transcript of Records und Zusatzbescheinigung

III. Schlussbestimmungen

§ 22 Bescheinigung von Prüfungsleistungen

§ 23 Aberkennung des Mastergrades

§ 24 Einsicht in die Prüfungsakten

§ 25 Inkrafttreten, Übergangsvorschriften

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 Masterprüfungsordnung regelt Studienablauf, Prüfungen und den Abschluss des Studiums im Masterstudiengang Architektur am KIT.

§ 2 Ziel des Studiums, akademischer Grad

(1) Im konsekutiven Masterstudium sollen die im Bachelorstudium erworbenen wissenschaftlichen Qualifikationen weiter vertieft, verbreitert, erweitert oder ergänzt werden. Ziel des Studiums ist die Fähigkeit, die wissenschaftlichen Erkenntnisse und Methoden selbstständig anzuwenden und ihre Bedeutung und Reichweite für die Lösung komplexer wissenschaftlicher und gesellschaftlicher Problemstellungen zu bewerten.

(2) Aufgrund der bestandenen Masterprüfung wird der akademische Grad „Master of Science (M.Sc.)“ für den Masterstudiengang Architektur verliehen.

§ 3 Regelstudienzeit, Studienaufbau, Leistungspunkte

(1) Die Regelstudienzeit beträgt vier 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 § 19 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 120 Leistungspunkte.

(5) Lehrveranstaltungen werden nach vorheriger Ankündigung auch in englischer Sprache angeboten.

§ 4 Modulprüfungen, Studien- und Prüfungsleistungen

(1) Die Masterprüfung 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.

(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. Auch die Anmeldung der Masterarbeit erfolgt im Studierendenportal, näheres 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.

(3) Zu einer Erfolgskontrolle ist zuzulassen, wer

1. in den Masterstudiengang Architektur am KIT eingeschrieben ist; die Zulassung beurlaubter Studierender ist auf Prüfungsleistungen gemäß § 14 Abs. 7 Satz 1 der Zulassungs- und Immatrikulationsordnung 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 Masterstudiengang 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 zu versagen, wenn die in Absatz 3 und 4 genannten Voraussetzungen nicht erfüllt sind. Die Zulassung kann versagt werden, wenn die betreffende Erfolgskontrolle bereits in einem grundständigen Bachelorstudiengang am KIT erbracht wurde, der Zulassungsvoraussetzung für diesen Masterstudiengang gewesen ist. Dies gilt nicht für bereits erbrachte Mastervorzugsleistungen. Zu diesen ist eine Zulassung nach Maßgabe von Satz 1 ausdrücklich zu genehmigen.

§ 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 Qualifikationsziele 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/Prüfender und Studierender bzw. Studierendem können die Art der Prüfungsleistung sowie die Prüfungssprache auch nachträglich geändert werden; im ersten Fall ist jedoch § 4 Abs. 4 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 unverhältnismäßig 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 der 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 Abände-

rungen entnommen wurde.“ Trägt die Arbeit diese Erklärung nicht, wird sie nicht angenommen. Die wesentlichen Gegenstände und Ergebnisse einer solchen Erfolgskontrolle sind in einem Protokoll festzuhalten.

§ 6 a Erfolgskontrollen im Antwort-Wahl-Verfahren

Für die Durchführung von Erfolgskontrollen im Antwort-Wahl-Verfahren findet die Satzung des Karlsruher Instituts für Technologie (KIT) zur Durchführung von Erfolgskontrollen im Antwort-Wahl-Verfahren in der jeweils gültigen Fassung Anwendung.

§ 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 Betreuung zu gewährleisten, insbesondere ist die Erfolgskontrolle in Anwesenheit einer fachlich sachkundigen Person durchzuführen. 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.
- (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 gewichteten 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 Masterprüfung, 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 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 Aus-

nahmefällen 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 Masterarbeit kann bei einer Bewertung mit „nicht ausreichend“ (5,0) einmal wiederholt werden. Eine zweite Wiederholung der Masterarbeit ist ausgeschlossen.

§ 9 Verlust des Prüfungsanspruchs

Ist eine nach dieser Studien- und Prüfungsordnung erforderliche Studien- oder Prüfungsleistung endgültig nicht bestanden oder die Masterprüfung bis zum Ende des Prüfungszeitraums des achten 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 Frist zu stellen.

