

Module Handbook Architecture Master 2021 (M.Sc.)

SPO 2021

Winter semester 2025/26

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KIT DEPARTMENT OF ARCHITECTURE



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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 taking 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
Conditions / Prerequisites Field							
Module title							
Designing (46 CP)							
All modules in this field are compulsory modules. Except "Impromptu Designs" 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 Designs	M-ARCH-103612	4	-	T-ARCH-107346	Impromptu Designs	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	<i>"Participation Doctoral Colloquium" and "Preparation Master's thesis" are compulsory, between the module components "Research seminar" or "Independent Student Research Project" can be selected.</i>	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 Designs	M-ARCH-104079	4	-	T-ARCH-108459	Workshop Impromptu Designs	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
Conditions / Prerequisites Field							
Module title							
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 Konstruktionen des Holzbaus	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
Urban Energy	M-ARCH-103669	4	-	T-ARCH-107410	Urban Energy	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		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 <i>First usage possible from Apr 01, 2022.</i>	16 CP
Specialization	22 CP
Interdisciplinary Qualifications	6 CP

2.1 Master's Thesis

Credits
30

Mandatory				
M-ARCH-105693	Module 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

Note regarding usage

First usage possible from Apr 01, 2022.

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-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 <i>First usage possible from Oct 01, 2021.</i>	DE/EN	WS+SS	4 CP
M-ARCH-105860	History of Urban Planning <i>First usage possible from Oct 01, 2021.</i>	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-103652	Special Topics of Building Technology	DE/EN	Irreg.	4 CP
M-ARCH-103653	Special Topics of Planning and Constructing	DE/EN	WS	4 CP
M-ARCH-103687	Special Topics of Sustainability	DE/EN	WS+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-103659	Professional Detailed Planning	DE	SS	4 CP
M-ARCH-103658	Special Topics of Structural Design	DE/EN	SS	4 CP
M-ARCH-105957	Project Management <i>First usage possible from Apr 01, 2022.</i>	DE/EN	SS	4 CP
M-ARCH-105680	Special Topics of Building Physics	DE/EN	WS+SS	4 CP
M-ARCH-105858	Selected Topics of Digital Design and Fabrication <i>First usage possible from Oct 01, 2021.</i>	DE/EN	WS+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 <i>First usage possible from Oct 01, 2021.</i>	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 <i>First usage possible from Oct 01, 2021.</i>	DE/EN	WS+SS	4 CP
M-ARCH-105861	Special Topics of History of Urban Planning <i>First usage possible from Oct 01, 2021.</i>	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-BGU-104001	Photogrammetry for Architects	DE	WS+SS	4 CP
M-ARCH-103669	Urban Energy	DE/EN	WS	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 <i>First usage possible from Oct 01, 2021.</i>	DE/EN	WS+SS	4 CP
M-ARCH-105860	History of Urban Planning <i>First usage possible from Oct 01, 2021.</i>	DE/EN	WS+SS	4 CP

M-ARCH-104076	Planning and Constructing	DE/EN	WS+SS	4 CP
M-ARCH-104078	Sustainability	DE/EN	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-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-105857	Digital Design and Fabrication <i>First usage possible from Oct 01, 2021.</i>	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
M-ARCH-106128	Structural Analysis <i>First usage possible from Oct 01, 2022.</i>	DE/EN	WS+SS	4 CP
M-ARCH-106126	Interdisciplinary Design of Timber Structures <i>First usage possible from Oct 01, 2022.</i>	DE	SS	4 CP
M-ARCH-106915	Interdisciplinary Design of Steel Structures <i>First usage possible from Oct 01, 2024.</i>	DE	WS	4 CP
M-ARCH-106916	Timber Structures: Materials and Appropriate Design <i>First usage possible from Oct 01, 2024.</i>	DE	SS	4 CP
M-ARCH-107591	Special Topics of Sustainable Timber Construction <i>First usage possible from Oct 01, 2025.</i>	DE/EN	SS	4 CP
M-ARCH-107593	Technologies for Climate-Friendly Buildings and Urban Districts <i>First usage possible from Oct 01, 2025.</i>	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
4 CP

Grading
graded

Recurrence
Irregular

Duration
1 term

Language
German

Level
4

Version
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**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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**
4 CP**Grading**
graded**Recurrence**
Each summer term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	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:** TT-Prof. Moritz Dörstelmann**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#) (Usage from 10/1/2021)**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**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German**Level**
4**Version**
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 \(Compulsory Elective Subject "Designing, History, Art and Theory"\)](#) (Usage from 10/1/2021)
[Specialization \(Compulsory Elective Subject Specialization\)](#) (Usage from 10/1/2021)**Credits**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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 \(Compulsory Elective Subject "Designing, History, Art and Theory"\)](#) (Usage from 10/1/2021)
[Specialization \(Compulsory Elective Subject Specialization\)](#) (Usage from 10/1/2021)**Credits**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	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**
4 CP**Grading**
graded**Recurrence**
Each winter term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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)** (Usage from 10/1/2024)

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)** (Usage from 10/1/2022)

Credits
4 CP

Grading
graded

Recurrence
Each summer term

Duration
1 term

Language
German

Level
4

Version
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 and 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**
4 CP**Grading**
graded**Recurrence**
Each summer term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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**
4 CP**Grading**
pass/fail**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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: 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

3.27 Module: 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**3.28 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**
4 CP**Grading**
graded**Recurrence**
Each winter term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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**
4 CP**Grading**
graded**Recurrence**
Each summer term**Duration**
1 term**Language**
German**Level**
4**Version**
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)** (Usage from 4/1/2022)

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
4 CP

Grading
graded

Recurrence
Each summer term

Duration
1 term

Language
German

Level
4

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

Mandatory			
T-ARCH-107375	Quarter Analysis	4 CP	Neppl

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	Grading	Recurrence	Duration	Language	Level	Version
6 CP	graded	Each term	1 term	German/English	4	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:** TT-Prof. Moritz Dörstelmann**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#) (Usage from 10/1/2021)**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**
4 CP**Grading**
graded**Recurrence**
Each summer term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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: TT-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**
4 CP**Grading**
graded**Recurrence**
Each winter term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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 \(Compulsory Elective Subject Specialization\)](#) (Usage from 10/1/2021)**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 \(Compulsory Elective Subject Specialization\)](#) (Usage from 10/1/2021)**Credits**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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**
4 CP**Grading**
graded**Recurrence**
Each winter term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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**
4 CP**Grading**
graded**Recurrence**
Each summer term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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 \(Compulsory Elective Subject Specialization\)](#) (Usage from 10/1/2025)**Credits**
4 CP**Grading**
graded**Recurrence**
Each summer term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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	Grading	Recurrence	Duration	Language	Level	Version
4 CP	graded	Each term	1 term	German/English	4	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)** (Usage from 10/1/2021)

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)** (Usage from 10/1/2022)**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 \(Compulsory Elective Subject Specialization\)](#) (Usage from 10/1/2025)**Credits**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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 be changed. 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**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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)** (Usage from 10/1/2024)**Credits**
4 CP**Grading**
graded**Recurrence**
Each summer term**Duration**
1 term**Language**
German**Level**
4**Version**
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**
4 CP**Grading**
graded**Recurrence**
Each term**Duration**
1 term**Language**
German/English**Level**
4**Version**
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 Energy [M-ARCH-103669]****Coordinators:** Prof. Markus Neppl**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)**Credits**
4 CP**Grading**
graded**Recurrence**
Each winter term**Duration**
1 term**Language**
German/English**Level**
4**Version**
1

Mandatory			
T-ARCH-107410	Urban Energy	4 CP	Neppl

Assessment

The other type of examination consists of an analysis paper of approx. 20 pages and an oral presentation (approx. 15 minutes).

Prerequisites

None

Competence Goal

The students.

- are able to organize their work processes in terms of time and content and present the results of their work appropriately within the team.
- understand the city and its infrastructure on a global and local level.
- can conduct structured interviews with experts, evaluate the content and incorporate it into their analysis work.
- are able to investigate and evaluate concrete application possibilities for the use of renewable energy in small-scale projects.

Content

Global level: Students should get to know the city and its infrastructure on a global scale.

Local level: The energy and supply system of the city of Karlsruhe is presented. This includes site visits and interviews with city actors from the utility industry.

Application exercise: Possible applications for the use of renewable energy in Karlsruhe will be investigated on a small scale.

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**3.71 Module: Urban Typologies [M-ARCH-103632]****Coordinators:** Prof. Markus Neppl**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**
4 CP**Grading**
graded**Recurrence**
Each summer term**Duration**
1 term**Language**
German/English**Level**
4**Version**
1

Mandatory			
T-ARCH-107374	Urban Typologies	4 CP	Neppl

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**3.72 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**3.73 Module: Workshop Impromptu Designs [M-ARCH-104079]**

Coordinators: Studiendekan/in Architektur
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-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
Examination of another type


Credits
4 CP

Grading
graded

Term offered
Irregular

Version
1

Courses					
ST 2025	1741393	Building in Existing Contexts: Strategies for Dealing with Existing Buildings _ in the Field of Tension between Preservation and Renewal	2 SWS	Seminar / 	Medina Warmburg, Busse
WT 25/26	1741396	Adeptive Reuse: Past _ Present _ Perspective Future	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

Building in Existing Contexts: Strategies for Dealing with Existing Buildings _ in the Field of Tension between Preservation and Renewal

Seminar (S)
On-Site

1741393, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Content

To consciously shape the competence of transformation in the field of tension between preservation and renewal requires a methodical approach within the different strategies of shaping the building stock, in the determination of interventions and their form. The seminar will deal with these different strategies in terms of definition and structural realisation using examples. We will examine, define and discuss the different strategies, from conservation to reprogramming, interpreting, building on to transformation and reconstruction. The potentials of existing buildings will be analysed with regard to their adaptive determinants and their resilience as a starting point will be examined as a resource for the implementation of alternative functions.

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

Focus of study: Architectural and Cultural Heritage

V

Adeptive Reuse: Past _ Present _ Perspective Future

Seminar (S)
On-Site

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

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

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

Courses					
ST 2025	1741314	Art History: Nature in Early Modern Art and Architecture	2 SWS	Seminar / 	Kohut
ST 2025	1741321	Art History: Giovanbattista Tiepolo – Color, Light, Air and the Responsibility of the Viewer in the Baroque Era	2 SWS	Seminar / 	Fiorentini Elsen
ST 2025	1741322	Art History: Early Bauhaus	2 SWS	Seminar / 	Kelly
ST 2025	1741324	Art History: White Gold: The Art of Porcelain Wares	2 SWS	Seminar / 	Kelly
ST 2025	1741325	Art History: Taming and Deceiving the Eye, or: What do Images Show Us?	2 SWS	Seminar / 	Fiorentini Elsen
WT 25/26	1741314	Art History: Asian carpets beyond Orientalism	2 SWS	Seminar / 	Kohut
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

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: Nature in Early Modern Art and Architecture1741314, SS 2025, 2 SWS, Language: English, [Open in study portal](#)**Seminar (S)**
On-Site**Content**

Why do historical depictions of nature continue to impress viewers in our industrialized world? How does the theological structure of a sixteenth-century Spanish engraving differ from modern perspectives on ecology? In what ways is the concept of the 'other' expressed in eighteenth-century French garden architecture? Was the realistic turn in eighteenth-century American art influenced by the Enlightenment's association of the divine with nature? What is the connection between the depiction of St. Sebastian's body in Ludovico Carracci's painting and the waste processing in seventeenth-century Rome? This course introduces students to the latest developments in English-language ecocritical art history, exploring the complex relationship between art, architecture, and the natural Environment in 1500–1800 CE.

Submission/Exam: written elaboration, 30.09.2025

Number of Participants: 3

V

Art History: Giovanbattista Tiepolo – Color, Light, Air and the Responsibility of the Viewer in the Baroque Era**Seminar (S)
On-Site**1741321, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)**Content**

Giovanbattista Tiepolo is one of the most exciting artistic figures of the Baroque era. With his colorful frescoes, he has been leading viewers on irritating detours for centuries. In front of his works, we are forced to become active as viewers ourselves. In the seminar, we will question Tiepolo's ways of making pictures and seeing in his time, but we will also practice a pointed literary criticism in today's art history that challenges our art and visual studies methods. The languages of the seminar are German and English. English speaking participants can present and discuss during the seminar and write the term paper in English.

Submission/Exam: written elaboration, 30.09.2025

Number of Participants: 3

Organizational issues

Die Teilnahme an der ersten Sitzung ist verpflichtend |

Attending the first session is mandatory!

V

Art History: Early Bauhaus**Seminar (S)
On-Site**1741322, SS 2025, 2 SWS, Language: German, [Open in study portal](#)**Content**

The early Bauhaus was expressionistic, nationalistic and spiritual. While today it is associated with cool material aesthetics and New Building, in Weimar, after its foundation in 1919, aesthetic empathy and sensation were considered a premise for all artistic activity. The inner state during the creative process and the respect for the nature of things overshadowed external functional demands.

The seminar focuses on influential personalities from the teaching staff, e.g. Johannes Itten, Paul Klee and Wassily Kandinsky. The Bauhütte idea, progressive educational innovations, such as creative body practices, as well as esoteric tendencies will be examined along with their (political) countermovement.

Submission/Exam: written elaboration, 30.09.2025

Number of Participants: 3

V

Art History: White Gold: The Art of Porcelain Wares**Seminar (S)
On-Site**1741324, SS 2025, 2 SWS, Language: German, [Open in study portal](#)**Content**

Naturalistic and with a flawless white glaze: the appearance of the figurines from the Allach porcelain manufactory may disguise their questionable manufacturing circumstances, as they originate from the production facility in Dachau concentration camp. The porcelain for Nazi dignitaries from the hands of concentration camp prisoners stands for the art and contemporary history from which it derived.

Starting with the invention of European porcelain in 1709, we will be introduced to various forms and manufactories from the heyday of these luxury goods. Side glances at English and French brands will add to the context of production and reception. New forms regarding new product design will take us to the 20th and 21st centuries. Field trips will complement the seminar.

Submission/Exam: written elaboration, 30.09.2025

Number of Participants: 3

V

Art History: Taming and Deceiving the Eye, or: What do Images Show Us?**Seminar (S)
On-Site**1741325, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

Content

As part of the course series of the past semesters, dealing with the history of seeing and the connection between the eye and the image, in this particular seminar we ask what images show us. Is our gaze guided, controlled, tamed by images? Are our eyes deceived by images and if so, to what extent and why is this the intention of the creators of the images? All this has a history, which we will explore in the seminar. And it has a theory: using examples of images from history, we will clarify terms such as mimesis, mimicry, camouflage and discuss positions on phenomena such as illusion and trompe-l'œil (Gombrich, Baudrillard, Bryson, Marin) or anamorphosis (Baltrusaitis, Collins, Massey). The languages of the Seminar are German and English. English speaking participants can present and discuss during the Seminar and write the term papers in English.

Submission/Exam: written elaboration, 30.09.2025

Number of Participants: 3

Organizational issues

Erste Sitzung ist Pflicht!

Attending the first session is mandatory!

**Art History: Asian carpets beyond Orientalism**

1741314, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Why have Persian carpets and architecture shared similar geometrical motives across history? How did the Italian Renaissance painter Lorenzo Lotto use carpets to address compositional challenges related to space, color, and figure placement? How did British Orientalist discourse affect the marketing of Indian carpets and their reception both in Europe and India? How can Asian carpets be understood as cultural texts, Barthian tissue of quotations, revealing a two-way interaction between East and West? This course introduces students to English-language scholarship on Asian carpets and their representations in early modern European art, focusing on carpet designs, symbolism, and carpets' complex place (within and) beyond Orientalist discourse.

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

Submission/Exam: written elaboration, 31.03.2026

Number of Participants: 3

**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

**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!

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
Examination of another type

Credits
4 CP

Grading
graded

Term offered
Each term

Version
1

Courses					
ST 2025	1720759	Building & Structure	2 SWS	Lecture / Practice (/ ●)	La Magna, Haußer, Andersson Largueche, Müller
WT 25/26	1720759	Building & Structure	2 SWS	Seminar / ●	La Magna, Bechert, Müller, Andersson Largueche, Haußer

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, SS 2025, 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.

1st meeting: 23.04.2025; 11:30 a.m.

Mandatory meeting

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

Bld. 20.40 HS 9

Delivery/Examination: after announcement

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 Unbegrenz, bitte wenden Sie sich an das Sekretariat



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





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: Pavilion - Anticipations, Collective Catalog, Borderline Investigation #2	2 SWS	Seminar / 	Bru, Amon, Kunkel, Schneider, Brückner
WT 25/26	1710209	Hypercomfort: About Typologies - Collective Catalog, Borderline Investigation #2	2 SWS	Seminar / 	Bru, Kunkel

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: Pavilion - Anticipations, Collective Catalog, Borderline Investigation #2


**Seminar (S)
On-Site**

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

Content

Hypercomfort


Pavilion - Anticipations 

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

**Seminar (S)
On-Site**

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

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




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 2025	1731172	City Theory/Research Seminar: New Collaborations. Urban Practice of Change.	2 SWS	Seminar / 	Engel, Staab

Legend:  Online,  Blended (On-Site/Online),  On-Site, X 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: New Collaborations. Urban Practice of Change.

1731172, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

The cross-university course (in collaboration with RWTH Aachen, BTU Cottbus, TU Dresden and others) focuses on the changes in urban planning practice. How can the transformation towards socially inclusive, climate-friendly and at the same time more resilient cities succeed? Which forms of co-design and co-production are promising? The research seminar will take a critical look at the specialist input lectures in the form of oral discussions and written papers. The input lectures take place on Mondays, 4–6 pm.

Part of the course is the participation on the 9th University Day of the National Urban Development Policy on June 5th and 6th in Berlin (financially supported).

Appointment: irregular

First Meeting: Tue 22.04.2025, 11.40 R013

Submission/Exam: Tue 15.08.2025

Number of Participants: 3

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 2025	1710452	Communication of Architecture: Intelligens. Natural. Artificial. Collective. The 19th International Architecture Exhibition in Venice (incl. Excursion)	2 SWS	Seminar / 	Rambow

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

Communication of Architecture: Intelligens. Natural. Artificial. Collective. The 19th International Architecture Exhibition in Venice (incl. Excursion)

**Seminar (S)
On-Site**

1710452, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Content

The Architecture Biennale in Venice is arguably the world's most important event for architectural communication. It brings together almost one hundred individual exhibitions and thus provides not only a worldwide overview of current themes and positions in the field of architecture and urbanism, but also of the current state of curatorial practice. This takes place against the unique background of the city of Venice, which can itself be regarded as a permanent architectural exhibition. The seminar serves as a sound introduction to the structure and history of the city of Venice as well as to the concept and development of the Biennale. It concludes with an excursion during which we will intensively explore and discuss the city as well as the exhibition.