§ 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. Danach ist eine Abmeldung nur direkt bei der Prüferin/dem Prüfer möglich. Erfolgt die Abmeldung gegenüber dem/der Prüfenden, hat diese/r Sorge zu tragen, dass die Abmeldung im Studierendenportal 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 Masterarbeit 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.

§ 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) Es gelten die Vorschriften des Gesetzes zum Schutz von Müttern bei der Arbeit, in der Ausbildung und im Studium (Mutterschutzgesetz – MuSchG) in seiner jeweils geltenden Fassung. 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 Masterarbeit 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 von Studierenden 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 einem anderen Zeitraum oder einer anderen Form zu erbringen. Insbesondere ist Studierenden mit Behinderung oder chronischer Erkrankung 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 § 19 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 Masterarbeit

(1) Voraussetzung für die Zulassung zum Modul Masterarbeit ist, dass die/der Studierende Modulprüfungen im Umfang von zumindest 86 LP erfolgreich abgelegt hat. Über Ausnahmen entscheidet der Prüfungsausschuss auf Antrag der/des Studierenden.

(1 a) Dem Modul Masterarbeit sind 30 LP zugeordnet. Es besteht aus der Masterarbeit und einer Präsentation. Die Bearbeitung und Präsentation hat nach dem vom Prüfungsausschuss vorgegebenen Zeitplan zu erfolgen. Dieser für alle Studierende einheitliche Zeitplan wird mit der Masterarbeit ausgegeben.

(2) Die Masterarbeit ist ein architektonischer Entwurf mit begleitender wissenschaftlicher Ausarbeitung. Näheres regelt das Modulhandbuch. Das Thema der Masterarbeit 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 § 17 Abs. 2 und 3 zur Vergabe des Themas berechtigen. Den Studierenden ist Gelegenheit zu geben, für das Thema Vorschläge zu machen. Art und Weise sowie Ausübung des Vorschlagsrechts regelt das Modulhandbuch. Soll die Masterarbeit außerhalb der KIT-Fakultät für Architektur angefertigt werden, so bedarf dies der Genehmigung durch den Prüfungsausschuss. Die Masterarbeit 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 Masterarbeit erhält. Die Ausgabe des Themas erfolgt in diesem Fall über die/den Vorsitzende/n des Prüfungsausschusses.

(3) Thema, Aufgabenstellung und Umfang der Masterarbeit sind von dem /der Prüfenden so zu begrenzen, dass sie mit dem in Absatz 4 festgelegten Arbeitsaufwand bearbeitet werden kann.

(4) Die Masterarbeit 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 23 Wochen. Thema und Aufgabenstellung sind an den vorgesehenen Umfang anzupassen. Der Prüfungsausschuss legt fest, in welchen Sprachen die Masterarbeit geschrieben werden kann. Auf Antrag des Studierenden kann der/die Prüfende genehmigen, dass die Masterarbeit in einer anderen Sprache als Deutsch geschrieben wird.

(5) Bei der Abgabe der Masterarbeit 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 lautet wie folgt: „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 Masterarbeit mit „nicht ausreichend“ (5,0) bewertet.

(6) Der Zeitpunkt der Ausgabe des Themas der Masterarbeit ist durch einen der Prüfenden und die/den Studierenden festzuhalten und dies beim Prüfungsausschuss aktenkundig zu machen. Der Zeitpunkt der Abgabe der Masterarbeit 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 4 festgelegte Bearbeitungszeit auf Antrag der oder des Studierenden um höchstens drei Monate verlängern. Wird die Masterarbeit 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 Masterarbeit wird von zwei Hochschullehrern/innen, habilitierten Mitgliedern einer KIT- Fakultät oder leitenden Wissenschaftler/in gemäß § 14 Abs. 3 Ziff. 1 KITG 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 Masterarbeit fest; er kann auch einen weiteren Gutachter bestellen. Die Bewertung hat innerhalb von acht Wochen nach Abgabe der Masterarbeit 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 Masterzeugnis 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 Überfachliche Qualifikationen

Neben der Vermittlung von fachlichen Qualifikationen legt das KIT Wert auf überfachliche Qualifikationen. Diese sind im Umfang von 6 LP Bestandteil des Masterstudiengangs Architektur. Überfachliche Qualifikationen können additiv oder integrativ vermittelt werden.