The excursion to Venice 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: Venice, planned from 22.09.–26.09.2025

Submission/Exam: 26.09.2025

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					
ST 2025	1710107	Bermuda Berlin (Frohn)	5 SWS	Project (P / 🎧)	Frohn, Wasel, Streicher
ST 2025	1710204	Borderline(s) Investigations #01 Economy and Excess, Lightness (Bru)	5 SWS	Project (P / 🎧)	Bru, Zaparta, Schneider, Amon
ST 2025	1710302	The Institutional Library: Beyond the Closed Archive (Hartmann)	5 SWS	Project (P / 🎧)	Hartmann, Kadid, Coricelli, Vansteenkiste, Zucchello
ST 2025	1710308	Find Your Darling ! (Brüggen)	5 SWS	Project (P / 🎧)	Brasanac, Brüggen
ST 2025	1720601	Matthäus Vision - Transformation of the Matthäuskirche in Karlsruhe (Hebel)	4 SWS	Project (P / 🎧)	Hebel, Kaiser Hirt, Yi
ST 2025	1720652	DOMINO CIRCULAR (Kaiser)	5 SWS	Project (P / 🎧)	Kaiser, Erlewein
ST 2025	1720701	Ensemble 30.x (von Both/Koch)	5 SWS	Project (P / 🎧)	von Both, Koch, Seiler-Cuesta
ST 2025	1720805	Ghana Co-Lab: Co-creating Digital Pathways for Circular Construction in Kumasi (Dörstelmann)	5 SWS	Project (P / 🎧)	Dörstelmann, Feldmann, Witt
ST 2025	1731086	The Chandigarh Challenge: Balancing Cultural Heritage and Future Urban Development (Neppl)	5 SWS	Project (P / 🎧)	Neppl, Giralt
ST 2025	1731160	Blue-Green Transformation. Reimagining Spinning Mill Area in Ettlingen.(Engel)	5 SWS	Project (P / 🎧)	Engel, Kannen
ST 2025	1731210	Think Garden (Schifferli)	5 SWS	Project (P / 🎧)	Schifferli, Zuber
ST 2025	1731260	Love Me Two Times (Trachsler/ Inderbitzin)	5 SWS	Project (P / 🎧)	Inderbitzin, Trachsler, Schork, von Zepelin, Nalbach
WT 25/26	1700050	Independent Design Project		Project (P)	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 (P / 🎧)	Frohn, Streicher
WT 25/26	1710206	Insulation, Unbekannte Typologien der Zukunftsvorstellung, Borderline Investigation #2 (Bru)	5 SWS	Project (P / 🎧)	Bru, Schneider, Amon, Brückner
WT 25/26	1710303	Ugly Ducklings 1 - On Maintainability (Hartmann)	5 SWS	Project (P / 🎧)	Hartmann, Coricelli, Kadid, Vansteenkiste, Zucchello
WT 25/26	1710304	What happens to the Inn when there is nobody in? (Ritz/Closs)	5 SWS	Project (P / 🎧)	Closs, Ritz, Brasanac

WT 25/26	1720503	The Open House (Mueller)	5 SWS	Project (P / 	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 (P / 	Hebel, Boerman
WT 25/26	1720609	Designing the In-Between (Müller)	5 SWS	Project (P / 	Müller, Gerteiser
WT 25/26	1720701	Micro-Living (von Both)	5 SWS	Project (P / 	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 (P / 	Dörstelmann, Feldmann, Fuentes Quijano
WT 25/26	1731058	Quartier La Fonderie_New neighbourhoods on the Quai d'Oran (Neppl)	5 SWS	Project (P / 	Neppl, Krüger, Hetey
WT 25/26	1731065	Student competition 'Mühlburger Feld' Karlsruhe_Inclusive Thinking – Renovation Begins in the Mind (Neppl)		Project (P / 	Neppl
WT 25/26	1731160	Lasna!dee. Perspectives for Resilient Neighbourhoods in Kuristiku / Talinn (Engel)	5 SWS	Project (P / 	Engel, Böcherer, Staab
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 (P / 	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	Bermuda Berlin (Frohn) 1710107, SS 2025, 5 SWS, Language: German/English, Open in study portal	Project (PRO) On-Site
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Content

Suburbia was born as a dream - a utopia promising individual space, comfort, and a better life. As a retreat from the chaos of the city, it offered the ideal home, the perfect lawn, and the promise of community.

But somewhere along the way, the hopeful dream could no longer escape its doubtful reality. Sprawl replaced country side, the escape from the city turned into endless commutes, and the lack of shared spaces drained its social core.

Building upon the work conducted during the last semester this studio continues to rethink suburbia – this time not on the scale of the individual home and its garden, but as a site for radical infrastructural intervention.

Based on a series of different urban readings we will challenge conventional suburban planning and propose new spatial strategies for a more connected, inclusive and resilient suburbia.

Our site of investigation continues to be the Mahlsdorf, Kaulsdorf and Biesdorf quarters of Berlin, which constitute Germany's largest single-family housing development.

The goal of the studio is to develop architectural interventions that rethink shared social infrastructures, exploring spatial and programmatic strategies to transform suburbia.

1st meeting: Thu, 24.04.25, 14:00

Submission: Thu, 07.08.25

Excursion: Berlin

**Borderline(s) Investigations #01 Economy and Excess, Lightness (Bru)**

1710204, SS 2025, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Borderline(s) Investigations #01

- Economy and Excess

LIGHTNESS

Travelling lightly means leaving with the bare minimum, arriving safely and discreetly in an unknown place and then keeping your eyes wide open to carefully modulate your daily life to this new environment. Lightweight construction is inspired by this traveler's ethics. With this in mind, we set up only as little as possible, land safely and discreetly on a site that is unfamiliar to us and then keep our eyes wide open to carefully modulate our project to this new environment. We are well aware that, by its very nature, architecture does not escape gravity, but it is possible to restrict the meaning of the term. There is no obligation on us to make our architecture "severe" in the solemn sense. On the contrary, it can only be satisfied with a few traces, firm enough to define a place, a space, a use, while leaving as many free appropriations and potential transformations as possible. Lightness is not an ideal, but rather a form of accessible politeness. It means considering the material from an economic point of view and thus paying tribute to its efficiency. It is a direct and pragmatic approach to implementation, without frills and in the full expressiveness of constructive modes. But by dint of lightness, would this architecture "more vague and more soluble in the air, with nothing in it that weighs or poses" (to use Paul Verlaine's words in Art Poétique) go so far as to take the risk of evaporation, even pure and simple disappearance? On the contrary, it is the human scale that will bring this architecture back "down to earth". In fact, lightweight construction is above all not to forget how the combined sciences of space and construction can offer mental "extensions" to our body envelop.

Introduction: Mon 14.04.2025

1st meeting: Thu 24.04.2025, bldg. 20.40, R113 Seminar room GBL

Field trip: Thu 01.05. – Sat 03.05.2025

Submission of plans/models: Thu 07.08.2025

Final presentation: Thu 07.08.2025

Event format: On-Site

Form: Individual work

Language: German/English

**The Institutional Library: Beyond the Closed Archive (Hartmann)**

1710302, SS 2025, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

The private, institutional or specialized library, contrary to the public library, is a curated collection of books. Akin to the private art collection, the material sample library, the museum storage or the archive, its main purpose is the collection, preservation and making accessible of specialized or thematic information.

The advent of digitization and AI data mining makes these vast repositories exponentially more accessible. In opposition to the public library today, this physical storage is the most prominent component of the specialized library, yet its content or even its physical presence remains mostly unseen.

When previously the book was the main storage medium of information, today this has expanded to digital media on the one hand and physical objects on the other.

What impact does this evolution have on the physical form of the repository? How can these vast amounts of matter be made visible and accessible and also define their spatial environment? What spatial strategies can inform the spaces for its users as well as the broader public and the city?

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

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

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: 24.04.2025 at 10.00h, Geb. 20.40-R204

Excursion: Basel, 25.04.2025-27.04.2025

Final Presentations: 07.08.2025

Output: Group and Individual work

**Find Your Darling ! (Brüggen)**

1710308, SS 2025, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

The aim of the semester is to design a specific project as an initiative. In times of climate crisis, it is no longer enough to simply plan and build efficiently and ecologically in order to minimise damage to the environment. Instead, we want to engage proactively in the regeneration of the climate and the improvement of our immediate environment.

The initiatives are proposals and visions for existing structures. They are improvements to the Earth on a small and tangible scale.

The students and the department become agents for change in the practice of architecture, society and the built environment. We analyse existing buildings in Karlsruhe or the surrounding area, problems and potentials. We follow our intuition, our dreams and desires - and develop ecological projects as proposals for society.

The work process is divided into three phases: 1. find - identification of a location with potential (darling) 2. analyse - investigation of the structural and social contexts, 3. initiative - development of a concept as a proposal and implementation of the initiative. We work with 3D scans to analyse the objects and films to document the social, political and economic structures.

During the *Find your Darling* semester, we want to share the initiatives with the non-university context and support and encourage everyone to implement them.

Appointment: Thu 9:45 AM-5:15 PM

First meeting: 24.04.2025., 10.00 AM, Building 20.40, R221

Excursion: tbd

Final Presentation: 07.08.2025

Output: group work and individual work

**Matthäus Vision - Transformation of the Matthäuskirche in Karlsruhe (Hebel)**

1720601, SS 2025, 4 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

The architectural heritage of Christian churches still shapes the cultural landscape of Europe today and plays a central role in the collective memory of many cities. However, as a result of alienation from urban society, a decline in church membership and the associated shortage of capital, vacant churches are becoming increasingly common. In order to address this issue, this semester's design task is to develop concepts for the future use and conversion of German churches, using the Matthäuskirche in Karlsruhe as an example.

The Matthäuskirche by the architect Hermann Alker is an important example of architectural history in Karlsruhe. Built as an emergency church in the 1920s after the First World War, it is characterized by its constructive solutions. A symposium at the beginning of the semester will provide an introduction to Karlsruhe church buildings, strategic issues in the course of church conversions and conservation challenges. A site visit is also planned as part of this event.

The design studio will focus on analyzing the existing building, understanding its structural and functional potential and developing concepts for further use. Short-term and long-term subsequent use scenarios are to be examined in order to develop a conversion or reuse solution that preserves the historical substance. The design should take particular account of the use of resource-saving building materials and sustainable construction methods. The work will be carried out in groups of two.

Wednesdays and Thursdays in the studio (building 20.40, R 203, 2.OG)

First Meeting: 24.04.2025

Symposium and Excursion: 08.05.2025

Submission: 06.08.2025

Presentation: 06.08.2025

**DOMINO CIRCULAR (Kaiser)**

1720652, SS 2025, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

The Weissenhof settlement on Stuttgart's Killesberg is one of the most important representatives of Neues Bauen in Germany. It will celebrate its 100th anniversary at the International Building Exhibition 2027 (IBA'27). To mark this anniversary, we would like to build on the experimental character of the settlement and the pioneering spirit of the time.

As part of the master design, you will explore the limits of circular construction methods in housing, reversing the usual linear design process. You will develop the design from the detail. The timber construction you use comes mainly from a deconstructed donor building and is thus to be given a second life cycle. Supplemented by natural building materials such as straw and clay, the result is an extremely flexible and completely circular living structure.

Two real properties are available to demonstrate scalability: Small-scale on a small plot of land in Stuttgart and large-scale in a newly developed residential area.

In the coming semesters, one of your designs will be developed in more detail and implemented as a 1:1 demonstrator with a group of students as part of the IBA'27.

From the summer semester of 2025, spacious workshop areas in Karlsruhe's Weststadt will be available to you to test the ideas you have developed in practice. A day trip with a site visit is planned.

We recommend attending the accompanying seminars "Building with Straw - Basics" and "Building with Straw – Practical Laboratory".

First Meeting: 24.04.2025, (TBD)

Pin-Up: TBD

Excursion: Stuttgart, Datum TBD

Submission/Presentation: KW32

Form: Teamwork in groups of two

Focus of study: Building Technology

**Ensemble 30.x (von Both/Koch)**

1720701, SS 2025, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
Blended (On-Site/Online)

Content

The central building complex of the Faculty of Electrical Engineering at KIT is located in the immediate vicinity of the Faculty of Architecture. It was built in the 1960s and no longer meets the requirements of an innovative and scientific working environment in terms of layout, utilization options, character, and possibilities. In close cooperation with the Dean's Office of the Faculty, you will develop an entirely new building structure and design a sustainable and inspiring learning and research environment. The supporting structures of building 30.xx, with the exception of the high-voltage hall 30.36, are to be retained if possible but combined into a functioning and creative overall structure.

First Meeting: Thursday, 24.04.2025, 9:00 am, Seminar Room BLM

Appointment: Thursdays, 09:00 am - 01:00 pm

Exam: Tue, 05.08.2025, 09:00 am

Submission: Upload/submit design documents in Ilias by Friday, 01.08.2025, am

Number of Participants: 15

V

Ghana Co-Lab: Co-creating Digital Pathways for Circular Construction in Kumasi (Dörstelmann)

1720805, SS 2025, 5 SWS, Language: English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

A global shift toward a circular economy demands local construction changes. Especially regions with rising urbanization and associated construction activity, such as coastal west Africa, pose challenges and opportunities to reduce construction emissions. Reinterpreting the potential of digital construction technologies in the local socio-economic context of Ghana, the studio aims to explore context-specific building technologies for circular construction.

In regular exchange with multi-disciplinary students from the Kwame Nkrumah University of Science and Technology (KNUST) in Kumasi, Ghana, this design studio develops a sustainable construction concept from the previous studio Common Futures into an applicable construction system.

Centered around preparing a joint mockup in Kumasi, it merges local materials with digital tools—reducing scaling hurdles, costs, and skill barriers while creating new economic opportunities. As a student-led design and build project, the group work spans from fundraising to exploration of novel architectural expression.

Through 1:1 scale iterative prototyping, the studio is targeting low-impact, low-cost, high-quality housing for urban contexts.

In summer 2025, a demonstrator will be built in Ghana, laying the groundwork for a long term international engagement of the professorship.

First Meeting: 24.04.2025, (Bldg. 20.40, R 133)

Pin-Up: 26.06.2025

Excursion: 08.- 10 .05.2025

Submission/Presentation: 07.08.2025

Form: Individual work and teamwork

Focus of study: Building Technology

No prior knowledge is required.

V

The Chandigarh Challenge: Balancing Cultural Heritage and Future Urban Development (Neppl)

1731086, SS 2025, 5 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

Following the partition of British India into Pakistan and India in 1947 the government of India decided to build Chandigarh as a new capital for Punjab. The aim was to create a modern planned city that would represent the aspirations of the newly independent nation. This commission was given to Le Corbusier, who developed the renowned masterplan for Chandigarh together with his cousin Pierre Jeanneret and a team of Indian architects.

With a projected population increase of 35 % by 2035, the Chandigarh metropolitan region serves as an illustrative case study of dynamic urbanization in India. This leads to a conflict of interests between the aim to preserve the central part of the city and the urgent needs of future urban development. Would it have been in Le Corbusier's interest to design the city as a living museum or did the team of urban planners intend to create constantly renewing urban structure?

This studio will develop alternative scenarios for a balanced urban transformation, taking into account the pioneering character of Le Corbusier's masterplan, and examine answers for the city of the 21st century in terms of density, new housing and functional mix, sustainability and climate protection.

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

First Meeting: 24.04.2025, 10:00 am, Bldg. 11.40, R015

Pin-up: 22.05. and 03.07.2025

Presentation: 07.08.2025

Form: teamwork

Focus of study: Urban Design

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


Blue-Green Transformation. Reimagining Spinning Mill Area in Ettlingen.(Engel)

1731160, SS 2025, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Water is a central lifeline of the city – it is used to supply drinking water and irrigation, and is used for industrial processes and the transport of goods. Urban waterscapes offer places of peace and relaxation and shape the identity of a place. Nowadays, maintaining water quality, protecting against flooding and adapting to climate change pose major challenges for cities - including in Ettlingen. The spinning mill, located in the eastern part of the city on the Alb, played an important role in the city's economic development. Given the today economic turn towards service-based and innovation-driven sectors, the question arises as to how this historic industrial site can be transformed into a multifunctional district that promotes climate resilience, resource efficiency and ecological productivity.

In the design studio, innovative concepts for the spinning mill area are to be developed in the context of the overall urban development, which should see rainwater management, flood protection and water cycle use not only as a complex technological challenge, but also as a responsible design task and linked to ideas about urban greenery, biodiversity corridors and multifunctional open spaces.

The interdisciplinary studio is carried out together with the Chair of Hydraulic Engineering and Water Resources and in cooperation with the city of Ettlingen.

Appointment: Thu 09:00-13:00

First Meeting: Thu 24.04.2025, 10:00 am, 11.40 R013

Excursion: 24.04.25

Pin-Up: Thu 15.05.2025 , Do 03.07.2025

Submission: Tue 05.08.2025

Presentation: Thu 07.08.2025

Form: Group of 2 students/Individual work

Recommendation: -

Focus of study: Urban Design


Think Garden (Schifferli)

1731210, SS 2025, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Gardens are physical manifestations and localizations of our understanding and investigations into the origin of the ideas of the sublime and the beautiful. They are instruments to bring us closer to the power and meaningfulness of nature and landscape and to make them measurable and thus tangible. As spatially located orders, they symbolize a wholeness. A metaphysical idea and the craft of cultura, which transcend the factual content and meaning of the ideal, give rise to places of imaginary power that grow beyond the beauty of reality. Freedom must be the goal of thought in order to venture into the immeasurable.

The students choose a location and design their garden.

1st meeting: Thu 24.04.25, 09:00 am., Building 11.40, Room 126

Regular appointment: weekly from Wed 9:00 am

Intermediate critique: 05.06.25, 10.07.25

Submission/presentation: 07.08.2025

Form of work: Individual work

Study focus: Urban planning

Number of participants: 16

**Love Me Two Times (Trachsler/Inderbitzin)**

1731260, SS 2025, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Next semester we will be converting vacant infrastructure and industrial buildings and giving them a new, residential use. We are interested in whether these highly specific buildings have an inherent transformative power that we can use for a new interpretation.

Our landscapes are characterized by buildings of infrastructure and industry, they leave the traces of the Anthropocene on the earth's surface and are witnesses to a time of the uncanny growth of human capabilities.

But the unchecked dynamism of recent centuries is not a model for the future in a world of finite resources. Modern ruins bear witness to this: ski resorts without snow, factories without work, empty oil rigs, all robbed of their true purpose by social change, finite resources and climate change.

This substance that has come to a standstill, in its specific but meaningless form, invites us to playfully inherit it. How can we repurpose it for the needs of the next generation, preserving its grey energy and cultural value for the future?

We want to try to colonize these empty forms and design projects that offer resilient, collective ways of living and working.

The semester is accompanied by contributions and critiques from experts. The integrated specialization serves to lay the foundations and build knowledge for the design.

First Meeting: 24.4.2025, 10 am

(Bldg. 11.40, R 115)

Pin-Ups: to be announced

Mandatory excursion: Switzerland, date to be announced

Submission/Presentation: 7.8.2025

Form: Individual work or teamwork is possible

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

Study Specialization: Housing

Team: Gian Trachsler, Anna Schork, Maximilian von Zepelin, Niklas Nalbach

**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 FRAGMENTSLanguage 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

**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

**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-sahara 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.-16.11.2024

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 Inegatives 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 adaption 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,

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 106)

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

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					
ST 2025	1710107	Bermuda Berlin (Frohn)	5 SWS	Project (P / 🎯)	Frohn, Wasel, Streicher
ST 2025	1710204	Borderline(s) Investigations #01 Economy and Excess, Lightness (Bru)	5 SWS	Project (P / 🎯)	Bru, Zaparta, Schneider, Amon
ST 2025	1710302	The Institutional Library: Beyond the Closed Archive (Hartmann)	5 SWS	Project (P / 🎯)	Hartmann, Kadid, Coricelli, Vansteenkiste, Zucchello
ST 2025	1710308	Find Your Darling ! (Brüggen)	5 SWS	Project (P / 🎯)	Brasanac, Brüggen
ST 2025	1720601	Matthäus Vision - Transformation of the Matthäuskirche in Karlsruhe (Hebel)	4 SWS	Project (P / 🎯)	Hebel, Kaiser Hirt, Yi
ST 2025	1720652	DOMINO CIRCULAR (Kaiser)	5 SWS	Project (P / 🎯)	Kaiser, Erlewein
ST 2025	1720701	Ensemble 30.x (von Both/Koch)	5 SWS	Project (P / 🌀)	von Both, Koch, Seiler-Cuesta
ST 2025	1720805	Ghana Co-Lab: Co-creating Digital Pathways for Circular Construction in Kumasi (Dörstelmann)	5 SWS	Project (P / 🎯)	Dörstelmann, Feldmann, Witt
ST 2025	1731260	Love Me Two Times (Trachsler/Inderbitzin)	5 SWS	Project (P / 🎯)	Inderbitzin, Trachsler, Schork, von Zepelin, Nalbach
WT 25/26	1700050	Independent Design Project		Project (P)	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 (P / 🎯)	Frohn, Streicher
WT 25/26	1710206	Insulation, Unbekannte Typologien der Zukunftsvorstellung, Borderline Investigation #2 (Bru)	5 SWS	Project (P / 🎯)	Bru, Schneider, Amon, Brückner
WT 25/26	1710303	Ugly Ducklings 1 - On Maintainability (Hartmann)	5 SWS	Project (P / 🎯)	Hartmann, Coricelli, Kadid, Vansteenkiste, Zucchello
WT 25/26	1710304	What happens to the Inn when there is nobody in? (Ritz/Closs)	5 SWS	Project (P / 🎯)	Closs, Ritz, Brasanac
WT 25/26	1720503	The Open House (Mueller)	5 SWS	Project (P / 🎯)	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 (P / 🎯)	Hebel, Boerman
WT 25/26	1720609	Designing the In-Between (Müller)	5 SWS	Project (P / 🎯)	Müller, Gerteiser

WT 25/26	1720701	Micro-Living (von Both)	5 SWS	Project (P / 🎧)	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 (P / 🎧)	Dörstelmann, Feldmann, Fuentes Quijano
WT 25/26	1731260	The Light and the Heavy (Inderbitzin/Clauss)	5 SWS	Project (P / 🎧)	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:



Bermuda Berlin (Frohn)

1710107, SS 2025, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Suburbia was born as a dream - a utopia promising individual space, comfort, and a better life.

As a retreat from the chaos of the city, it offered the ideal home, the perfect lawn, and the promise of community.

But somewhere along the way, the hopeful dream could no longer escape its doubtful reality. Sprawl replaced country side, the escape from the city turned into endless commutes, and the lack of shared spaces drained its social core.

Building upon the work conducted during the last semester this studio continues to rethink suburbia – this time not on the scale of the individual home and its garden, but as a site for radical infrastructural intervention.

Based on a series of different urban readings we will challenge conventional suburban planning and propose new spatial strategies for a more connected, inclusive and resilient suburbia.

Our site of investigation continues to be the Mahlsdorf, Kaulsdorf and Biesdorf quarters of Berlin, which constitute Germany's largest single-family housing development.

The goal of the studio is to develop architectural interventions that rethink shared social infrastructures, exploring spatial and programmatic strategies to transform suburbia.

1st meeting: Thu, 24.04.25, 14:00

Submission: Thu, 07.08.25

Excursion: Berlin



Borderline(s) Investigations #01 Economy and Excess, Lightness (Bru)

1710204, SS 2025, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Borderline(s) Investigations #01

- Economy and Excess

LIGHTNESS

Travelling lightly means leaving with the bare minimum, arriving safely and discreetly in an unknown place and then keeping your eyes wide open to carefully modulate your daily life to this new environment. Lightweight construction is inspired by this traveler's ethics. With this in mind, we set up only as little as possible, land safely and discreetly on a site that is unfamiliar to us and then keep our eyes wide open to carefully modulate our project to this new environment. We are well aware that, by its very nature, architecture does not escape gravity, but it is possible to restrict the meaning of the term. There is no obligation on us to make our architecture "severe" in the solemn sense. On the contrary, it can only be satisfied with a few traces, firm enough to define a place, a space, a use, while leaving as many free appropriations and potential transformations as possible. Lightness is not an ideal, but rather a form of accessible politeness. It means considering the material from an economic point of view and thus paying tribute to its efficiency. It is a direct and pragmatic approach to implementation, without frills and in the full expressiveness of constructive modes. But by dint of lightness, would this architecture "more vague and more soluble in the air, with nothing in it that weighs or poses" (to use Paul Verlaine's words in *Art Poétique*) go so far as to take the risk of evaporation, even pure and simple disappearance? On the contrary, it is the human scale that will bring this architecture back "down to earth". In fact, lightweight construction is above all not to forget how the combined sciences of space and construction can offer mental "extensions" to our body envelop.

Introduction: Mon 14.04.2025

1st meeting: Thu 24.04.2025, bldg. 20.40, R113 Seminar room GBL

Field trip: Thu 01.05. – Sat 03.05.2025

Submission of plans/models: Thu 07.08.2025

Final presentation: Thu 07.08.2025

Event format: On-Site

Form: Individual work

Language: German/English



The Institutional Library: Beyond the Closed Archive (Hartmann)

1710302, SS 2025, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

The private, institutional or specialized library, contrary to the public library, is a curated collection of books. Akin to the private art collection, the material sample library, the museum storage or the archive, its main purpose is the collection, preservation and making accessible of specialized or thematic information.

The advent of digitization and AI data mining makes these vast repositories exponentially more accessible. In opposition to the public library today, this physical storage is the most prominent component of the specialized library, yet its content or even its physical presence remains mostly unseen.

When previously the book was the main storage medium of information, today this has expanded to digital media on the one hand and physical objects on the other.

What impact does this evolution have on the physical form of the repository? How can these vast amounts of matter be made visible and accessible and also define their spatial environment? What spatial strategies can inform the spaces for its users as well as the broader public and the city?

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

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

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: 24.04.2025 at 10.00h, Geb. 20.40-R204

Excursion: Basel, 25.04.2025-27.04.2025

Final Presentations: 07.08.2025

Output: Group and Individual work



Find Your Darling ! (Brüggen)

1710308, SS 2025, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

The aim of the semester is to design a specific project as an initiative. In times of climate crisis, it is no longer enough to simply plan and build efficiently and ecologically in order to minimise damage to the environment. Instead, we want to engage proactively in the regeneration of the climate and the improvement of our immediate environment.

The initiatives are proposals and visions for existing structures. They are improvements to the Earth on a small and tangible scale.

The students and the department become agents for change in the practice of architecture, society and the built environment. We analyse existing buildings in Karlsruhe or the surrounding area, problems and potentials. We follow our intuition, our dreams and desires - and develop ecological projects as proposals for society.

The work process is divided into three phases: 1. find - identification of a location with potential (darling) 2. analyse - investigation of the structural and social contexts, 3. initiative - development of a concept as a proposal and implementation of the initiative. We work with 3D scans to analyse the objects and films to document the social, political and economic structures.

During the *Find your Darling* semester, we want to share the initiatives with the non-university context and support and encourage everyone to implement them.

Appointment: Thu 9:45 AM-5:15 PM

First meeting: 24.04.2025., 10.00 AM, Building 20.40, R221

Excursion: tbd

Final Presentation: 07.08.2025

Output: group work and individual work



Matthäus Vision - Transformation of the Matthäuskirche in Karlsruhe (Hebel)

1720601, SS 2025, 4 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

The architectural heritage of Christian churches still shapes the cultural landscape of Europe today and plays a central role in the collective memory of many cities. However, as a result of alienation from urban society, a decline in church membership and the associated shortage of capital, vacant churches are becoming increasingly common. In order to address this issue, this semester's design task is to develop concepts for the future use and conversion of German churches, using the Matthäuskirche in Karlsruhe as an example.

The Matthäuskirche by the architect Hermann Alker is an important example of architectural history in Karlsruhe. Built as an emergency church in the 1920s after the First World War, it is characterized by its constructive solutions. A symposium at the beginning of the semester will provide an introduction to Karlsruhe church buildings, strategic issues in the course of church conversions and conservation challenges. A site visit is also planned as part of this event.

The design studio will focus on analyzing the existing building, understanding its structural and functional potential and developing concepts for further use. Short-term and long-term subsequent use scenarios are to be examined in order to develop a conversion or reuse solution that preserves the historical substance. The design should take particular account of the use of resource-saving building materials and sustainable construction methods. The work will be carried out in groups of two.

Wednesdays and Thursdays in the studio (building 20.40, R 203, 2.OG)

First Meeting: 24.04.2025

Symposium and Excursion: 08.05.2025

Submission: 06.08.2025

Presentation: 06.08.2025



DOMINO CIRCULAR (Kaiser)

1720652, SS 2025, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

The Weissenhof settlement on Stuttgart's Killesberg is one of the most important representatives of Neues Bauen in Germany. It will celebrate its 100th anniversary at the International Building Exhibition 2027 (IBA'27). To mark this anniversary, we would like to build on the experimental character of the settlement and the pioneering spirit of the time.

As part of the master design, you will explore the limits of circular construction methods in housing, reversing the usual linear design process. You will develop the design from the detail. The timber construction you use comes mainly from a deconstructed donor building and is thus to be given a second life cycle. Supplemented by natural building materials such as straw and clay, the result is an extremely flexible and completely circular living structure.

Two real properties are available to demonstrate scalability: Small-scale on a small plot of land in Stuttgart and large-scale in a newly developed residential area.

In the coming semesters, one of your designs will be developed in more detail and implemented as a 1:1 demonstrator with a group of students as part of the IBA'27.

From the summer semester of 2025, spacious workshop areas in Karlsruhe's Weststadt will be available to you to test the ideas you have developed in practice. A day trip with a site visit is planned.

We recommend attending the accompanying seminars "Building with Straw - Basics" and "Building with Straw – Practical Laboratory".

First Meeting: 24.04.2025, (TBD)

Pin-Up: TBD

Excursion: Stuttgart, Datum TBD

Submission/Presentation: KW32

Form: Teamwork in groups of two

Focus of study: Building Technology

**Ensemble 30.x (von Both/Koch)**

1720701, SS 2025, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
Blended (On-Site/Online)

Content

The central building complex of the Faculty of Electrical Engineering at KIT is located in the immediate vicinity of the Faculty of Architecture. It was built in the 1960s and no longer meets the requirements of an innovative and scientific working environment in terms of layout, utilization options, character, and possibilities. In close cooperation with the Dean's Office of the Faculty, you will develop an entirely new building structure and design a sustainable and inspiring learning and research environment. The supporting structures of building 30.xx, with the exception of the high-voltage hall 30.36, are to be retained if possible but combined into a functioning and creative overall structure.

First Meeting: Thursday, 24.04.2025, 9:00 am, Seminar Room BLM

Appointment: Thursdays, 09:00 am - 01:00 pm

Exam: Tue, 05.08.2025, 09:00 am

Submission: Upload/submit design documents in Ilias by Friday, 01.08.2025, am

Number of Participants: 15

**Ghana Co-Lab: Co-creating Digital Pathways for Circular Construction in Kumasi (Dörstelmann)**

1720805, SS 2025, 5 SWS, Language: English, [Open in study portal](#)

Project (PRO)
On-Site

Content

A global shift toward a circular economy demands local construction changes. Especially regions with rising urbanization and associated construction activity, such as coastal west Africa, pose challenges and opportunities to reduce construction emissions. Reinterpreting the potential of digital construction technologies in the local socio-economic context of Ghana, the studio aims to explore context-specific building technologies for circular construction.

In regular exchange with multi-disciplinary students from the Kwame Nkrumah University of Science and Technology (KNUST) in Kumasi, Ghana, this design studio develops a sustainable construction concept from the previous studio Common Futures into an applicable construction system.

Centered around preparing a joint mockup in Kumasi, it merges local materials with digital tools—reducing scaling hurdles, costs, and skill barriers while creating new economic opportunities. As a student-led design and build project, the group work spans from fundraising to exploration of novel architectural expression.

Through 1:1 scale iterative prototyping, the studio is targeting low-impact, low-cost, high-quality housing for urban contexts.

In summer 2025, a demonstrator will be built in Ghana, laying the groundwork for a long term international engagement of the professorship.

First Meeting: 24.04.2025, (Bldg. 20.40, R 133)

Pin-Up: 26.06.2025

Excursion: 08.- 10 .05.2025

Submission/Presentation: 07.08.2025

Form: Individual work and teamwork

Focus of study: Building Technology

No prior knowledge is required.

**Love Me Two Times (Trachsler/Inderbitzin)**

1731260, SS 2025, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Next semester we will be converting vacant infrastructure and industrial buildings and giving them a new, residential use. We are interested in whether these highly specific buildings have an inherent transformative power that we can use for a new interpretation.

Our landscapes are characterized by buildings of infrastructure and industry, they leave the traces of the Anthropocene on the earth's surface and are witnesses to a time of the uncanny growth of human capabilities.

But the unchecked dynamism of recent centuries is not a model for the future in a world of finite resources. Modern ruins bear witness to this: ski resorts without snow, factories without work, empty oil rigs, all robbed of their true purpose by social change, finite resources and climate change.

This substance that has come to a standstill, in its specific but meaningless form, invites us to playfully inherit it. How can we repurpose it for the needs of the next generation, preserving its grey energy and cultural value for the future?

We want to try to colonize these empty forms and design projects that offer resilient, collective ways of living and working.

The semester is accompanied by contributions and critiques from experts. The integrated specialization serves to lay the foundations and build knowledge for the design.

First Meeting: 24.4.2025, 10 am

(Bldg. 11.40, R 115)

Pin-Ups: to be announced

Mandatory excursion: Switzerland, date to be announced

Submission/Presentation: 7.8.2025

Form: Individual work or teamwork is possible

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

Study Specialization: Housing

Team: Gian Trachsler, Anna Schork, Maximilian von Zepelin, Niklas Nalbach

**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 FRAGMENTSLanguage 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

**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

**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-sahara 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.-16.11.2024

Submission/Presentation: 26.02.2026

Form: Individual work and teamwork

Focus of study: Building Technology

No prior knowledge is required.


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



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					
ST 2025	1731086	The Chandigarh Challenge: Balancing Cultural Heritage and Future Urban Development (Neppl)	5 SWS	Project (P / )	Neppl, Giralt
ST 2025	1731160	Blue-Green Transformation. Reimagining Spinning Mill Area in Ettlingen.(Engel)	5 SWS	Project (P / )	Engel, Kannen
ST 2025	1731210	Think Garden (Schifferli)	5 SWS	Project (P / )	Schifferli, Zuber
WT 25/26	1700050	Independent Design Project		Project (P)	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 (P / )	Neppl, Krüger, Hetey
WT 25/26	1731065	Student competition 'Mühlburger Feld' Karlsruhe_ Inclusive Thinking – Renovation Begins in the Mind (Neppl)		Project (P / )	Neppl
WT 25/26	1731160	Lasna!dee. Perspectives for Resilient Neighbourhoods in Kuristiku / Talinn (Engel)	5 SWS	Project (P / )	Engel, Böcherer, Staab
WT 25/26	1731210	Thinking about the Garden (Schifferli)	5 SWS	/ 	Schifferli

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

The Chandigarh Challenge: Balancing Cultural Heritage and Future Urban Development (Neppl)

1731086, SS 2025, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Following the partition of British India into Pakistan and India in 1947 the government of India decided to build Chandigarh as a new capital for Punjab. The aim was to create a modern planned city that would represent the aspirations of the newly independent nation. This commission was given to Le Corbusier, who developed the renowned masterplan for Chandigarh together with his cousin Pierre Jeanneret and a team of Indian architects.

With a projected population increase of 35 % by 2035, the Chandigarh metropolitan region serves as an illustrative case study of dynamic urbanization in India. This leads to a conflict of interests between the aim to preserve the central part of the city and the urgent needs of future urban development. Would it have been in Le Corbusier's interest to design the city as a living museum or did the team of urban planners intend to create constantly renewing urban structure?

This studio will develop alternative scenarios for a balanced urban transformation, taking into account the pioneering character of Le Corbusier's masterplan, and examine answers for the city of the 21st century in terms of density, new housing and functional mix, sustainability and climate protection.

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

First Meeting: 24.04.2025, 10:00 am, Bldg. 11.40, R015

Pin-up: 22.05. and 03.07.2025

Presentation: 07.08.2025

Form: teamwork

Focus of study: Urban Design

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


Blue-Green Transformation. Reimagining Spinning Mill Area in Ettlingen.(Engel)

1731160, SS 2025, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Water is a central lifeline of the city – it is used to supply drinking water and irrigation, and is used for industrial processes and the transport of goods. Urban waterscapes offer places of peace and relaxation and shape the identity of a place. Nowadays, maintaining water quality, protecting against flooding and adapting to climate change pose major challenges for cities - including in Ettlingen. The spinning mill, located in the eastern part of the city on the Alb, played an important role in the city's economic development. Given the today economic turn towards service-based and innovation-driven sectors, the question arises as to how this historic industrial site can be transformed into a multifunctional district that promotes climate resilience, resource efficiency and ecological productivity.

In the design studio, innovative concepts for the spinning mill area are to be developed in the context of the overall urban development, which should see rainwater management, flood protection and water cycle use not only as a complex technological challenge, but also as a responsible design task and linked to ideas about urban greenery, biodiversity corridors and multifunctional open spaces.

The interdisciplinary studio is carried out together with the Chair of Hydraulic Engineering and Water Resources and in cooperation with the city of Ettlingen.

Appointment: Thu 09:00-13:00

First Meeting: Thu 24.04.2025, 10:00 am, 11.40 R013

Excursion: 24.04.25

Pin-Up: Thu 15.05.2025 , Do 03.07.2025

Submission: Tue 05.08.2025

Presentation: Thu 07.08.2025

Form: Group of 2 students/Individual work

Recommendation: -

Focus of study: Urban Design


Think Garden (Schifferli)

1731210, SS 2025, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Gardens are physical manifestations and localizations of our understanding and investigations into the origin of the ideas of the sublime and the beautiful. They are instruments to bring us closer to the power and meaningfulness of nature and landscape and to make them measurable and thus tangible. As spatially located orders, they symbolize a wholeness. A metaphysical idea and the craft of cultura, which transcend the factual content and meaning of the ideal, give rise to places of imaginary power that grow beyond the beauty of reality. Freedom must be the goal of thought in order to venture into the immeasurable.

The students choose a location and design their garden.

1st meeting: Thu 24.04.25, 09:00 am., Building 11.40, Room 126

Regular appointment: weekly from Wed 9:00 am

Intermediate critique: 05.06.25, 10.07.25

Submission/presentation: 07.08.2025

Form of work: Individual work

Study focus: Urban planning

Number of participants: 16

**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.

**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

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

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

**Project (PRO)
On-Site**

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 Integratives 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 adaption 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,

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

V**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 106)

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

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					
ST 2025	1710103	Advanced Building Studies Design (Frohn)	1 SWS	/ 🎧	Frohn, Gazzillo, Gernay, Mori
ST 2025	1710205	Advanced Architectural Design Studies (Bru)	1 SWS	Project (P / 🎧)	Bru, Zaparta, Schneider, Amon
ST 2025	1710306	Advanced Architectural Design Studies: (Hartmann)	1 SWS	Project (P / 🎧)	Hartmann, Coricelli, Kadid, Vansteenkiste, Zucchello
ST 2025	1710312	Advanced Building Studies Design (Brüggen)	1 SWS	Project (P / 🎧)	Brasanac, Brüggen
ST 2025	1720602	Advanced Construction Technology Design Studies (Hebel)	1 SWS	/ 🎧	Hebel, Kaiser Hirt, Yi
ST 2025	1720653	Advanced Construction Technology Design Studies (Kaiser): NEW FROM OLD	1 SWS	Project (P / 🎧)	Kaiser, Erlewein
ST 2025	1720702	Advanced Construction Technology Design Studies (von Both/Koch)	1 SWS	/ 🧩	von Both, Koch, Seiler-Cuesta
ST 2025	1720806	Advanced Construction Technology Design Studies (Dörstelmann)	1 SWS	Project (P / 🎧)	Dörstelmann, Feldmann, Witt
ST 2025	1720982	Advanced Design Project Studies 1, 2	0.5 SWS	Project (P / 🎧)	Wagner, Mann, Mino Rodriguez, Alanis Oberbeck
ST 2025	1731261	Advanced Project Studies (Trachsler/Inderbitzin): From Stocktaking to Building History	1 SWS	Seminar / 🎧	Inderbitzin, Trachsler, Schork, von Zepelin, Nalbach
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
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, Brasanac
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 (P / 🧑)	Müller, Gerteiser
WT 25/26	1720702	In-depth elaboration on the design on specific topics: Micro-Living (von Both)	1 SWS	Project (P / 🧑)	von Both, Koch, Seiler-Cuesta
WT 25/26	1720806	Advanced Design Studies (Dörstelmann)	1 SWS	Project (P / 🧑)	Dörstelmann, Feldmann, Fuentes Quijano
WT 25/26	1720982	Advanced Design Project Studies (A. Wagner)	0.5 SWS	Project (P / 🧑)	Wagner, Mann, Mino Rodriguez, Alanis Oberbeck, Kaul

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)

1710103, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

The event can only be selected in conjunction with the associated design Blue Banana 010 and is mandatory for this.



Advanced Architectural Design Studies (Bru)

1710205, SS 2025, 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



Advanced Architectural Design Studies: (Hartmann)

1710306, SS 2025, 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 (Brüggen)

1710312, SS 2025, 1 SWS, Language: German, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

The course can only be chosen in connection with the associated Master Studio and is mandatory for it.

First Meeting: 24.04.2025, 10:00 AM, Geb. 20.40, R221,



Advanced Construction Technology Design Studies (Hebel)

1720602, SS 2025, 1 SWS, Language: German, [Open in study portal](#)

On-Site

Content

The event can only be chosen in connection with the associated design "Matthäus Vision - Transformation of the Matthäuskirche in Karlsruhe" and is mandatory for it.

**Advanced Construction Technology Design Studies (Kaiser): NEW FROM OLD**1720653, SS 2025, 1 SWS, Language: German, [Open in study portal](#)**Project (PRO)**
On-Site**Content**

As an in-depth study, we will search together for building structures. The focus will be on buildings that are due to give way due to their exhausted life cycle. For example, we will locate, inspect and store old roof trusses, backyard sheds and barns.

These structures will be documented by means of a survey and incorporated directly into the design of the master studio. The work process is to be presented in the course of an exhibition on the IBA27 site.

The in-depth study is an integral part of the DOMINO ZIRKULAR master studio. Participation is mandatory if the design studio is chosen. The dates coincide with those of the master studio.

Exam: TBD

**Advanced Construction Technology Design Studies (von Both/Koch)**1720702, SS 2025, 1 SWS, Language: German, [Open in study portal](#)**Blended (On-Site/Online)****Content**

Within this course, specific topics and aspects of the design project "Ensemble 30.3x" 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, 24.04.2025, 9:00 a.m.

Appointment: Thursday by Arrangement, Online by Arrangement

Submission/Exam: Short presentation Tuesday, 05.08.25, Start 9:00 a.m.

Number of Participants: 15

Organizational issues

Vorraussetzung: Teilnahme am BLM-Entwurf "Ensemble 30.x"

Requirement: Partition at BLM- Design-planning "Ensemble 30.x"

**Advanced Construction Technology Design Studies (Dörstelmann)**1720806, SS 2025, 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 "Ghana Co-Lab: Co-creating digital pathways for circular construction in Kumasi" (LV1720807), for which it is mandatory.