§ 16 Prüfungsausschuss

(1) Für den Masterstudiengang 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 Ba-

chelor- 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 Studiendekanat der KIT-Fakultät für Architektur 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 § 18 Absatz 1 Satz 1. Er berichtet der KIT-Fakultät regelmäßig über die Entwicklung der Prüfungs- und Studienzeiten, einschließlich der Bearbeitungszeiten für die Masterarbeiten 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 die/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 bei diesem einzulegen. Über Widersprüche entscheidet das für Lehre zuständige Mitglied des Präsidiums.

§ 17 Prüfende und Beisitzende

(1) Der Prüfungsausschuss bestellt die Prüfenden. Er kann die Bestellung der/dem Vorsitzenden übertragen.

(2) Prüfende sind Hochschullehrer/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 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 Masterstudiengang der Architektur, in einem verwandten Studiengang oder einen gleichwertigen akademischen Abschluss erworben hat.

§ 18 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 Studien- und Prüfungsleistung (Anrechnung) werden die Grundsätze des ECTS herangezogen.

(2) Die Studierenden haben die für die Anerkennung erforderlichen Unterlagen vorzulegen. Studierende, die neu in den Masterstudiengang 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. Masterprüfung

§ 19 Umfang und Art der Masterprüfung

(1) Die Masterprüfung besteht aus den Modulprüfungen nach Absatz 2 sowie dem Modul Masterarbeit (§ 14)

(2) Es sind Modulprüfungen in folgenden Pflichtfächern abzulegen:

- | | |
|---|------------------------------|
| 1. Entwerfen: | Modul(e) im Umfang von 46 LP |
| 2. Architektonische Kernkompetenzen: | Modul(e) im Umfang von 16 LP |
| 3. Spezialisierung: | Modul(e) im Umfang von 22 LP |
| 4. Überfachliche Qualifikationen im Umfang von 6 LP gemäß § 15 a. | |

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.

(4) Im Hinblick auf die spätere Berufswahl können innerhalb des Masterstudiengangs Architektur am Karlsruher Institut für Technologie (KIT) folgende Schwerpunkte gesetzt werden:

- „Städtebau“ – „Urban Design“
- „Bautechnologie“ – „Building Technology“
- „Architektonisches und kulturelles Erbe“ – „Architectural and Cultural Heritage“

Inhalt und Umfang der einzelnen Schwerpunkte sind im Modulhandbuch geregelt.

§ 20 Bestehen der Masterprüfung, Bildung der Gesamtnote

(1) Die Masterprüfung ist bestanden, wenn alle in § 19 genannten Modulprüfungen mindestens mit „ausreichend“ bewertet und alle in § 19 genannten Studienleistungen bestanden wurden.

(2) Die Gesamtnote der Masterprüfung errechnet sich als ein mit Leistungspunkten gewichteter Notendurchschnitt der Fachnoten und dem Modul Masterarbeit.

(3) Haben Studierende die Masterarbeit mit der Note 1,0 und die Masterprüfung mit einem Durchschnitt von 1,2 oder besser abgeschlossen, so wird das Prädikat „mit Auszeichnung“ (with distinction) verliehen.

§ 21 Masterzeugnis, Masterurkunde, Diploma Supplement, Transcript of Records und Zusatzbescheinigung

(1) Über die Masterprüfung werden nach Bewertung der letzten Studien- oder Prüfungsleistung eine Masterurkunde und ein Zeugnis erstellt. Die Ausfertigung von Masterurkunde und Zeugnis soll nicht später als drei Monate nach Ablegen der letzten Studien- oder Prüfungsleistung erfolgen. Masterurkunde und Masterzeugnis werden in deutscher und englischer Sprache ausgestellt. Masterurkunde und Zeugnis tragen das Datum der erfolgreichen Erbringung der letzten Studien- oder Prüfungsleistung. Diese Dokumente werden den Studierenden zusammen ausgehändigt. In der Masterurkunde wird die Verleihung des akademischen Mastergrades beurkundet. Die Masterurkunde 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 Prüfungsleistungen 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 Erfolgskontrollen 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) Sind durch eine Schwerpunktsetzung des/der Studierenden während des Studiums die Voraussetzungen eines Schwerpunkts gemäß § 19 Absatz 4 erfüllt, wird dieser Schwerpunkt durch eine den Abschlussdokumenten beizufügende Zusatzbescheinigung ausgewiesen. Die Zusatzbescheinigung enthält die Bezeichnung des Schwerpunkts und die dafür notwendigen erbrachten Studien- und Prüfungsleistungen. Sie bildet alle dem jeweiligen Schwerpunkt zugeordneten Module mit den Modulnoten und die zugeordneten Leistungspunkte sowie die den Modulen zugeordneten Erfolgskontrollen samt Noten und zugeordneten Leistungspunkten ab. Absatz 2 Satz 2 gilt entsprechend.