First Meeting: 24.04.2025

Hand-in: 15.08.2025

**Advanced Design Project Studies 1, 2**1720982, SS 2025, 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

**Advanced Project Studies (Trachsler/Inderbitzin): From Stocktaking to Building History**1731261, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)**
On-Site

Content

The *Love Me Two Times* studio's in-depth study is designed to lay the foundations and build the knowledge for the design. The focus is on the site and the existing building: we want to understand the history of the building's development, explore the social context of its use and analyze its influence on its surroundings. We also want to make a detailed record of the existing fabric. The individual pieces of research will be edited into a film and worked on in groups per site (approx. 5 persons). The course can only be chosen in conjunction with the associated design and is compulsory.

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

Team: Gian Trachsler, Niklas Nalbach, Anna Schork, Maximilian von Zepelin

**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

**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)

On-Site1720504, WS 25/26, 1 SWS, Language: German/English, [Open in study portal](#)**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)

**Project (PRO)
On-Site**1720610, WS 25/26, 1 SWS, Language: German, [Open in study portal](#)**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)

**Project (PRO)
On-Site**1720702, WS 25/26, 1 SWS, Language: German, [Open in study portal](#)**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)

**Project (PRO)
On-Site**1720806, WS 25/26, 1 SWS, Language: English, [Open in study portal](#)

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

T

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
Examination of another type

Credits
4 CP

Grading
graded

Term offered
Each term

Version
1

Courses					
ST 2025	1710307	Design Theory: Access Denied	4 SWS	Seminar /	Hartmann, Kadid, Coricelli, Vansteenkiste, Zucchello
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

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: Access Denied

1710307, SS 2025, 4 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

We will be dealing with buildings that are well-known architectural objects that are not accessible. Why are they not accessible? To whom are they, nevertheless, and under what conditions? We will search for the various reasons for the lack of accessibility and for all imaginable ways to access them anyway. Examples to study are Casa Malaparte by Curzio Malaparte, Maison à Bordeaux by OMA, and National Bank in Copenhagen by Arne Jacobsen.

Event Format: Blended (On-Site/Online)

Appointment: Each second week - Wednesdays

First meeting: 30.04.2025 at 10.00h, Geb. 20.40-R221

Number of Participants: Maximum 16

Final Presentation: TBD

Output: Individual work

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

**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

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
Examination of another type




Credits
4 CP

Grading
graded

Term offered
Each term

Version
1

Courses					
ST 2025	1720825	RENABUMA: REinterpretation of NATural BUILDing MATerials using frugal digital construction technology innovation in Ghana	4 SWS	Seminar / 	Dörstelmann, Feldmann, Fuentes Quijano

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

Prerequisites
none

Workload
120 hours

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

V

RENABUMA: REinterpretation of NATural BUILDing MATerials using frugal digital construction technology innovation in Ghana

1720825, SS 2025, 4 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Reinterpreting the potential of digital construction technologies in the local socio-economic context of Ghana, this seminar is based on the results of the master studio 'Ghana Co-Lab'.

Centered around realising a demonstrator in Kumasi, in cooperation with students from the Kwame Nkrumah University of Science and Technology (KNUST), the project merges local materials with digital tools - reducing scaling hurdles, costs, and skill barriers while creating new economic opportunities.

As a student-led design and build project, the group work spans from the exploration of novel architectural expression to building a one storey high demonstrator that can be projected onto multistorey low-impact, low-cost, high-quality housing for urban contexts.

Time frame: 01.09.25-24.09.2025

Location: Accra/ Kumasi, Ghana

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					
ST 2025	1720707	Detailed Topics of BLM: Home Assistant Systems	4 SWS	Lecture / Practice (/ ☞)	von Both, Koch
WT 25/26	1720706	Special Topics of BLM: Programming with AI	4 SWS	Lecture / Practice (/ ☞)	von Both, Koch
WT 25/26	1720707	In-depth topics of BLM: AI architecture machines	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

Detailed Topics of BLM: Home Assistant Systems

1720707, SS 2025, 4 SWS, Language: German/English, [Open in study portal](#)

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

Content

In this Seminar, we will look at the Basics of the open smart home Platform: "Home Assistant". We will learn the theoretical Basics of the Environment and test them in practice in self-created use cases.

When implementing the individual Scenarios, we apply AI techniques and implement them in self-built Hardware and Software Projects.

No previous knowledge is required for the seminar.

First Meeting: Monday, 28.04.2024, 9:45 a.m., Seminar Room A, BLM

Regular appointments: Mondays, 9:45 -11:15 a.m., Supervision individual on request

Submission/Exam: Monday, 11.08.2024, 9:00 a.m

Max. Number of Participants: 12

V

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

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

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

1. Appointment: Monday, 2025/10/27, 09:45 am, BLM

Examination Date: Monday, 2026/03/01, 09:45 am, BLM

Organizational issues

Master

T

4.16 Module component: Digital Design and Fabrication [T-ARCH-111790]

Coordinators: TT-Prof. Moritz Dörstelmann
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105857 - Digital Design and Fabrication](#)



Type
Examination of another type



Credits
4 CP

Grading
graded

Term offered
Each term

Version
1

Courses					
ST 2025	1720807	Digital Design and Fabrication: Robotic Earth Reinforcement: Exploring digitally enabled hybrid construction with natural fiber reinforced earth (Dörstelmann)	4 SWS	Seminar / 	Dörstelmann, Fuentes Quijano
ST 2025	1720825	RENABUMA: REinterpretation of NATural BUILDing MATERIALs using frugal digital construction technology innovation 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: Robotic Earth Reinforcement: Exploring digitally enabled hybrid construction with natural fiber reinforced earth (Dörstelmann)

**Seminar (S)
On-Site**

1720807, SS 2025, 4 SWS, Language: English, [Open in study portal](#)

Content

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

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

First Meeting: By prior arrangement.

Place: DDF_Lab, Hardeckstraße 2a & Online.

Form: Individual work and teamwork.

Rhinoceros & Grasshopper basic skills are recommended but not required.

V

RENABUMA: REinterpretation of NATural BUILDing MATERIALs using frugal digital construction technology innovation in Ghana

**Seminar (S)
On-Site**

1720825, SS 2025, 4 SWS, Language: English, [Open in study portal](#)

Content

Reinterpreting the potential of digital construction technologies in the local socio-economic context of Ghana, this seminar is based on the results of the master studio '**Ghana Co-Lab**'.

Centered around realising a demonstrator in Kumasi, in cooperation with students from the Kwame Nkrumah University of Science and Technology (KNUST), the project merges local materials with digital tools - reducing scaling hurdles, costs, and skill barriers while creating new economic opportunities.

As a student-led design and build project, the group work spans from the exploration of novel architectural expression to building a one storey high demonstrator that can be projected onto multistorey low-impact, low-cost, high-quality housing for urban contexts.

Time frame: 01.09.25-24.09.2025





Location: Accra/ Kumasi, Ghana

T

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**
Oral examination**Credits**
2 CP**Grading**
graded**Term offered**
Each summer term**Version**
1

Courses					
ST 2025	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 Concepts1720970, SS 2025, 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 R240 Bauko

First meeting: Tues. 22.04.2025, 14:00 AM

Submission/Exam: 11.08.2025/12.08.2025

Number of Participants: 10

T

4.18 Module component: Fine Arts [T-ARCH-107366]

Coordinators: Prof. Stephen Craig
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103624 - Fine Arts](#)

Type
Examination of another type

Credits
4 CP

Grading
graded

Term offered
Each term

Version
1

Courses					
ST 2025	1710365	Fine Arts: #Third spaces: Transformative forms of coming together	4 SWS	Seminar /	Craig, Schelble
ST 2025	1710367	Fine Arts: Fresh air drawing Foot walk diaries	4 SWS	Seminar /	Craig
ST 2025	1710370	Fine Arts: genius loci – spirit of the place	4 SWS	Seminar /	Craig, Mühlen
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

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: #Third spaces: Transformative forms of coming together

1710365, SS 2025, 4 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

Regular date Fridays: 09:45-13:00

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

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

Maximum 8 students

V

Fine Arts: Fresh air drawing Foot walk diaries

1710367, SS 2025, 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 DINA4 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, DINA4, 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: 29.04.2025

Submission / Exam:

Number of participants: 12 + 3 Erasmus

**Fine Arts: genius loci – spirit of the place**

1710370, SS 2025, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In the seminar, we explore various artistic strategies and methods from the fields of field research, walksapes, and psychogeography, etc. Concrete exercises and a spirit of experimentation help us unlearn patterns of perception and discover alternative approaches to our familiar environment. We practice this at different locations in the city's public space. The aim of the seminar is an artistic engagement with a specific place and its conditions. This process takes place through the use of one or more media (e.g., mapping, text, photography, sound work, etc.) and culminates in a final presentation.

This expanded form of engagement provides us, as designers, with a foundation to grasp the genius loci – the spirit of a place – and integrate it into future planning processes."

regulating term: Monday 14:00-17:15 Uhr, ab 28.04.2025, Building 20.40 Room 204 / Zeichensaal

Seminar location: changing meeting points in the public space of Karlsruhe (individual appointments in the seminar room)

Test: 11.08.2025

12 Master +2 Erasmus

**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

**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

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
Oral examination

Credits
2 CP





Grading
graded

Term offered
Each summer term

Version
1

Courses

ST 2025	1720963	Fire Protection in Planning and Building	2 SWS	Lecture / 	Wagner, Hermann
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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 2025, 2 SWS, Language: German, [Open in study portal](#)

Lecture (V)
On-Site

Content

The students are gaining insight into the fire protection of buildings. Topics like properties of building materials and building parts and their classification in terms of fire protection, fire alarm systems, fire-extinguishing systems and fume/heat outlets, fire zones, escape routes and fire protection concepts are introduced. Besides addressing fundamental knowledge, construction and design related aspects of fire protection in buildings are discussed in detail on the basis of examples from practice. For qualification targets see module handbook.

Appointment: Fr. 09:45 AM - 13:00 PM fortnightly R240 Bauko

First meeting: Fr. 25.04.2025, 09:45 Uhr.

Examination: 08.08.2025

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					
ST 2025	1710103	Advanced Building Studies Design (Frohn)	1 SWS	/	Frohn, Gazzillo, Gernay, Mori
ST 2025	1710205	Advanced Architectural Design Studies (Bru)	1 SWS	Project (P /	Bru, Zaparta, Schneider, Amon
ST 2025	1710306	Advanced Architectural Design Studies: (Hartmann)	1 SWS	Project (P /	Hartmann, Coricelli, Kadid, Vansteenkiste, Zucchello
ST 2025	1710312	Advanced Building Studies Design (Brüggen)	1 SWS	Project (P /	Brasanac, Brüggen
ST 2025	1720602	Advanced Construction Technology Design Studies (Hebel)	1 SWS	/	Hebel, Kaiser Hirt, Yi
ST 2025	1720653	Advanced Construction Technology Design Studies (Kaiser): NEW FROM OLD	1 SWS	Project (P /	Kaiser, Erlewein
ST 2025	1720702	Advanced Construction Technology Design Studies (von Both/Koch)	1 SWS	/	von Both, Koch, Seiler-Cuesta
ST 2025	1720806	Advanced Construction Technology Design Studies (Dörstelmann)	1 SWS	Project (P /	Dörstelmann, Feldmann, Witt
ST 2025	1720982	Advanced Design Project Studies 1, 2	0.5 SWS	Project (P /	Wagner, Mann, Mino Rodriguez, Alanis Oberbeck
ST 2025	1731061	Advanced Urban Design Project Studies: The Chandigarh Challenge: Research, Analytics and Publication (Neppl)	1 SWS	/	Neppl, Giralt
ST 2025	1731161	Advanced Urban Design Project Studies (Engel): Instruments of Water-Sensitive Urban Planning	2 SWS	Seminar /	Engel, Kannen
ST 2025	1731211	Advanced Urban Design Project Studies: Think Garden (Schifferli)	1 SWS	/	Schifferli, Zuber
ST 2025	1731261	Advanced Project Studies (Trachsler/Inderbitzin): From Stocktaking to Building History	1 SWS	Seminar /	Inderbitzin, Trachsler, Schork, von Zepelin, Nalbach
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
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, Brasanac

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 (P /	Müller, Gerteiser
WT 25/26	1720702	In-depth elaboration on the design on specific topics: Micro-Living (von Both)	1 SWS	Project (P /	von Both, Koch, Seiler-Cuesta
WT 25/26	1720806	Advanced Design Studies (Dörstelmann)	1 SWS	Project (P /	Dörstelmann, Feldmann, Fuentes Quijano
WT 25/26	1720982	Advanced Design Project Studies (A. Wagner)	0.5 SWS	Project (P /	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 (P /	Neppl
WT 25/26	1731161	Advanced Urban Design Project Studies (Engel): Discussing Lasnamäe	1 SWS	/	Engel, Böcherer, Staab
WT 25/26	1731211	Advanced Urban Design Project Studies (Schifferli)	1 SWS	/	Schifferli

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)

1710103, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

The event can only be selected in conjunction with the associated design Blue Banana 010 and is mandatory for this.

V

Advanced Architectural Design Studies (Bru)

1710205, SS 2025, 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

V

Advanced Architectural Design Studies: (Hartmann)

1710306, SS 2025, 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 (Brüggen)

1710312, SS 2025, 1 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

The course can only be chosen in connection with the associated Master Studio and is mandatory for it.

First Meeting: 24.04.2025, 10:00 AM, Geb. 20.40, R221,



Advanced Construction Technology Design Studies (Hebel)

1720602, SS 2025, 1 SWS, Language: German, [Open in study portal](#)

On-Site

Content

The event can only be chosen in connection with the associated design "Matthäus Vision - Transformation of the Matthäuskirche in Karlsruhe" and is mandatory for it.



Advanced Construction Technology Design Studies (Kaiser): NEW FROM OLD

1720653, SS 2025, 1 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

As an in-depth study, we will search together for building structures. The focus will be on buildings that are due to give way due to their exhausted life cycle. For example, we will locate, inspect and store old roof trusses, backyard sheds and barns.

These structures will be documented by means of a survey and incorporated directly into the design of the master studio. The work process is to be presented in the course of an exhibition on the IBA27 site.

The in-depth study is an integral part of the DOMINO ZIRKULAR master studio. Participation is mandatory if the design studio is chosen. The dates coincide with those of the master studio.

Exam: TBD



Advanced Construction Technology Design Studies (von Both/Koch)

1720702, SS 2025, 1 SWS, Language: German, [Open in study portal](#)

Blended (On-Site/Online)

Content

Within this course, specific topics and aspects of the design project "Ensemble 30.3x" 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, 24.04.2025, 9:00 a.m.

Appointment: Thursday by Arrangement, Online by Arrangement

Submission/Exam: Short presentation Tuesday, 05.08.25, Start 9:00 a.m.

Number of Participants: 15

Organizational issues

Vorraussetzung: Teilnahme am BLM-Entwurf "Ensemble 30.x"

Requirement: Partition at BLM- Design-planning "Ensemble 30.x"



Advanced Construction Technology Design Studies (Dörstelmann)

1720806, SS 2025, 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 "Ghana Co-Lab: Co-creating digital pathways for circular construction in Kumasi" (LV1720807), for which it is mandatory.

First Meeting: 24.04.2025

Hand-in: 15.08.2025



Advanced Design Project Studies 1, 2

1720982, SS 2025, 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: The Chandigarh Challenge: Research, Analytics and Publication (Neppl)

On-Site

1731061, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)

Content

As an extension of the urban design studio "The Chandigarh Challenge: Balancing Cultural Heritage and Future Urban Development", we are accompanying the project with additional research into the origins of Chandigarh and the pioneering work of Le Corbusier, his cousin Pierre Jeanneret, the British architects Maxwell Fry and Jane Drew ('tropical architecture') and the Indian modernists involved, such as Aditya Prakash and Anant Prabhawalkar.

In parallel to research into the architectural history of this prime example of a modernist planned city, the urban structure of Chandigarh will be analysed graphically and subsequently presented in various thematic maps and scales.

The event can only be chosen in connection with the corresponding urban design project "The Chandigarh Challenge: Balancing Cultural Heritage and Future Urban Development" and is mandatory for it.

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

Exam: 07.08.2025

V

Advanced Urban Design Project Studies (Engel): Instruments of Water-Sensitive Urban Planning

**Seminar (S)
On-Site**

1731161, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

Content

In this deepening course, strategies and design approaches for water-sensitive and water-resilient urban development will be critically examined and evaluated using national and international case studies. This includes solutions for rainwater management, rainwater utilization and green infrastructures as well as planning strategies, governance structures and the processes of decision-making and citizen participation. How can integrated sustainable and resilient blue-green infrastructures contribute to the transformation and further development of the productive city? The analyses developed provide an important basis for the design work.

Appointments: Thu 14:00-16:00 pm, 11.40 R 013

First meeting: Thu 24.04.2025, 10:00 am, 11.40 R013

Submission/Exam: Thu

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)

On-Site

1731211, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)

Content

This course can only be chosen in conjunction with the related course Urban Planning "Think Garden" and is compulsory for this course.

V

Advanced Project Studies (Trachsler/Inderbitzin): From Stocktaking to Building History

**Seminar (S)
On-Site**

1731261, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)

Content

The *Love Me Two Times* studio's in-depth study is designed to lay the foundations and build the knowledge for the design. The focus is on the site and the existing building: we want to understand the history of the building's development, explore the social context of its use and analyze its influence on its surroundings. We also want to make a detailed record of the existing fabric. The individual pieces of research will be edited into a film and worked on in groups per site (approx. 5 persons). The course can only be chosen in conjunction with the associated design and is compulsory.

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

Team: Gian Trachsler, Niklas Nalbach, Anna Schork, Maximilian von Zepelin

**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

**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)

On-Site1720504, WS 25/26, 1 SWS, Language: German/English, [Open in study portal](#)**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)

**Project (PRO)
On-Site**1720610, WS 25/26, 1 SWS, Language: German, [Open in study portal](#)**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)

**Project (PRO)
On-Site**1720702, WS 25/26, 1 SWS, Language: German, [Open in study portal](#)**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)

**Project (PRO)
On-Site**1720806, WS 25/26, 1 SWS, Language: English, [Open in study portal](#)

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 (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 (Neppl): Compact Seminar on “Barrier-Free and Generation-Appropriate” Design with Self-Awareness Training**

1731066, WS 25/26, SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

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 / Talinn" 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





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

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

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
Examination of another type





Credits
4 CP

Grading
graded

Term offered
Each term

Version
1

Courses					
ST 2025	1741384	Architecture in Film: History of Architecture/Urban Planning: Other Locations (Teil 2)	2 SWS	Seminar / 	Medina Warmburg
ST 2025	1741385	History of Garden Art: History of Architecture/Urban Planning: Hamburg's Urban Greenery - a Historical Overview of the last 200 Years	2 SWS	Excursion (E / 	Medina Warmburg, Gawlik
ST 2025	1741387	History of Cultural Landscapes: History of Architecture/Urban Planning: Resources, Regulation, and Regional Planning: Perspectives on an Environmental History of Architecture in the Early Modern Era	2 SWS	Seminar / 	Medina Warmburg, Silvestri
ST 2025	1741390	Historical Building Research _ Free Student Research Project	2 SWS	Project (P / 	Medina Warmburg, Busse
ST 2025	1741391	Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Schlossgarten Karlsruhe	2 SWS	Seminar / 	Medina Warmburg, Garrido
ST 2025	1741394	Applied Historical Building Research_Exercise_Summer School Bronnbach Monastery	2 SWS	Block / 	Medina Warmburg, Busse
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

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**Architecture in Film: History of Architecture/Urban Planning: Other Locations (Teil 2) Seminar (S)**1741384, SS 2025, 2 SWS, Language: German, [Open in study portal](#)**On-Site****Content**

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

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

Film evenings: 5 double sessions in May and June

Focus of study: Architectural and Cultural Heritage

V**History of Garden Art: History of Architecture/Urban Planning: Hamburg's Urban Greenery - a Historical Overview of the last 200 Years**1741385, SS 2025, 2 SWS, Language: German, [Open in study portal](#)**Excursion (EXK)
On-Site****Content**

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

First Meeting: 25.04.25, 5pm (online)

Excursion: 11.-14.09.25

Submission/Exam: 30.09.2025

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

Focus of study: Architectural and Cultural Heritage

V**History of Cultural Landscapes: History of Architecture/Urban Planning: Resources, Regulation, and Regional Planning: Perspectives on an Environmental History of Architecture in the Early Modern Era**1741387, SS 2025, 2 SWS, Language: German, [Open in study portal](#)**Seminar (S)
On-Site**

Content

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

Submission/Exam: 30.09.2025

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

Focus of study: Architectural and Cultural Heritage

V**Historical Building Research _ Free Student Research Project**

1741390, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

Die Kompetenz der Transformation im Spannungsfeld von erhalten und erneuern bewusst zu gestalten, verlangt methodisches Vorgehen innerhalb der unterschiedlichen Strategien, den Baubestand zu formen. Diese setzt eine grundlegende Erfassung, Analyse und Bewertung der vorhandenen Bausubstanz voraus. An einem frei gewählten Objekt wird anhand von Archivalien, Bestandsplänen, Aufmass und Veränderungsgeschichte analysiert und mit am Bestand orientierten Nutzungskonfigurationen weiterentwickelt.

1st meeting: Mon 05.05.2025, 2 pm

Appointments by arrangement

Examination/submission: Analysis, drawings and presentation of a topic, Multi-part term paper

Submission: 30.09.2025

Number of participants: 8 bachelor, 8 Master

Focus of study: Architectural and Cultural Heritage

V**Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Schlossgarten Karlsruhe**

1741391, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

The Schlossgarten in Karlsruhe has been a critical piece of the city's infrastructure since its foundation, serving not only as an illustration of the state's power but also as an integral element of the built environment.

The seminar proposes to explore various components of the park and its history by employing architectural research and representation tools, as well as archival material and documentation. Through these methods, the aim is to uncover, analyze and communicate the intricate layers of overlapping infrastructure in the Schlossgarten, crafting an "urban biography" portraying the city's evolution.

Submission/Exam: presentation and paper due 30.09.2025

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

Focus of study: Architectural and Cultural Heritage

V**Applied Historical Building Research_Exercise_Summer School Bronnbach Monastery Block (B)**

1741394, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

On-Site

Content

The ability to consciously shape the transformation in the field of tension between preservation and renewal requires a methodical approach within the various strategies for shaping the existing building stock. This requires a fundamental recording, analysis and evaluation of the existing building fabric. In the summer school, the hall garden of the monastery in Bronnbach will be analyzed as part of a one-week summer school in archives, as-built plans, measurements and the history of changes and further developed with configurations of use appropriate to the listed building.

Registration not via Campus Plus. Please come to the 1st meeting.

1st meeting: Mon 28.04.2025, 2 pm, Bldg. 20.40 room: 015

Mandatory excursion 21.-25.07.2025

Open for Bachelor, Master and Art History

Focus of study: Architectural and Cultural Heritage

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

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	Lecture / Practice (/ 🎧)	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](#)

**Lecture / Practice (VÜ)
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 106)

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					
ST 2025	1741384	Architecture in Film: History of Architecture/Urban Planning: Other Locations (Teil 2)	2 SWS	Seminar / 	Medina Warmburg
ST 2025	1741385	History of Garden Art: History of Architecture/Urban Planning: Hamburg's Urban Greenery - a Historical Overview of the last 200 Years	2 SWS	Excursion (E / 	Medina Warmburg, Gawlik
ST 2025	1741387	History of Cultural Landscapes: History of Architecture/Urban Planning: Resources, Regulation, and Regional Planning: Perspectives on an Environmental History of Architecture in the Early Modern Era	2 SWS	Seminar / 	Medina Warmburg, Silvestri
ST 2025	1741390	Historical Building Research _ Free Student Research Project	2 SWS	Project (P / 	Medina Warmburg, Busse
ST 2025	1741391	Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Schlossgarten Karlsruhe	2 SWS	Seminar / 	Medina Warmburg, Garrido
ST 2025	1741394	Applied Historical Building Research_Exercise_Summer School Bronnbach Monastery	2 SWS	Block / 	Medina Warmburg, Busse
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

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**Architecture in Film: History of Architecture/Urban Planning: Other Locations (Teil 2)****Seminar (S)**1741384, SS 2025, 2 SWS, Language: German, [Open in study portal](#)**On-Site****Content**

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

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

Film evenings: 5 double sessions in May and June

Focus of study: Architectural and Cultural Heritage

V**History of Garden Art: History of Architecture/Urban Planning: Hamburg's Urban Greenery - a Historical Overview of the last 200 Years****Excursion (EXK)****On-Site**1741385, SS 2025, 2 SWS, Language: German, [Open in study portal](#)**Content**

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

First Meeting: 25.04.25, 5pm (online)

Excursion: 11.-14.09.25

Submission/Exam: 30.09.2025

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

Focus of study: Architectural and Cultural Heritage

V**History of Cultural Landscapes: History of Architecture/Urban Planning: Resources, Regulation, and Regional Planning: Perspectives on an Environmental History of Architecture in the Early Modern Era****Seminar (S)****On-Site**1741387, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Content

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

Submission/Exam: 30.09.2025

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

Focus of study: Architectural and Cultural Heritage

V**Historical Building Research _ Free Student Research Project**

1741390, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

Die Kompetenz der Transformation im Spannungsfeld von erhalten und erneuern bewusst zu gestalten, verlangt methodisches Vorgehen innerhalb der unterschiedlichen Strategien, den Baubestand zu formen. Diese setzt eine grundlegende Erfassung, Analyse und Bewertung der vorhandenen Bausubstanz voraus. An einem frei gewählten Objekt wird anhand von Archivalien, Bestandsplänen, Aufmass und Veränderungsgeschichte analysiert und mit am Bestand orientierten Nutzungskonfigurationen weiterentwickelt.

1st meeting: Mon 05.05.2025, 2 pm

Appointments by arrangement

Examination/submission: Analysis, drawings and presentation of a topic, Multi-part term paper

Submission: 30.09.2025

Number of participants: 8 bachelor, 8 Master

Focus of study: Architectural and Cultural Heritage

V**Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Schlossgarten Karlsruhe**

1741391, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

The Schlossgarten in Karlsruhe has been a critical piece of the city's infrastructure since its foundation, serving not only as an illustration of the state's power but also as an integral element of the built environment.

The seminar proposes to explore various components of the park and its history by employing architectural research and representation tools, as well as archival material and documentation. Through these methods, the aim is to uncover, analyze and communicate the intricate layers of overlapping infrastructure in the Schlossgarten, crafting an "urban biography" portraying the city's evolution.

Submission/Exam: presentation and paper due 30.09.2025

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

Focus of study: Architectural and Cultural Heritage

V**Applied Historical Building Research_Exercise_Summer School Bronnbach Monastery Block (B)**

1741394, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

On-Site

Content

The ability to consciously shape the transformation in the field of tension between preservation and renewal requires a methodical approach within the various strategies for shaping the existing building stock. This requires a fundamental recording, analysis and evaluation of the existing building fabric. In the summer school, the hall garden of the monastery in Bronnbach will be analyzed as part of a one-week summer school in archives, as-built plans, measurements and the history of changes and further developed with configurations of use appropriate to the listed building.

Registration not via Campus Plus. Please come to the 1st meeting.

1st meeting: Mon 28.04.2025, 2 pm, Bldg. 20.40 room: 015

Mandatory excursion 21.-25.07.2025

Open for Bachelor, Master and Art History

Focus of study: Architectural and Cultural Heritage

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







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					
ST 2025	1700053	Stegreif nach freier Wahl		Project (P / 🧠)	Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Kaiser, La Magna, Neppl, Wappner
ST 2025	1710110	Impromptu Designs (Frohn): (Inhabiting) Unplanned Plans	1 SWS	Project (P / 📱)	Frohn, Mori
ST 2025	1710380	Stegreif: #Places under Trees: Sustainable Seating Sculptures	1 SWS	Project (P / 🧠)	Craig, Schelble
ST 2025	1710381	Stegreif: #Aesthetics of soil (after)life	1 SWS	Project (P)	Craig, Schelble
ST 2025	1710418	Stegreif: Take it to the streets!	1 SWS	Project (P / 🧠)	Fankhänel
ST 2025	17207010	Impromptu Design (von Both/ Koch): Heart of KIT	1 SWS	Practice / 📱	von Both, Koch, Seiler-Cuesta
ST 2025	17207011	Stegreif TourXperience (Koch/ Both)	1 SWS	Practice / 🧩	von Both, Koch
ST 2025	1720811	Stegreif (Dörstelmann)	1 SWS	Project (P / 🧠)	Dörstelmann
ST 2025	1720981	Impromptu Design: Free Topic	1 SWS	Project (P / 📱)	Wagner
ST 2025	1731091	Stegreif (Neppl): Heritage & Solar Energy – Exhibition Concept for Landsberg am Lech	1 SWS	Project (P / 🧩)	Neppl, Zeile
ST 2025	1731166	Impromptus Urban Design Project (Engel) - City Concepting	1 SWS	Project (P / 🧠)	Engel
ST 2025	1731266	Impromptus Urban Design Project (Trachsler/Inderbitzin): One Minute Furniture	1 SWS	Project (P / 🧠)	Inderbitzin, Schork, von Zepelin
WT 25/26	1700053	Stegreif nach freier Wahl		Project (P)	von Both, Bru, Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Kaiser, Müller, Neppl, Schifferli
WT 25/26	1710113	Impromptu: (Inhabiting) Unplanned Plans (Frohn)		Project (P)	Frohn, Mori
WT 25/26	1710210	Stegreif (Bru): (Un)building Workshop, Borderline Investigation #2		Project (P)	Bru, Kunkel, Schneider, Amon, Brückner
WT 25/26	1720505	Stegreif: Storchenturm Denzlingen (Mueller)	1 SWS	Project (P / 🧠)	Müller
WT 25/26	1720652	Stegreif: Domino Zirkular - 1:1 Demonstrator	1 SWS	Project (P / 🧠)	Kaiser, Büchle, Erlewein
WT 25/26	1720709	Stegreif Anamorphosen	1 SWS	Project (P / 🧩)	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 (P / 🧠)	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 (P / )	La Magna, Bechert, Andersson Lagueche
WT 25/26	1720811	Stegreif (Dörstelmann)	1 SWS	Project (P / )	Dörstelmann
WT 25/26	1720984	Design: Free Topic	1 SWS	Project (P / )	Wagner, Mino Rodriguez, Kaul, Mann, Alanis Oberbeck
WT 25/26	1731062	Visual Axes & Solar Potential – Spatial Analysis Using Augsburg's 3D City Model		Project (P / )	Neppl, Zeile
WT 25/26	1731166	Stegreif: City concepting		Project (P / )	Engel
WT 25/26	1731212	Stegreif: Memory and Imagination	2 SWS	Project (P / )	Schifferli

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:



Impromptu Designs (Frohn): (Inhabiting) Unplanned Plans

1710110, SS 2025, 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: TBD

Regular meetings: TBD

Submission/Exam: TBD



Stegreif: #Places under Trees: Sustainable Seating Sculptures

1710380, SS 2025, 1 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

The impromptu #Places under Trees: Sustainable Seating Sculptures deals with the design and construction of sculptural seating for outdoor areas. In addition to beauty of form and creative design, the functionality of the objects plays an important role. The seating sculptures must fulfil the criteria of public spaces, i.e. be safe, stable and weatherproof. With regard to the sustainable use of resources, waste wood, scrap metal and possibly fragments of bulky waste can be considered. The resulting seating sculptures will be set up in public and released for use.

Edition: Tuesday, 13 May 2025, 10:00 am, Building 20.40 Room 204 (drawing room)

Presentation: Tuesday 17 June 2025, 10:00 am, Meriske West, Rheinstetten

Number of participants unlimited

The event will be held in German.

**Stegreif : #Aesthetics of soil (after)life**

1710381, SS 2025, 1 SWS, Language: German, [Open in study portal](#)

Project (PRO)

Content

Participants in the impromptu course #Aesthetics of soil (after)life are invited to think about a user-friendly construction that allows an archaeological view into the soil and at the same time offers the opportunity to observe the different soil layers with their different soil life. Specific challenges need to be addressed here - e.g. safety in public spaces, groundwater levels, material properties, etc. Other factors that the design should fulfil are the possibility of pedagogical education through observation and the aesthetics of simple solutions that are largely oriented towards functionality.

Edition: Friday, 16 May 2025, 15:00, Building 20.40 Room 204 (drawing room)

Presentation: Friday 20 June 2025, 15:00, Building 20.40 Room 204 (drawing room)

Number of participants unlimited

The event will be held in German.

**Stegreif: Take it to the streets!**

1710418, SS 2025, 1 SWS, Language: English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

In contrast to architectural photography, the perfectly staged, over-aestheticized building is not the center of attention in street photography. It addresses the city in its everyday appearance and in the interaction with the people who move around in it. The Stegreif, in collaboration with the Karlsruhe Architekturschaufenster, invites students to take their very own look at the city.

The Stegreif will take place on 2 entire days 24.-25.4.

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**Impromptu Design (von Both/Koch): Heart of KIT**

17207010, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)

**Practice (Ü)
Online**

Content

The courtyard of honor of the KIT and especially the entrance area of building 10.91. are no longer up to date. As an international, open, innovative and lively institution, KIT would like to counter this impression and is proposing the design of a holistic and modern central courtyard. The Ehrenhof is home to the oldest buildings and the two oldest faculties (ARCH and MACH). Barrier-free access to building 10.91., a more open and transparent design of the entrance area, and the creation of a covered bicycle parking area are to play a central role in the design.

Hand over: Tuesday, 22.04.2025, 9:00 a.m. Seminar Room BLM

Presentation: Tuesday, 06.05.2024, 9:00 a.m

Number of Participants: unlimited

Organizational issues

Master

**Stegreif TourXperience (Koch/Both)**

17207011, SS 2025, 1 SWS, Language: English, [Open in study portal](#)

**Practice (Ü)
Blended (On-Site/Online)**

Content

We examine the workflow of the Meta Quest VR headset and explore potential applications for the immersive presentation of architectural content.

First appointment: 23.06.2025, 12:00 pm, Seminarroom BLM

Submission/Presentation: 15.07.2023, 10:00 am, Seminarroom BLM

Exam type: presentation

**Stegreif (Dörstelmann)**

1720811, SS 2025, 1 SWS, Language: 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 131.

**Impromptu Design: Free Topic**

1720981, SS 2025, 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.

**Stegreif (Neppl): Heritage & Solar Energy – Exhibition Concept for Landsberg am Lech**

1731091, SS 2025, 1 SWS, Language: German, [Open in study portal](#)

Project (PRO)
Blended (On-Site/Online)

Content

How can heritage conservation and renewable energy be harmonised? The study on the solar framework plan for Landsberg am Lech's historic centre provides key insights into the heritage-friendly use of solar energy. Researchers used the digital twin from the mFUND project "TwinCity3D" to analyse sightlines and identify sensitive areas. The task is to design an exhibition concept that visually presents these findings to the public at the Old Town Hall.

The goal is to create transparency and foster dialogue on sustainable energy in historic settings.

First Meeting: Tue 01.04.2025, 1:00 pm, Bldg. 11.40, R015

Submission: Tue 14.04.2025, 1:00 pm

Focus of study: Urban Design

**Impromptus Urban Design Project (Engel) - City Concepting**

1731166, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

The Theme is to be announced on the Homepage.

Issue: tba

Submission: tba

Presentation: tba

Number of participants: unlimited

Focus of study: Urban Design

**Impromptus Urban Design Project (Trachsler/Inderbitzin): One Minute Furniture**

1731266, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

One meter more table for more people. A place for your coffee cup in the morning. A light for your book in the evening. We would like to have these furniture right now. Practically in a minute. The shopping list for the DIY store and the self-drawn assembly instructions encourage us to build it ourselves. Without tools, we try to brace, force or wedge the pieces together. Thanks to the easily detachable joints, the parts can be taken apart and put back into the cycle for the next One Minute Furniture.

First Meeting: to be announced

Submission/Presentation: will be announced

Bldg. 11.40, R 115, Presence

Team:

**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.

**Stegreif: Construction of a node model for design in Interdisciplinary Design of Steel Structures**

1720757, 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.

**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.

**Design: Free Topic**

1720984, 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 Model**

Project (PRO)
Blended (On-Site/Online)

1731062, WS 25/26, SWS, Language: German/English, [Open in study portal](#)

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 concepting**

Project (PRO)
On-Site

1731166, WS 25/26, SWS, Language: German/English, [Open in study portal](#)

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 Imagination**

Project (PRO)
On-Site

1731212, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)

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




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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					
ST 2025	1700054	Independent Student Research Project	1 SWS	Project (P / )	Dörstelmann, Engel, Frohn, Hartmann, Hebel, Hinterwaldner, Inderbitzin, Jehle, Kaiser, Klinge, La Magna, Medina Warmburg, Meister, Neppi, Rambow, Wagner, Wappner
ST 2025	1720809	Freie Studienarbeit: Digital Design and Fabrication	1 SWS	Seminar / 	Dörstelmann
ST 2025	1720980	Independent Student Research Project: Building Physics or Technical Building Services	0.5 SWS	Project (P / 	Wagner, Mino Rodriguez, Mann
WT 25/26	1720980	Independent Student Research Project	0.5 SWS	Others (sons / 	Wagner, Mann, Mino Rodriguez, Alanis Oberbeck, Kaul

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

Independent Student Research Project

1700054, SS 2025, 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 "Fachgebiet". If you are interested, please contact the respective professor.

V

Freie Studienarbeit: Digital Design and Fabrication

1720809, SS 2025, 1 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

The course offers an opportunity for students to develop their own research- and design-led investigations, addressing issues of digital circular construction and sustainability through computational design, innovative construction methods, material systems and digital fabrication. Interested students can contact the Professur Digital Design and Fabrication to determine possible topics or to propose their ideas. Topics must be discussed and agreed upon with DDF prior to application.

First Meeting: by prior arrangement

Submission/Exam: by prior arrangement

V

Independent Student Research Project: Building Physics or Technical Building Services

**Project (PRO)
On-Site**

1720980, SS 2025, 0.5 SWS, Language: German, [Open in study portal](#)

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

V

Independent Student Research Project

**Others (sonst.)
On-Site**

1720980, WS 25/26, 0.5 SWS, Language: German/English, [Open in study portal](#)

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

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

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, 2026/03/04


Organizational issues





Master

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 Lagueche

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 Footbridge1720755, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)**Seminar (S)
On-Site****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					
ST 2025	1720755	Interdisciplinary Design of Timber Structures: Play! Indoor		Seminar / 	La Magna, Dietsch, Müller, Aurand, Frohnhöfer
ST 2025	6213803	Interdisciplinary Structural Development in Timber Construction	4 SWS	Lecture / Practice (/ )	Dietsch, La Magna
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

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 Timber Structures: Play! Indoor

1720755, SS 2025, SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Sports halls are places of encounter. The structure of sports halls is a central design element due to the required span widths. Close collaboration between architects and civil engineers is therefore essential to create an atmosphere of interaction.

This is precisely the challenge you will face in this interdisciplinary seminar: In "Play! Indoor", you will work together with civil engineering students to design a sports hall using timber construction. The reference project is located in the Karlsruhe area, requiring careful consideration of the existing building structure.

Designs will be developed in mixed teams, with each participant contributing their specific expertise to collaboratively create a detailed timber construction project from the very beginning. The goal of this course is to provide students from both disciplines with interdisciplinary training. In addition to enhancing understanding of structural mechanics, load-bearing structures, and timber construction, the course also aims to strengthen cross-disciplinary communication skills.

The project is supported by the House of Competence through workshops on interdisciplinary collaboration, teamwork, and communication skills. The course can be credited as the master's core module "Building and Structure – Structural Design and Planning."

First Meeting: 22.04.2025; 03:45 pm

Bldg. 10.50, HS 502

Regular meeting: Tuesday 02:00 pm – 3:30 pm OR 03:45 pm – 05:15 pm

Submission/Exam: to be announced

Number of Participants: 12

Focus of study: Building Technology



Interdisciplinary Structural Development in Timber Construction

6213803, SS 2025, 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



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

4.31 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,  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

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
Examination of another type





Credits
4 CP

Grading
graded

Term offered
Each summer term

Version
1

Courses					
ST 2025	1731214	Landscape Typologies: Magnificent Gardens	2 SWS	/ 	Schifferli, Zuber

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: Magnificent Gardens

1731214, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

Inspired by the search for truth and meaningfulness - a degli eroici furori of gardens - a collection of gardens of the world is created, which is not just a geographical inventory, but a mnemonic approach to agri cultura as a medium of thought. This convolute is more than a collection of gardens - it is a cartography of thought, a topological structure of memory that brings order to the diversity of different meanings. It records gardens not only as physical spaces, but also as symbolic places in which philosophical, ethnological, social and aesthetic concepts are condensed.

Gardens are chroniclers of their time. They reflect the respective world view, man's relationship to nature and its idea of beauty and order. Every garden is an idea translated into landscape, a combination of the factual and the imaginary. The collection, which is to be developed together and is constantly growing, makes these relationships visible - links botanical reality with cultural interpretation and opens up a new perspective on the different forms, cultural areas and eras of our planet.

Using measurable criteria, the students research gardens and document them as part of the garden collection.

1st meeting: 23.04.2025, 10:00 a.m., Bldg 11.40, R 126

Regular appointment: fortnightly Wed 9:00 a.m.