(6) Die Masterurkunde, das Masterzeugnis und das Diploma Supplement, einschließlich des Transcript of Records und gegebenenfalls die Zusatzbescheinigung gemäß Absatz 5, werden vom Studierendenservice des KIT ausgestellt.

III. Schlussbestimmungen

§ 22 Bescheinigung von Prüfungsleistungen

Haben Studierende die Masterprüfung 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.

§ 23 Aberkennung des Mastergrades

(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 Masterprüfung für „nicht bestanden“ erklärt werden.

(2) Waren die Voraussetzungen für die Zulassung zu einer Prüfung nicht erfüllt, ohne dass die/der 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 Masterprüfung 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 Masterurkunde einzuziehen, wenn die Masterprüfung 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.

§ 24 Einsicht in die Prüfungsakten

- (1) Nach Abschluss der Masterprüfung wird den Studierenden auf Antrag innerhalb eines Jahres Einsicht in das Prüfungsexemplar ihrer Masterarbeit, 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.

§ 25 Inkrafttreten, Übergangsvorschriften

- (1) Diese Studien- und Prüfungsordnung tritt am 01. April 2021 in Kraft und gilt für
1. Studierende, die ihr Studium im Masterstudiengang Architektur am KIT im ersten Fachsemester aufnehmen, sowie für
 2. Studierende, die ihr Studium im Masterstudiengang Architektur am KIT in einem höheren Fachsemester aufnehmen, sofern dieses Fachsemester nicht über dem Fachsemester liegt, das der erste Jahrgang nach Ziff. 1 erreicht.
- (2) Die Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie (KIT) für den Masterstudiengang Architektur vom 26. Juli 2016 (Amtliche Bekanntmachung des Karlsruher Instituts für Technologie (KIT) Nr. 70 vom 27. Juli 2016) zuletzt geändert durch die Zweite Satzung zur Änderung der Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie für den Masterstudiengang Architektur vom 24. Februar 2020 (Amtliche Bekanntmachung Nr. 02 vom 26. Februar 2020) behält Gültigkeit für
1. Studierende, die ihr Studium im Masterstudiengang Architektur am KIT zuletzt im Wintersemester 2020/2021 aufgenommen haben, sowie für
 2. Studierende, die ihr Studium im Masterstudiengang Architektur am KIT ab dem Sommersemester 2021 in einem höheren Fachsemester aufnehmen, sofern das Fachsemester über dem liegt, das der erste Jahrgang nach Absatz 1 Ziff. 1 erreicht hat.
- Im Übrigen tritt sie außer Kraft.
- (3) Studierende, die auf Grundlage der Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie (KIT) für den Masterstudiengang Architektur vom 26. Juli 2016 (Amtliche Bekanntmachung des Karlsruher Instituts für Technologie (KIT) Nr. 70 vom 27. Juli 2016) zuletzt geändert durch die Zweite Satzung zur Änderung der Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie für den Masterstudiengang Architektur vom 24. Februar 2020 (Amtliche Bekanntmachung Nr. 02 vom 26. Februar 2020) ihr Studium am KIT aufgenommen haben, können Prüfungen auf Grundlage dieser Studien- und Prüfungsordnung letztmalig bis zum 30.09.2024 ablegen.
- (4) Studierende, die auf Grundlage der Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie (KIT) für den Masterstudiengang Architektur vom 26. Juli 2016 (Amtliche Bekanntmachung des Karlsruher Instituts für Technologie (KIT) Nr. 70 vom 27. Juli 2016) zuletzt geändert durch die Zweite Satzung zur Änderung der Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie für den Masterstudiengang Architektur vom 24. Februar 2020 (Amtliche Bekanntmachung Nr. 02 vom 26. Februar 2020) ihr Studium am KIT

aufgenommen haben, können auf Antrag ihr Studium nach der vorliegenden Studien- und Prüfungsordnung fortsetzen.

Karlsruhe, den 04. März 2021

Gez. Prof. Dr.-Ing. Holger Hanselka
(Präsident)