Last date of care: 23.07.2025

Exam: 13.08.2025

Form of work: Individual work




Number of participants: 14 (Master 12, Incomer 2)





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					
ST 2025	1710409	Lecture Series Architectural Theory: Terms of Engagement	2 SWS	Lecture / 	Fankhänel
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

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

Lecture Series Architectural Theory: Terms of Engagement

1710409, SS 2025, 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 / 22.4. introduction

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

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? Dedicated 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"**
**Lecture (V)
On-Site**

 1700004, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)
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





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					
ST 2025	1710409	Lecture Series Architectural Theory: Terms of Engagement	2 SWS	Lecture / 	Fankhänel
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

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

Lecture Series Architectural Theory: Terms of Engagement1710409, SS 2025, 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 / 22.4. introduction

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

V

EKUT Lecture Series: Ten Things We Want You to Know1700002, 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"****Lecture (V)
On-Site**1700004, WS 25/26, 2 SWS, Language: German, [Open in study portal](#)**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

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 - Module Master's Thesis](#)

Type
Final Thesis

Credits
30 CP

Grading
graded

Term offered
Each term

Version
3

Courses

WT 25/26	1700055	Master's Thesis		Project (P)	von Both, Bru, Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Kaiser, Müller, Neppl, Schifferli
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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 2025	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 2025, SWS, Language: German, [Open in study portal](#)**Online****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
Coursework

Credits
0 CP

Grading
pass/fail

Version
1

Courses					
ST 2025	1700055	Doctoral Colloquium	0 SWS	Colloquium (K / )	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 2025, 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.

Workshop on Research in social responsibility

Short presentations on current doctoral theses of the faculty


Wednesday 07.05.2024 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**
Examination of another type**Credits**
4 CP**Grading**
graded**Term offered**
Each term**Version**
1

Courses					
ST 2025	6072204	Photogrammetry of Architecture	4 SWS	Lecture / Practice (/ ☞)	Weidner
WT 25/26	6072204	Photogrammetry in Architecture	3 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 of Architecture6072204, SS 2025, 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

V

Photogrammetry in Architecture6072204, 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, Schwedfsky HS / SKY

Organizational issues

1. Hälfte der Vorlesungszeit

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
Examination of another type





Credits
4 CP

Grading
graded

Term offered
Each summer term

Version
1

Courses					
ST 2025	1720974	Planning and Building with Light	2 SWS	Seminar / 	Wagner, Alanis Oberbeck
WT 25/26	1720974	Lighting Technologies and Concepts for Spaces	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

Planning and Building with Light

1720974, SS 2025, 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. 28.04.2025 11:30 AM

Examination: 04.08.2025

Number of Participants: 16

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


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					
ST 2025	1720506	Planning and Constructing: Modular Constructions USM Areal in Münsingen CH	2 SWS	Seminar / 	Wappner, Kochhan, Hörmann
ST 2025	1720557	Planning and Constructing: Building Turnaround Lecture Series: Perspectives on Existing Buildings	2 SWS	Lecture / 	Klinge, Weber, Michalski
WT 25/26	1720506	Planning and Constructing: ZWISCHEN RAUM STRUKTUR	4 SWS	Seminar / 	Müller, Huismans, Sadi, Schmeuß

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: Modular Constructions USM Areal in Münsingen CH

1720506, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

Regular date: Thursday morning Room 20.40 R240

1st meeting: **30.04.2025 at 11 am**

Participants: 15 MA/BA6

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

Form of course: Presence

Language: German/English

V

Planning and Constructing: Building Turnaround Lecture Series: Perspectives on Existing Buildings

1720557, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Lecture (V)
Online

Content**Perspectives on the existing**

Second lecture series of the university network "Together for the building turnaround"

Following the great success of the first series of events in the summer semester 2024, the lecture series of the university network "Together for the building turnaround in teaching" is entering its second round. From May 7 to June 25, 2025, the series of events will take place online every Wednesday from 4:00 to 6:00 pm.

The construction industry is one of the most resource-intensive sectors and contributes significantly to the climate crisis. A sustainable transformation therefore requires a fundamental reassessment of existing planning and construction processes. Under the title "Perspectives on the existing", the lecture series is dedicated to the question of how ecological and socially just planning and construction can succeed and be more strongly integrated into academic education. With this series of events, the university network aims to provide further impetus for sustainable architectural education.

The hybrid event format enables broad participation from various universities and disciplines. The lectures will shed light on key aspects of the building transition in a dialogical format and deal with topics from theory and history, processes and digitalization, economics and the common good as well as energy, comfort and standards. The focus will also be on construction and circularity, social issues in the context of cities and neighborhoods as well as building culture and design.

The lecture series is aimed at students, lecturers and anyone interested in architecture, civil engineering, urban planning and related disciplines. Participation is free of charge. Further information on registration and the specific lecture topics will follow shortly.

The university network, founded in 2024, is actively committed to anchoring sustainable teaching content and promotes interdisciplinary exchange between colleges, academies and universities in the fields of architecture, urban planning and civil engineering.

We look forward to your participation and stimulating discussions on the building transition in teaching!

Dates:

07.05.25 Intro

14.05.25 Building Culture & Design

21.05.25 City, Neighborhood & Society

28.05.25 Construction & Circularity

04.06.25 Energy, comfort & standards

11.06.25 Economy & common good

18.06.25 Processes & digitalization

25.06.25 Theory & History


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

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					
ST 2025	1700050	Preparation Master's Thesis		Project (P / 🗎)	Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Klinge, Neppl
ST 2025	1720656	Vorbereitung Masterarbeit (Kaiser)		Project (P / 🗎)	Kaiser
WT 25/26	1700054	Preparation Master's Thesis		Project (P)	von Both, Bru, Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Kaiser, Müller, Neppl, Schifferli

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

1700050, SS 2025, 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.

Organizational issues

Bearbeitung nach Absprache und Terminplan

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

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
Written examination





Credits
4 CP

Grading
graded

Term offered
Each summer term

Version
1

Courses					
ST 2025	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 2025, 2 SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

In this course, the most important principles, rules and standards of professional detailed planning are explained in detail and discussed using practical examples:

Application of technical rules, moisture protection of components in contact with the ground by waterproofing or concrete, flat and pitched roofs, inverted roof insulation, special features of wooden roofs, barrier-free doorsteps, moisture protection of basements and roofs in existing buildings.

The event is offered in 5 day blocks.

1st meeting: 05.08.2024, 09:30 am Bldg. 20.40, HS will be announced

Dates: Fri 08.08., Mon 11.08., Wed 11.08., Fri 15.08., Mon 18.08. Times: 09:30 am - 05:00 pm

Place to be announced.

Examination/delivery: 21.08.2025

Number of participants: 50


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 2025	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 2025, 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, X 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					
ST 2025	1720606	Research Seminar: Seaweed, hemp, autumn leaves – Future-oriented insulation materials for the building industry. A research seminar of the KIT Material Library.	2 SWS	Seminar / 	Hebel, Böhm
ST 2025	1720977	Research Fields: Heating, cooling, power generation - an innovative solar façade system for existing buildings	2 SWS	Seminar / 	Wagner, Kaul, Weber
ST 2025	1731095	Research Seminar/Special Topics of Urban Design: Climate, energy, cultural heritage + X - Urban digital twins as a simulation tool for urban planning	4 SWS	Seminar / 	Neppl, Zeile
ST 2025	1731172	City Theory/Research Seminar: New Collaborations. Urban Practice of Change.	2 SWS	Seminar / 	Engel, Staab
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	1720981	Research Seminar: Reuse Relearn Recharge	2 SWS	Seminar / 	Wagner, Kaul
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

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

Research Seminar: Seaweed, hemp, autumn leaves – Future-oriented insulation materials for the building industry. A research seminar of the KIT Material Library.

Seminar (S)
On-Site1720606, SS 2025, 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 biological insulation materials, which serve both - thermal insulation and summer heat protection. Against the backdrop of climate change and the resulting high relevance of an optimized building envelope, the opportunities and limitations of these insulation materials are examined.

Students will conduct independent and critical research on selected insulation materials, aiming to present sustainable alternatives based on detailed data sheets and physical material samples. The seminar will be accompanied by supervision, workshops, lectures, and excursions.

First Meeting: April 22, 2025

Regular Meeting: Tuesdays, 11.30 - 13.00

Submission/Exam: July 22, 2025

Focus of study: Building Technology

Smaller excursions will take place in the Karlsruhe area.

V

Research Fields: Heating, cooling, power generation - an innovative solar façade system for existing buildings

Seminar (S)
On-Site1720977, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

Content

In a research project, a solar façade system is being developed for existing multi-family buildings which enables the buildings to be insulated and at the same time uses the building envelope directly for heating and cooling with the help of solar and heat pump technology. In the seminar, technical material issues will be investigated and, at the same time, a constructive-design task will be worked on together with the Professorship of Construction and Design. Specifically, this involves (1) the examination of insulation materials with regard to environmental compatibility, (2) a life cycle analysis for the façade modules and (3) a design solution for the refurbishment of a standard building with the solar façade system, including structural details.

Mo. 28.04.2025 15:45 PM - 17:15PM R. 240

Examination: 11.08.2025

Number of Participants: 10

V

Research Seminar/Special Topics of Urban Design: Climate, energy, cultural heritage + X - Urban digital twins as a simulation tool for urban planning

Seminar (S)
On-Site1731095, SS 2025, 4 SWS, Language: German, [Open in study portal](#)

Content

Urban digital twins (UDT) are virtual models of cities that use real-time data to simulate physical and functional aspects and optimise them in order to improve planning and decision-making processes in urban planning. We are investigating this question: How easy are simulations 'in the city', can we create something like this ourselves? In addition to Landsberg's UDT, we will create our own twins and get input from external experts from the fields of smart cities, climate, traffic, design, utilisation and other possible applications. Our cooperation partner is the 'Digital Twin, Climate Protection and Mobility' department of the city of Landsberg am Lech.

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

First Meeting: 22.04.2025, 9:45 am, Bldg. 11.40, R015

Submission/Exam: 12.08.2025

Number of Participants: 20

V

City Theory/Research Seminar: New Collaborations. Urban Practice of Change.

Seminar (S)
On-Site1731172, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

Content

The cross-university course (in collaboration with RWTH Aachen, BTU Cottbus, TU Dresden and others) focuses on the changes in urban planning practice. How can the transformation towards socially inclusive, climate-friendly and at the same time more resilient cities succeed? Which forms of co-design and co-production are promising? The research seminar will take a critical look at the specialist input lectures in the form of oral discussions and written papers. The input lectures take place on Mondays, 4–6 pm.

Part of the course is the participation on the 9th University Day of the National Urban Development Policy on June 5th and 6th in Berlin (financially supported).

Appointment: unregular

First Meeting: Tue 22.04.2025, 11.40 R013

Submission/Exam: Tue 15.08.2025

Number of Participants: 3

Form: Single/Teams of two

Focus of study: Urban Design


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


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


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

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

**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

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
Examination of another type

Credits
2 CP

Grading
graded

Term offered
Each term

Version
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 2025	1700034	Seminar Week: Analogue and Black/White	1 SWS	Block /	Seeland
ST 2025	1710109	Seminar Week: Archival Bastards	2 SWS	Seminar /	Frohn, Streicher
ST 2025	1710206	Seminar Week: La Conquête du Soleil (Bru)	1 SWS	Block /	Bru, Zaparta
ST 2025	1710304	Seminar Week: Athens	2 SWS	Block /	Hartmann, Kadid, Coricelli, Vansteenkiste, Zucchello
ST 2025	1710360	Seminarweek: "furniture under the open sky"	2 SWS	Block /	Craig, Okujeni
ST 2025	1710412	Seminar week: Architecture on Display	1 SWS	Excursion (E /	Fankhänel
ST 2025	1710455	Seminar week: Concrete Communication: Berlin	1 SWS	Block /	Rambow
ST 2025	1720509	Seminar Week: Munich Reloaded (Wappner)	1 SWS	Block /	Wappner, Kochhan, Sadi
ST 2025	1720556	Seminar Week: Ultra circular (Klinge)	1 SWS	Block /	Klinge, Michalski, Weber
ST 2025	1720608	Seminarweek: Copenhagen - hygge and circular	1 SWS	Excursion (E /	Hebel, Yi, Boerman
ST 2025	1720610	Seminarweek: re:making architecture - look back and move forwards	1 SWS	Excursion (E /	Müller, Busse, Gerteiser
ST 2025	1720651	Seminar Week: Building with straw - practical laboratory	1 SWS	Block /	Kaiser, Büchle, Erlewein
ST 2025	1720706	Seminarweek: BIM-Projects and Measurment	2 SWS	Block /	von Both, Sartorius, Schöner
ST 2025	1720761	Seminar Week: Digital Skins	1 SWS	Block /	La Magna, Dörstelmann, Fuentes Quijano, Andersson Largueche
ST 2025	1720810	Seminar week: RoboticWoodConstruction	1 SWS	Block /	Dörstelmann, La Magna, Fischer, Zanetti, Witt, Haußer
ST 2025	1720983	Seminar Week: Use your senses - subjective and objective evaluation of rooms		Block /	Wagner, Mann, Kaul
ST 2025	1731094	Seminarweek: Sun x Heritage Protection	1 SWS	Block /	Neppl, Zeile
ST 2025	1731199	Seminar Week: The Edible Unseen (Engel)	1 SWS	Block /	Engel, Lev, Staab
ST 2025	1731219	Seminar Week: The gardens of Suzhou	1 SWS	Block /	Schifferli, Romero Carnicero, Mühlbauer, Zuber

ST 2025	1731299	Seminarweek: Balearic Islands	1 SWS	Block / 	Inderbitzin, Trachsler, von Zepelin, Nalbach
ST 2025	1741386	History of Architecture: Seminar week: Women in Construction	2 SWS	Block / 	Stolz
ST 2025	1741389	Excursion: Seminar week: Natrual Stone	2 SWS	Block / 	Brehm, Silvestri
ST 2025	1800017	Seminar/Seminar Week: Curatorial Practice and the Legacy of Computer Art Pioneers in Contemporary Art	2 SWS	Seminar / 	Franco
ST 2025	1800025	Seminar Week: Graffiti in Karlsruhe	2 SWS	Block / 	Papenbrock
ST 2025	1800028	Seminar Week: Nature Exploration	2 SWS	Block / 	Lopez
ST 2025	1800033	Excursion: Kassel – From a City of Enlightenment to the City of the documenta		Excursion (E / 	Gellautz, Scheurmann

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

Prerequisites

none

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

V

Seminar Week: Analogue and Black/White

1700034, SS 2025, 1 SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

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

Appointment: 10.-13.06.2024

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

Costs: 15,00 Euro

Number of Participants: 6

V

Seminar Week: Archival Bastards

1710109, SS 2025, 2 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?

DATES:

Di, 10.06.2025 _ 10:00 - 18:00

Mi, 11.06.2025 _ 10:00 - 18:00

Do, 12.06.2025 _ 10:00 - 18:00

Fr, 13.06.2025 _ 10:00 - 12:00

**Seminar Week: La Conquête du Soleil (Bru)**1710206, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)**Block (B)**
On-Site**Content**

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

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

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

Event format: On-Site

Maximum participants: 16

Schedule: 10.06 - 13.06.2025 All day

First Meeting: Tue, 10.06.2025 at 10 a.m., bldg. 20.40, room 113 seminar room GBL

Form: Teamwork

Submission/Presentation: 13.06.2025

Lecturers: Prof. Stéphanie Bru/Eleni Zaparta

**Seminar Week: Athens**1710304, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)**Block (B)**
On-Site**Content**

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

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

Language: English/German**Event Format:** On-site**First Meeting and Presentation of the Program:** 04.06.2025, 11h**Schedule:** 10.06.2025-13.06.2025**Participation criteria:** Open to all KIT affiliates**Form:** Collective work**Deliverables:** Short films (interviews+building recordings)**Seminarweek: "furniture under the open sky"**1710360, SS 2025, 2 SWS, Language: German, [Open in study portal](#)**Block (B)**
On-Site**Content**

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

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

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

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

10.06.-13.06.2025 09:00-18:00

Organizational issues

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

**Seminar week: Architecture on Display**1710412, SS 2025, 1 SWS, Language: German, [Open in study portal](#)**Excursion (EXK)**
On-Site**Content**

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

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

Focus of study: Architectural and Cultural Heritag

Seminarwoche will take place on 4 entire days 10.-13.6.

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 20

**Seminar week: Concrete Communication: Berlin**1710455, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)**Block (B)**
On-Site**Content**

Architecture and the city emerge out of communication and conflict. Nowhere can you see and experience this better than in Berlin. We will spend four days walking through the city of Berlin to visit important sites of past and present architectural debates, from the International Building Exhibitions of 1957 and 1984/87 to the Museum Island and the Kulturforum to the city centre with the Humboldt Forum and the planned Bauakademie as well as, in contrast, "alternative" planning sites such as the Old Flower Market or the Spreefeld and Holzmarkt. We will move around by walking on foot as much as possible in order to be able to examine the effects of planning decisions and negotiation processes on the experience and use of the city as concretely as possible.

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

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

Block date: Tue 10.06.– Fri 13.06.2025, 9:00 am to 5:00 pm

1st meeting: Tue, 10.06.2025, 9:00 am, meeting point will be announced via ILIAS

Number of participants: 20

**Seminar Week: Munich Reloaded (Wappner)**1720509, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)**Block (B)**
On-Site**Content**

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

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

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

Preliminary discussion with distribution of tasks by arrangement

11.06.2025 - 13.06.2025, excursion, full day

Location: München

Costs: approx. 250 €

Number of participants: 10 places Bachelor, 10 places Master

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

Content

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

Period: 10.06.2025 - 13.06.2025 all day

Location: Karlsruhe

Number of participants: 20 Places Bachelor / Master

**Seminarweek: Copenhagen - hygge and circular**

1720608, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)

**Excursion (EXK)
On-Site**

Content

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

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

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

Travel Budget: 500 – 750 Euro

First Meeting: 15.05.2025, 14:00 Uhr, Geb. 11.40 Raum 26

Excursion: 09.06. – 14.06.2025

Organizational issues**Seminarweek: re:making architecture - look back and move forwards**

1720610, SS 2025, 1 SWS, Language: English, [Open in study portal](#)

**Excursion (EXK)
On-Site**

Content

In a small village of eight abandoned and partially dilapidated stone houses in the forests of Piemonte, northern Italy, we participate in their reconstruction and thus familiarize ourselves with traditional stone architecture. We will work hands-on with locally available materials and old building techniques using stone masonry and the application of thermal plasters made of lime and hemp. We gain theoretical knowledge of local architectural history and building culture e.g. by visiting a local restoration site.

1st meeting: Tue, 6.5.25, 15:30h

Excursion: Tue, 10.6. – Fri, 13.6.25

Costs: approx. 350€ incl. meals

Arrival: Self-organization

Accommodation: Campsites available on site. Self-booking for other accommodation.

Type of event: Hands-on workshop

Protective equipment: obligatory & self-organized (safety shoes, gloves, safety goggles)

**Seminar Week: Building with straw - practical laboratory**

1720651, SS 2025, 1 SWS, Language: German, [Open in study portal](#)

**Block (B)
On-Site**

Content

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

Cooperation partners: Zimmerei Grünspecht

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

Number of Participants: 25 Bachelor/Master

Focus of study: (Building Technology)

Event format: Excursion, Workshop

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

Organizational issues

Seminarwoche: 10-13 Juni 2025

**Seminarweek: BIM-Projects and Measurment**

1720706, SS 2025, 2 SWS, Language: German/English, [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 labor-intensive, requiring manual measurements and calculations that are prone to errors. Building Information Modeling (BIM) streamlines this practice by offering a digital, integrated approach to the planning, construction, and management of construction projects. With the use of BIM, quantities can be automatically and precisely derived from digital models, and they can be kept up-to-date even with floor plan changes.

Learn how to create quantity measurement Lists in ArchiCAD. No prior knowledge of ArchiCAD is required.

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

The seminar includes lectures and hands-on exercises.

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

Number of participants: 20

Organizational issues

10.-13.06.2025 ab 09:00 Uhr, Ganztätig

**Seminar Week: Digital Skins**

1720761, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)

Block (B)
On-Site

Content

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

First Meeting: TBA

Bldg. 20.40, R tba

Submission/Exam: Fri, 13.06.2025

Number of Participants: 20

**Seminar week: RoboticWoodConstruction**

1720810, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)

Block (B)
On-Site

Content

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

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

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

10.06. - 13.06.2025

Number of Participants: 20

Place: DDF_Lab, Hardeckstraße 2a

No prior knowledge is required.



Seminar Week: Use your senses - subjective and objective evaluation of rooms

1720983, SS 2025, SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

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

Seminar Week: 10.06.2025 until 13.06.2025 R.240

First Appointment: 10.06.2025 10:00 AM

Exam: 13.06.2025

Places: 9 bachelor, 7 master



Seminarweek: Sun x Heritage Protection

1731094, SS 2025, 1 SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

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

Seminar Week: 10.-13.06.2025

First meeting: 10.06.2025, Landsberg

Excursion: 10.-12.06.2025 to Landsberg am Lech

Exam performance: documentation

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

Number of Participants: 18



Seminar Week: The Edible Unseen (Engel)

1731199, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)

Block (B)
On-Site

Content

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

Blockdate: Tue 10.- Fri 13.06.2025, 11.40 R013

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

Submission/Exam: Fri 13.06.2025

Number of Participants: 20

**Seminar Week: The gardens of Suzhou**

1731219, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)

Block (B)
On-Site

Content

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

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

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

Participation entirely in English should be possible.

Block date: 07.06.2025 - 15.06.2025

Seminar basar: 14.4.2025

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

Costs: 1.150,00

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

**Seminarweek: Balearic Islands**

1731299, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)

Block (B)
On-Site

Content

During the seminar week we will sail around the Balearic Islands with Majorca, Minorca and Ibiza. During the cruises we will prepare our visits on land. We will focus our attention on the relationship between architecture and territory, that is shaped by the beauty of the topography, the sea and a mediterranean vegetation, which equally characterize the architecture and mentality of this cultural area. Off the beaten tourist track, you will find exceptional historic and contemporary buildings. In the evenings we will dock in ports or anchor on the coast to cook, eat and sleep together on board the ships.

Travel dates: 7.6.-14.6.2025

Introduction meeting: will be announced

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

Number of Participants: 15

**History of Architecture: Seminar week: Women in Construction**

1741386, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

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

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

Number of Participants: 20

Focus of study: Architectural and Cultural Heritage

Organizational issues

Seminarwoche: 10.06.2025-13.06.2025

V**Excursion: Seminar week: Natrual Stone**

1741389, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

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

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

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

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

Costs: 60 euros per person, plus meals

Please bring: sturdy shoes, robust clothing, fitness

Study focus: Architectural and cultural heritage

V**Seminar/Seminar Week: Curatorial Practice and the Legacy of Computer Art Pioneers in Contemporary Art**

1800017, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

This seminar explores the intersection of media art history, curatorial practice, and the enduring legacy of computer art pioneers. Drawing on a career as an art historian, curator, and producer, the course offers students a hands-on and critical exploration of computational art's evolution, its contemporary relevance, and the curatorial strategies that bring such works to life in exhibitions. Building on a vast experience commissioning and exhibiting works by artists such as Vera Molnar, Manfred Mohr, Roman Verostko, and Ernest Edmonds, this course combines theoretical and practical approaches, culminating in a group activity linked to the ZKM | Center for Art and Media archives. The seminar will be held in English.

Organizational issues

Blockveranstaltung: 16.5. + Seminarwoche 10.-13.6.2025 + 26.6.2025

V**Seminar Week: Graffiti in Karlsruhe**

1800025, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

This course, which takes place during the seminar week, is about the documentation of graffiti in Karlsruhe. Participants are to photograph graffiti in Karlsruhe's urban space, upload it via an app (lingscape) and record and analyze it in a structured way in a database (INGRID). The condition for participation is the possession of a smartphone.

Seminar week: 10.6. to 13.6.2025

Exam: 13.6.2025

Places: 20

Organizational issues

10. - 13. Juni 2025

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

How do we experience nature in the city? Plants tell us about local conditions and climatic changes – a “green narrative” that forms the starting point for art historical research and the creative process. The practical course combines theory and practice: from exploring the world of the plants to the visual realisation and production of an output. It shows the basis of artistic research, the fundamentals of creating a work of art and how to look at it from a theoritician’s standpoint when being immersed as part of the process. The course invites you not only to observe nature, but also to explore and create it artistically, using various methods from digital to analog. The differences between humanistic and artistic work will be highlighted: While academic work is analytical and data-based, artistic research is subjective and experimental.

Seminar week: 10.6. to 13.6.2025

Exam: 13.6.2025

Places: 20

Organizational issues

Seminarwoche: 10. - 13. Juni 2025

V**Excursion: Kassel – From a City of Enlightenment to the City of the documenta**1800033, SS 2025, SWS, Language: German, [Open in study portal](#)**Excursion (EXK)
On-Site****Content**

The five-day excursion focuses on the history and stories of the city of Kassel, its architectural and historical diversity, and its art-historical significance. Based on case studies – such as the Museum Fridericianum as a museum of the Enlightenment and later the 'Museum of 100 Days', the housing development documenta urbana or the Beuys project 7000 Oaks – we cover a wide range of topics: from the former royal seat, its complex landscape architecture, to industrialization, destruction and reconstruction. Accompanied by presentations, we will explore development processes and historical contexts on site. We will place the work of influential architects such as Simon Louis du Ry, Inken and Hinrich Baller, and Hillmer and Sattler in dialogue with artists such as Albrecht Dürer, Rembrandt van Rijn, Gerhard Richter, Marina Abramović, Rebecca Horn, and Maria Lassnig.




Organizational issues

9.-15.6.2025

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**
Oral examination**Credits**
2 CP**Grading**
graded**Term offered**
Each winter term**Version**
1

Courses					
WT 25/26	1720977	Special Topics of Building Technology: Noise Protection and Acoustics	2 SWS	Lecture / 	Wagner, Grunau

Legend:  Online,  Blended (On-Site/Online),  On-Site, X 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 Acoustics1720977, 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

Submission/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.





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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 2025	1710104	Spatial Theory: Blue Banana	2 SWS	Seminar / 	Frohn, Gernay, Mori
ST 2025	1710105	Spatial Theory: „>.xls“	2 SWS	Seminar / 	Frohn, Wasel

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

Spatial Theory: Blue Banana

1710104, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

Date will be announced online

wednesday 11:30-13:00

V

Spatial Theory: „>.xls“

1710105, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

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

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

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

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: Pavilion - Anticipations, Collective Catalog, Borderline Investigation #2	2 SWS	Seminar /	Bru, Amon, Kunkel, Schneider, Brückner
WT 25/26	1710209	Hypercomfort: About Typologies - Collective Catalog, Borderline Investigation #2	2 SWS	Seminar /	Bru, Kunkel

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

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

V

Hypercomfort: Pavilion - Anticipations, Collective Catalog, Borderline Investigation #2

Seminar (S)
On-Site

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

Content

Hypercomfort

Pavilion - Anticipations

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

Seminar (S)
On-Site

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

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





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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 2025	1710104	Spatial Theory: Blue Banana	2 SWS	Seminar / 	Frohn, Gernay, Mori
ST 2025	1710105	Spatial Theory: „>.xls“	2 SWS	Seminar / 	Frohn, Wasel

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

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

V

Spatial Theory: Blue Banana

1710104, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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Date will be announced online

wednesday 11:30-13:00

V

Spatial Theory: „>.xls“

1710105, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

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

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

- Appointment: Wed, 11h30-13h


- Submission: Thu, 17.07.25





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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					
ST 2025	1741314	Art History: Nature in Early Modern Art and Architecture	2 SWS	Seminar / 	Kohut
ST 2025	1741321	Art History: Giovanbattista Tiepolo – Color, Light, Air and the Responsibility of the Viewer in the Baroque Era	2 SWS	Seminar / 	Fiorentini Elsen
ST 2025	1741322	Art History: Early Bauhaus	2 SWS	Seminar / 	Kelly
ST 2025	1741324	Art History: White Gold: The Art of Porcelain Wares	2 SWS	Seminar / 	Kelly
ST 2025	1741325	Art History: Taming and Deceiving the Eye, or: What do Images Show Us?	2 SWS	Seminar / 	Fiorentini Elsen
WT 25/26	1741314	Art History: Asian carpets beyond Orientalism	2 SWS	Seminar / 	Kohut
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

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

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

V

Art History: Nature in Early Modern Art and Architecture

1741314, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Why do historical depictions of nature continue to impress viewers in our industrialized world? How does the theological structure of a sixteenth-century Spanish engraving differ from modern perspectives on ecology? In what ways is the concept of the 'other' expressed in eighteenth-century French garden architecture? Was the realistic turn in eighteenth-century American art influenced by the Enlightenment's association of the divine with nature? What is the connection between the depiction of St. Sebastian's body in Ludovico Carracci's painting and the waste processing in seventeenth-century Rome? This course introduces students to the latest developments in English-language ecocritical art history, exploring the complex relationship between art, architecture, and the natural Environment in 1500–1800 CE.

Submission/Exam: written elaboration, 30.09.2025

Number of Participants: 3

V

Art History: Giovanbattista Tiepolo – Color, Light, Air and the Responsibility of the Viewer in the Baroque Era

1741321, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Giovanbattista Tiepolo is one of the most exciting artistic figures of the Baroque era. With his colorful frescoes, he has been leading viewers on irritating detours for centuries. In front of his works, we are forced to become active as viewers ourselves. In the seminar, we will question Tiepolo's ways of making pictures and seeing in his time, but we will also practice a pointed literary criticism in today's art history that challenges our art and visual studies methods. The languages of the seminar are German and English. English speaking participants can present and discuss during the seminar and write the term paper in English.

Submission/Exam: written elaboration, 30.09.2025

Number of Participants: 3

Organizational issues

Die Teilnahme an der ersten Sitzung ist verpflichtend |

Attending the first session is mandatory!

**Art History: Early Bauhaus**

1741322, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

The early Bauhaus was expressionistic, nationalistic and spiritual. While today it is associated with cool material aesthetics and New Building, in Weimar, after its foundation in 1919, aesthetic empathy and sensation were considered a premise for all artistic activity. The inner state during the creative process and the respect for the nature of things overshadowed external functional demands.

The seminar focuses on influential personalities from the teaching staff, e.g. Johannes Itten, Paul Klee and Wassily Kandinsky. The Bauhütte idea, progressive educational innovations, such as creative body practices, as well as esoteric tendencies will be examined along with their (political) countermovement.

Submission/Exam: written elaboration, 30.09.2025

Number of Participants: 3

**Art History: White Gold: The Art of Porcelain Wares**

1741324, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

Naturalistic and with a flawless white glaze: the appearance of the figurines from the Allach porcelain manufactory may disguise their questionable manufacturing circumstances, as they originate from the production facility in Dachau concentration camp. The porcelain for Nazi dignitaries from the hands of concentration camp prisoners stands for the art and contemporary history from which it derived.

Starting with the invention of European porcelain in 1709, we will be introduced to various forms and manufactories from the heyday of these luxury goods. Side glances at English and French brands will add to the context of production and reception. New forms regarding new product design will take us to the 20th and 21st centuries. Field trips will complement the seminar.

Submission/Exam: written elaboration, 30.09.2025

Number of Participants: 3

**Art History: Taming and Deceiving the Eye, or: What do Images Show Us?**

1741325, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

As part of the course series of the past semesters, dealing with the history of seeing and the connection between the eye and the image, in this particular seminar we ask what images show us. Is our gaze guided, controlled, tamed by images? Are our eyes deceived by images and if so, to what extent and why is this the intention of the creators of the images? All this has a history, which we will explore in the seminar. And it has a theory: using examples of images from history, we will clarify terms such as mimesis, mimicry, camouflage and discuss positions on phenomena such as illusion and trompe-l'œil (Gombrich, Baudrillard, Bryson, Marin) or anamorphosis (Baltrusaitis, Collins, Massey). The languages of the Seminar are German and English. English speaking participants can present and discuss during the Seminar and write the term papers in English.

Submission/Exam: written elaboration, 30.09.2025

Number of Participants: 3

Organizational issues

Erste Sitzung ist Pflicht!

Attending the first session is mandatory!

**Art History: Asian carpets beyond Orientalism**

1741314, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Why have Persian carpets and architecture shared similar geometrical motives across history? How did the Italian Renaissance painter Lorenzo Lotto use carpets to address compositional challenges related to space, color, and figure placement? How did British Orientalist discourse affect the marketing of Indian carpets and their reception both in Europe and India? How can Asian carpets be understood as cultural texts, Barthesian tissue of quotations, revealing a two-way interaction between East and West? This course introduces students to English-language scholarship on Asian carpets and their representations in early modern European art, focusing on carpet designs, symbolism, and carpets' complex place (within and) beyond Orientalist discourse.

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

Submission/Exam: written elaboration, 31.03.2026

Number of Participants: 3

**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

**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!

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
Examination of another type





Credits
4 CP

Grading
graded

Term offered
Each term

Version
1

Courses					
ST 2025	1741314	Art History: Nature in Early Modern Art and Architecture	2 SWS	Seminar / 	Kohut
ST 2025	1741321	Art History: Giovanbattista Tiepolo – Color, Light, Air and the Responsibility of the Viewer in the Baroque Era	2 SWS	Seminar / 	Fiorentini Elsen
ST 2025	1741322	Art History: Early Bauhaus	2 SWS	Seminar / 	Kelly
ST 2025	1741324	Art History: White Gold: The Art of Porcelain Wares	2 SWS	Seminar / 	Kelly
ST 2025	1741325	Art History: Taming and Deceiving the Eye, or: What do Images Show Us?	2 SWS	Seminar / 	Fiorentini Elsen
WT 25/26	1741314	Art History: Asian carpets beyond Orientalism	2 SWS	Seminar / 	Kohut
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

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

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

V

Art History: Nature in Early Modern Art and Architecture

1741314, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Why do historical depictions of nature continue to impress viewers in our industrialized world? How does the theological structure of a sixteenth-century Spanish engraving differ from modern perspectives on ecology? In what ways is the concept of the 'other' expressed in eighteenth-century French garden architecture? Was the realistic turn in eighteenth-century American art influenced by the Enlightenment's association of the divine with nature? What is the connection between the depiction of St. Sebastian's body in Ludovico Carracci's painting and the waste processing in seventeenth-century Rome? This course introduces students to the latest developments in English-language ecocritical art history, exploring the complex relationship between art, architecture, and the natural Environment in 1500–1800 CE.

Submission/Exam: written elaboration, 30.09.2025

Number of Participants: 3

V

Art History: Giovanbattista Tiepolo – Color, Light, Air and the Responsibility of the Viewer in the Baroque Era

1741321, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Giovanbattista Tiepolo is one of the most exciting artistic figures of the Baroque era. With his colorful frescoes, he has been leading viewers on irritating detours for centuries. In front of his works, we are forced to become active as viewers ourselves. In the seminar, we will question Tiepolo's ways of making pictures and seeing in his time, but we will also practice a pointed literary criticism in today's art history that challenges our art and visual studies methods. The languages of the seminar are German and English. English speaking participants can present and discuss during the seminar and write the term paper in English.

Submission/Exam: written elaboration, 30.09.2025

Number of Participants: 3

Organizational issues

Die Teilnahme an der ersten Sitzung ist verpflichtend |

Attending the first session is mandatory!

**Art History: Early Bauhaus**

1741322, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

The early Bauhaus was expressionistic, nationalistic and spiritual. While today it is associated with cool material aesthetics and New Building, in Weimar, after its foundation in 1919, aesthetic empathy and sensation were considered a premise for all artistic activity. The inner state during the creative process and the respect for the nature of things overshadowed external functional demands.

The seminar focuses on influential personalities from the teaching staff, e.g. Johannes Itten, Paul Klee and Wassily Kandinsky. The Bauhütte idea, progressive educational innovations, such as creative body practices, as well as esoteric tendencies will be examined along with their (political) countermovement.

Submission/Exam: written elaboration, 30.09.2025

Number of Participants: 3

**Art History: White Gold: The Art of Porcelain Wares**

1741324, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

Naturalistic and with a flawless white glaze: the appearance of the figurines from the Allach porcelain manufactory may disguise their questionable manufacturing circumstances, as they originate from the production facility in Dachau concentration camp. The porcelain for Nazi dignitaries from the hands of concentration camp prisoners stands for the art and contemporary history from which it derived.

Starting with the invention of European porcelain in 1709, we will be introduced to various forms and manufactories from the heyday of these luxury goods. Side glances at English and French brands will add to the context of production and reception. New forms regarding new product design will take us to the 20th and 21st centuries. Field trips will complement the seminar.

Submission/Exam: written elaboration, 30.09.2025

Number of Participants: 3

**Art History: Taming and Deceiving the Eye, or: What do Images Show Us?**

1741325, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

As part of the course series of the past semesters, dealing with the history of seeing and the connection between the eye and the image, in this particular seminar we ask what images show us. Is our gaze guided, controlled, tamed by images? Are our eyes deceived by images and if so, to what extent and why is this the intention of the creators of the images? All this has a history, which we will explore in the seminar. And it has a theory: using examples of images from history, we will clarify terms such as mimesis, mimicry, camouflage and discuss positions on phenomena such as illusion and trompe-l'œil (Gombrich, Baudrillard, Bryson, Marin) or anamorphosis (Baltrusaitis, Collins, Massey). The languages of the Seminar are German and English. English speaking participants can present and discuss during the Seminar and write the term papers in English.

Submission/Exam: written elaboration, 30.09.2025

Number of Participants: 3

Organizational issues

Erste Sitzung ist Pflicht!

Attending the first session is mandatory!

**Art History: Asian carpets beyond Orientalism**

1741314, WS 25/26, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Why have Persian carpets and architecture shared similar geometrical motives across history? How did the Italian Renaissance painter Lorenzo Lotto use carpets to address compositional challenges related to space, color, and figure placement? How did British Orientalist discourse affect the marketing of Indian carpets and their reception both in Europe and India? How can Asian carpets be understood as cultural texts, Barthesian tissue of quotations, revealing a two-way interaction between East and West? This course introduces students to English-language scholarship on Asian carpets and their representations in early modern European art, focusing on carpet designs, symbolism, and carpets' complex place (within and) beyond Orientalist discourse.

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

Submission/Exam: written elaboration, 31.03.2026

Number of Participants: 3

**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

**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!




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					
ST 2025	1720709	Special Topics of BLM: BIM - Introduction to the Principles	2 SWS	Seminar / 	von Both, Schöner, Sartorius
WT 25/26	1720708	Sondergebiete BLM: BIM - Introduction to the Principles	2 SWS	Seminar / 	von Both, Sartorius, Schöner

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

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

V

Special Topics of BLM: BIM - Introduction to the Principles

1720709, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

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

Content

Five good reasons why architects should not only develop their planning in 3D, but also in a BIM-compliant way, are:

- time savings in drawing,
- error prevention,
- transparency in planning,
- cross-programme and multidiscipline reading of the building plan,
- and simplifying communication with project participants.

This course offers a practical introduction with additional theoretical content on BIM methodology. It starts with a prepared 3D model (as of "Leistungsphase 2"). In the course of the semester, a BIM-compliant model development up to "Leistungsphase 6" is followed.

Weekly assignments ensure a continuous deepening of the content and enable a structured, practice-oriented learning approach.

Requirements for participation are: An internet connection for the entire duration of the seminar. An MS Teams Uni account. The current version of ARCHICAD.

Schedule: Weekly 1.5h online lecture.

First appointment: Mo 28.04.2025, 11:30-13:00 Uhr, Grüne Grotte

Examination Date: 11.08.2025 online, Prüfungen other type

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




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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					
ST 2025	1720709	Special Topics of BLM: BIM - Introduction to the Principles	2 SWS	Seminar / 	von Both, Schöner, Sartorius
WT 25/26	1720708	Sondergebiete BLM: BIM - Introduction to the Principles	2 SWS	Seminar / 	von Both, Sartorius, Schöner

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

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

V

Special Topics of BLM: BIM - Introduction to the Principles

1720709, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

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

Content

Five good reasons why architects should not only develop their planning in 3D, but also in a BIM-compliant way, are:

- time savings in drawing,
- error prevention,
- transparency in planning,
- cross-programme and multidiscipline reading of the building plan,
- and simplifying communication with project participants.

This course offers a practical introduction with additional theoretical content on BIM methodology. It starts with a prepared 3D model (as of "Leistungsphase 2"). In the course of the semester, a BIM-compliant model development up to "Leistungsphase 6" is followed.

Weekly assignments ensure a continuous deepening of the content and enable a structured, practice-oriented learning approach.

Requirements for participation are: An internet connection for the entire duration of the seminar. An MS Teams Uni account. The current version of ARCHICAD.

Schedule: Weekly 1.5h online lecture.

First appointment: Mo 28.04.2025, 11:30-13:00 Uhr, Grüne Grotte

Examination Date: 11.08.2025 online, Prüfungen other type

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

T







4.64 Module component: Special Topics of Building Technology [T-ARCH-107395]





Coordinators: TT-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					
ST 2025	1720654	Special Topics of Building Technology: Building with Straw - Basics	2 SWS	Seminar / 	Kaiser, Büchle, Juraschitz
ST 2025	1720850	Professional Detailed Planning	2 SWS	Block / 	Zöller
ST 2025	1720977	Research Fields: Heating, cooling, power generation - an innovative solar façade system for existing buildings	2 SWS	Seminar / 	Wagner, Kaul, Weber
ST 2025	1720990	Special Topics of Building Technology: How to Make the Change of the Way we Heat a Success?	2 SWS	Seminar / 	Schossig
WT 25/26	1720981	Research Seminar: Reuse Relearn Recharge	2 SWS	Seminar / 	Wagner, Kaul
WT 25/26	1720990	Technologies for Climate-friendly Buildings and Neighborhoods	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

Special Topics of Building Technology: Building with Straw - Basics

1720654, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

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

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

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

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

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

Submission/Exam: to be announced

Number of Participants: 20

Focus of study: (Building Technology)

**Professional Detailed Planning**

1720850, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

In this course, the most important principles, rules and standards of professional detailed planning are explained in detail and discussed using practical examples:

Application of technical rules, moisture protection of components in contact with the ground by waterproofing or concrete, flat and pitched roofs, inverted roof insulation, special features of wooden roofs, barrier-free doorsteps, moisture protection of basements and roofs in existing buildings.

The event is offered in 5 day blocks.

1st meeting: 05.08.2024, 09:30 am Bldg. 20.40, HS will be announced

Dates: Fri 08.08., Mon 11.08., Wed 11.08., Fri 15.05., Mon 18.08. Times: 09:30 am - 05:00 pm

Place to be announced.

Examination/delivery: 21.08.2025

Number of participants: 50

Focus of Study: Building Technology

**Research Fields: Heating, cooling, power generation - an innovative solar façade system for existing buildings**

1720977, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

In a research project, a solar façade system is being developed for existing multi-family buildings which enables the buildings to be insulated and at the same time uses the building envelope directly for heating and cooling with the help of solar and heat pump technology. In the seminar, technical material issues will be investigated and, at the same time, a constructive-design task will be worked on together with the Professorship of Construction and Design. Specifically, this involves (1) the examination of insulation materials with regard to environmental compatibility, (2) a life cycle analysis for the façade modules and (3) a design solution for the refurbishment of a standard building with the solar façade system, including structural details.

Mo. 28.04.2025 15:45 PM - 17:15PM R. 240

Examination: 11.08.2025

Number of Participants: 10

**Special Topics of Building Technology: How to Make the Change of the Way we Heat a Success?**

1720990, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

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 25.04.2025, 11.30 a.m.

Number of participants: 12

**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

**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

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
Examination of another type



Credits
4 CP

Grading
graded

Term offered
Each term

Version
1

Courses					
ST 2025	1710452	Communication of Architecture: Intelligens. Natural. Artificial. Collective. The 19th International Architecture Exhibition in Venice (incl. Excursion)	2 SWS	Seminar / 	Rambow

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

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

V

Communication of Architecture: Intelligens. Natural. Artificial. Collective. The 19th International Architecture Exhibition in Venice (incl. Excursion)

**Seminar (S)
On-Site**

1710452, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Content

The Architecture Biennale in Venice is arguably the world's most important event for architectural communication. It brings together almost one hundred individual exhibitions and thus provides not only a worldwide overview of current themes and positions in the field of architecture and urbanism, but also of the current state of curatorial practice. This takes place against the unique background of the city of Venice, which can itself be regarded as a permanent architectural exhibition. The seminar serves as a sound introduction to the structure and history of the city of Venice as well as to the concept and development of the Biennale. It concludes with an excursion during which we will intensively explore and discuss the city as well as the exhibition.

The excursion to Venice 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: Venice, planned from 22.09.–26.09.2025

Submission/Exam: 26.09.2025

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	Grading graded	Each winter term	1

Courses					
WT 25/26	1731191	Special Topics of construction planning law	2 SWS	Lecture / 	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](#)

Lecture (V)
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:

- a) Bürgerliches Gesetzbuch: mit Allgemeinem Gleichbehandlungsgesetz, Produkthaftungsgesetz, Wohnungseigentumsgesetz, Beurkundungsgesetz und Erbbaurechtsgesetz (Beck-Texte im dtv)
- b) 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
Examination of another type





Credits
4 CP

Grading
graded

Term offered
Each term

Version
1

Courses					
ST 2025	1710307	Design Theory: Access Denied	4 SWS	Seminar / 	Hartmann, Kadid, Coricelli, Vansteenkiste, Zucchello
WT 25/26	1710308	Design Theory: Co-Teaching	2 SWS	Seminar / 	Hartmann, Zucchello
WT 25/26	1710309	Design Theory: STARTING FROM SESC POMPEIA	2 SWS	Seminar / 	Santana

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: Access Denied

1710307, SS 2025, 4 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

We will be dealing with buildings that are well-known architectural objects that are not accessible. Why are they not accessible? To whom are they, nevertheless, and under what conditions? We will search for the various reasons for the lack of accessibility and for all imaginable ways to access them anyway. Examples to study are Casa Malaparte by Curzio Malaparte, Maison à Bordeaux by OMA, and National Bank in Copenhagen by Arne Jacobsen.

Event Format: Blended (On-Site/Online)

Appointment: Each second week - Wednesdays

First meeting: 30.04.2025 at 10.00h, Geb. 20.40-R221

Number of Participants: Maximum 16

Final Presentation: TBD

Output: Individual work

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

**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





T

4.68 Module component: Special Topics of Digital Design and Fabrication [T-ARCH-111791]

Coordinators: TT-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					
ST 2025	1720807	Digital Design and Fabrication: Robotic Earth Reinforcement: Exploring digitally enabled hybrid construction with natural fiber reinforced earth (Dörstelmann)	4 SWS	Seminar / 	Dörstelmann, Fuentes Quijano
ST 2025	1720825	RENABUMA: REinterpretation of NATural BUILDing MATERIALs using frugal digital construction technology innovation 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: Robotic Earth Reinforcement: Exploring digitally enabled hybrid construction with natural fiber reinforced earth (Dörstelmann)

Seminar (S)
On-Site

1720807, SS 2025, 4 SWS, Language: English, [Open in study portal](#)

Content

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

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

First Meeting: By prior arrangement.

Place: DDF_Lab, Hardeckstraße 2a & Online.

Form: Individual work and teamwork.

Rhinoceros & Grasshopper basic skills are recommended but not required.

V

RENABUMA: REinterpretation of NATural BUILDing MATERIALs using frugal digital construction technology innovation in Ghana

Seminar (S)
On-Site

1720825, SS 2025, 4 SWS, Language: English, [Open in study portal](#)

Content

Reinterpreting the potential of digital construction technologies in the local socio-economic context of Ghana, this seminar is based on the results of the master studio '**Ghana Co-Lab**'.

Centered around realising a demonstrator in Kumasi, in cooperation with students from the Kwame Nkrumah University of Science and Technology (KNUST), the project merges local materials with digital tools - reducing scaling hurdles, costs, and skill barriers while creating new economic opportunities.

As a student-led design and build project, the group work spans from the exploration of novel architectural expression to building a one storey high demonstrator that can be projected onto multistorey low-impact, low-cost, high-quality housing for urban contexts.

Time frame: 01.09.25-24.09.2025







Location: Accra/ Kumasi, Ghana





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					
ST 2025	1710365	Fine Arts: #Third spaces: Transformative forms of coming together	4 SWS	Seminar / 	Craig, Schelble
ST 2025	1710367	Fine Arts: Fresh air drawing Foot walk diaries	4 SWS	Seminar / 	Craig
ST 2025	1710370	Fine Arts: genius loci – spirit of the place	4 SWS	Seminar / 	Craig, Mühlen
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

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

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

V

Fine Arts: #Third spaces: Transformative forms of coming together

1710365, SS 2025, 4 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

Regular date Fridays: 09:45-13:00

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

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

Maximum 8 students

V

Fine Arts: Fresh air drawing Foot walk diaries

1710367, SS 2025, 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 DINA4 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, DINA4, 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: 29.04.2025

Submission/ Exam:

Number of participants: 12 + 3 Erasmus

**Fine Arts: genius loci – spirit of the place**

1710370, SS 2025, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In the seminar, we explore various artistic strategies and methods from the fields of field research, walksapes, and psychogeography, etc. Concrete exercises and a spirit of experimentation help us unlearn patterns of perception and discover alternative approaches to our familiar environment. We practice this at different locations in the city's public space. The aim of the seminar is an artistic engagement with a specific place and its conditions. This process takes place through the use of one or more media (e.g., mapping, text, photography, sound work, etc.) and culminates in a final presentation.

This expanded form of engagement provides us, as designers, with a foundation to grasp the genius loci – the spirit of a place – and integrate it into future planning processes."

regulating term: Monday 14:00-17:15 Uhr, ab 28.04.2025, Building 20.40 Room 204 / Zeichensaal

Seminar location: changing meeting points in the public space of Karlsruhe (individual appointments in the seminar room)

Test: 11.08.2025

12 Master +2 Erasmus

**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

**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

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
Examination of another type





Credits
4 CP

Grading
graded

Term offered
Each term

Version
1

Courses					
ST 2025	1710365	Fine Arts: #Third spaces: Transformative forms of coming together	4 SWS	Seminar / 	Craig, Schelble
ST 2025	1710367	Fine Arts: Fresh air drawing Foot walk diaries	4 SWS	Seminar / 	Craig
ST 2025	1710370	Fine Arts: genius loci – spirit of the place	4 SWS	Seminar / 	Craig, Mühlen
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

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

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

V

Fine Arts: #Third spaces: Transformative forms of coming together

1710365, SS 2025, 4 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

Regular date Fridays: 09:45-13:00

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

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

Maximum 8 students

V

Fine Arts: Fresh air drawing Foot walk diaries

1710367, SS 2025, 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 DINA4 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, DINA4, 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: 29.04.2025

Submission/ Exam:

Number of participants: 12 + 3 Erasmus

**Fine Arts: genius loci – spirit of the place**

1710370, SS 2025, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In the seminar, we explore various artistic strategies and methods from the fields of field research, walksapes, and psychogeography, etc. Concrete exercises and a spirit of experimentation help us unlearn patterns of perception and discover alternative approaches to our familiar environment. We practice this at different locations in the city's public space. The aim of the seminar is an artistic engagement with a specific place and its conditions. This process takes place through the use of one or more media (e.g., mapping, text, photography, sound work, etc.) and culminates in a final presentation.

This expanded form of engagement provides us, as designers, with a foundation to grasp the genius loci – the spirit of a place – and integrate it into future planning processes."

regulating term: Monday 14:00-17:15 Uhr, ab 28.04.2025, Building 20.40 Room 204 / Zeichensaal

Seminar location: changing meeting points in the public space of Karlsruhe (individual appointments in the seminar room)

Test: 11.08.2025

12 Master +2 Erasmus

**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

**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

V

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





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

Courses					
ST 2025	1741384	Architecture in Film: History of Architecture/Urban Planning: Other Locations (Teil 2)	2 SWS	Seminar / 	Medina Warmburg
ST 2025	1741385	History of Garden Art: History of Architecture/Urban Planning: Hamburg's Urban Greenery - a Historical Overview of the last 200 Years	2 SWS	Excursion (E / 	Medina Warmburg, Gawlik
ST 2025	1741387	History of Cultural Landscapes: History of Architecture/Urban Planning: Resources, Regulation, and Regional Planning: Perspectives on an Environmental History of Architecture in the Early Modern Era	2 SWS	Seminar / 	Medina Warmburg, Silvestri
ST 2025	1741388	Applied Monument Preservation: History of Architecture/Urban Planning: : Monument Preservation _ Challenge and Perspective	2 SWS	Seminar / 	Medina Warmburg, Hücklekemkes
ST 2025	1741390	Historical Building Research _ Free Student Research Project	2 SWS	Project (P / 	Medina Warmburg, Busse
ST 2025	1741391	Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Schlossgarten Karlsruhe	2 SWS	Seminar / 	Medina Warmburg, Garrido
ST 2025	1741392	History and Theory of Monument care: History of Architecture/ Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 	Hanschke
ST 2025	1741394	Applied Historical Building Research_Exercise_Summer School Bronnbach Monastery	2 SWS	Block / 	Medina Warmburg, Busse
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

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

Architecture in Film: History of Architecture/Urban Planning: Other Locations (Teil 2) Seminar (S)
1741384, SS 2025, 2 SWS, Language: German, [Open in study portal](#) **On-Site**

Content

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

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

Film evenings: 5 double sessions in May and June

Focus of study: Architectural and Cultural Heritage

V

History of Garden Art: History of Architecture/Urban Planning: Hamburg's Urban Greenery - a Historical Overview of the last 200 Years Excursion (EXK)
1741385, SS 2025, 2 SWS, Language: German, [Open in study portal](#) **On-Site**

Content

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

First Meeting: 25.04.25, 5pm (online)

Excursion: 11.-14.09.25

Submission/Exam: 30.09.2025

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

Focus of study: Architectural and Cultural Heritage

V

History of Cultural Landscapes: History of Architecture/Urban Planning: Resources, Regulation, and Regional Planning: Perspectives on an Environmental History of Architecture in the Early Modern Era

**Seminar (S)
On-Site**

1741387, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Content

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

Submission/Exam: 30.09.2025

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

Focus of study: Architectural and Cultural Heritage

V

Applied Monument Preservation: History of Architecture/Urban Planning: : Monument Preservation _ Challenge and Perspective

**Seminar (S)
On-Site**

1741388, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Content

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

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

Mandatory excursion, costs approx 50 €

Submission/Exam: Oral exam

Number of 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-Site**

1741390, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Content

Die Kompetenz der Transformation im Spannungsfeld von erhalten und erneuern bewusst zu gestalten, verlangt methodisches Vorgehen innerhalb der unterschiedlichen Strategien, den Baubestand zu formen. Diese setzt eine grundlegende Erfassung, Analyse und Bewertung der vorhandenen Bausubstanz voraus. An einem frei gewählten Objekt wird anhand von Archivalien, Bestandsplänen, Aufmass und Veränderungsgeschichte analysiert und mit am Bestand orientierten Nutzungskonfigurationen weiterentwickelt.

1st meeting: Mon 05.05.2025, 2 pm

Appointments by arrangement

Examination/submission: Analysis, drawings and presentation of a topic, Multi-part term paper

Submission: 30.09.2025

Number of participants: 8 bachelor, 8 Master

Focus of study: Architectural and Cultural Heritage

V

Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Schlossgarten Karlsruhe

1741391, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The Schlossgarten in Karlsruhe has been a critical piece of the city's infrastructure since its foundation, serving not only as an illustration of the state's power but also as an integral element of the built environment.

The seminar proposes to explore various components of the park and its history by employing architectural research and representation tools, as well as archival material and documentation. Through these methods, the aim is to uncover, analyze and communicate the intricate layers of overlapping infrastructure in the Schlossgarten, crafting an "urban biography" portraying the city's evolution.

Submission/Exam: presentation and paper due 30.09.2025

Number of participants: 6 BA, 6 MA, 6 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 2025, 2 SWS, Language: German, [Open in study portal](#)

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

Content

The preservation and maintenance of historical monuments or monument ensembles is a task that is performed by specialized architectural firms, restorers and monument protection authorities. The seminar gives an insight into selected topics and questions. The focus is on the history and theory of monument preservation, the history of central European town houses, inventory, practical examples of monument preservation and old building

The seminar is offered as an compact course, dates by arrangement.

1. Meeting: Wed 23.04.2024 5:30 pm, online

Submission/Exam: presentation and paper due 30.09.2025

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

Applied Historical Building Research_Exercise_Summer School Bronnbach Monastery

1741394, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

**Block (B)
On-Site**

Content

The ability to consciously shape the transformation in the field of tension between preservation and renewal requires a methodical approach within the various strategies for shaping the existing building stock. This requires a fundamental recording, analysis and evaluation of the existing building fabric. In the summer school, the hall garden of the monastery in Bronnbach will be analyzed as part of a one-week summer school in archives, as-built plans, measurements and the history of changes and further developed with configurations of use appropriate to the listed building.

Registration not via Campus Plus. Please come to the 1st meeting.

1st meeting: Mon 28.04.2025, 2 pm, Bldg. 20.40 room: 015

Mandatory excursion 21.-25.07.2025

Open for Bachelor, Master and Art History

Focus of study: Architectural and Cultural Heritage

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





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					
ST 2025	1720506	Planning and Constructing: Modular Constructions USM Areal in Münsingen CH	2 SWS	Seminar / 	Wappner, Kochhan, Hörmann
WT 25/26	1720506	Planning and Constructing: ZWISCHEN RAUM STRUKTUR	4 SWS	Seminar / 	Müller, Huismans, Sadi, Schmeuß

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: Modular Constructions USM Areal in Münsingen CH

1720506, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

Regular date: Thursday morning Room 20.40 R240

1st meeting: **30.04.2025 at 11 am**

Participants: 15 MA/BA6

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

Form of course: Presence

Language: German/English

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

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
Examination of another type




Credits
4 CP

Grading
graded

Term offered
Each summer term

Version
1

Courses					
ST 2025	1720753	Special Topics of Structural Design: Form and Structure	2 SWS	Seminar / 	La Magna, Andersson Largueche
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: Form and Structure

1720753, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

In the seminar "Form and Structure" special topics within structural design, such as form finding, optimization and complex geometries will be treated. The students will be introduced to the various topics through lectures, however the focus will lie on the digital tools used to handle these topics. Throughout the seminar, students will work individually or in groups of two, where they will be asked to develop a structure that demands both geometric and structural analysis, as well as considerations for its performative aspects. Previous knowledge in Rhino3D and Grasshopper is asked of the students.

First Meeting: 22.04.2025; 02:00 pm

Bldg. 20.40, R. 221

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

Hand-In: to be announced

Number of participants: 15

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					
ST 2025	1720606	Research Seminar: Seaweed, hemp, autumn leaves – Future-oriented insulation materials for the building industry. A research seminar of the KIT Material Library.	2 SWS	Seminar /	Hebel, Böhm
ST 2025	1720607	Sustainability: EARTHopia - A week of loam construction in Addis Abeba	2 SWS	Excursion (E /	Hebel, Mamo, Behringer
ST 2025	1720611	Sustainability: Next Urban Explosion: Hopes of Coexistence - Africa	2 SWS	Seminar /	Hebel, Mamo
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

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

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

V

Research Seminar: Seaweed, hemp, autumn leaves – Future-oriented insulation materials for the building industry. A research seminar of the KIT Material Library.

**Seminar (S)
On-Site**

1720606, SS 2025, 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 biological insulation materials, which serve both - thermal insulation and summer heat protection. Against the backdrop of climate change and the resulting high relevance of an optimized building envelope, the opportunities and limitations of these insulation materials are examined.

Students will conduct independent and critical research on selected insulation materials, aiming to present sustainable alternatives based on detailed data sheets and physical material samples. The seminar will be accompanied by supervision, workshops, lectures, and excursions.

First Meeting: April 22, 2025

Regular Meeting: Tuesdays, 11.30 - 13.00

Submission/Exam: July 22, 2025

Focus of study: Building Technology

Smaller excursions will take place in the Karlsruhe area.

V

Sustainability: EARTHopia - A week of loam construction in Addis Abeba

**Excursion (EXK)
On-Site**

1720607, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

Content

We travel to Addis Ababa, the capital of Ethiopia. While modern architecture dominates the cities, the rural areas are traditionally characterized by "tukuls" - round, simple loam houses. A contemporary reinterpretation of this construction method is being developed as part of the Building Week: The "Tukul 2.0" combines the traditional architecture of Ethiopia with rammed earth technologies known in Europe. In collaboration with students from the School of Built Environment (formerly EiABC) at Addis Ababa University, prototypes will be created that enable a more robust, durable and yet simple construction method. The focus is on the intercultural exchange of knowledge between Ethiopian and German students.

First orientation meeting: 7 May 2025, 3:00 PM, Bldg. 11.40 Room 26

Excursion one week in the period 28.09.25 to 12.10.2025

**Sustainability: Next Urban Explosion: Hopes of Coexistence - Africa**

1720611, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Cities are spaces of complex co-existence. Be it among ourselves or with the multiplicities of elements of nature, the question of co-existence is increasingly challenged by our collective actions. In our experiment to find a hopeful and sustainable way of coexistence, the continent of Africa offers a vast space of enquiry. In just 25 years, close to a billion additional people are expected to claim the hope that urban living offers in Africa. Such a mass of need creates a vast opportunity to reimagine new forms of urbanism.

Recognizing the vastness and multidimensionality of Africa, the seminar will be a space of optimistic speculations on urban futures - a thought experiment based on discussions and projective exercises. By interrogating the practices of Architecture and Urban Design - through selected projects in Africa, the seminar also aims to sketch a Framework-of-Engagement that can help to ensure the relevance of architecture in the production of Hopeful-Urban-Futures.

First Meeting: 22.04.2025, Bld. 11.40 Room 26

Regular Meeting: Tuesdays, 14.00 PM - 15.30 PM

Submission/Exam: 22.07.2025

Focus of study: Urban Design

**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

**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

V**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

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					
ST 2025	1710407	Architectural Theory: Modern Servants	2 SWS	Seminar /	Fankhänel, Wilkinson
ST 2025	1710408	Architekturtheorie: Design in Action: Fellow Travellers	1 SWS	/	Fankhänel, Knoop
ST 2025	1710411	Theory of Architecture: Protests and Common Spaces	2 SWS	Seminar /	Fankhänel
ST 2025	1710413	Architectural Theory: Architecture's Scales: Methods	2 SWS	Seminar /	Meister
ST 2025	1710414	Architectural Theory: Archive Gossip	2 SWS	Seminar /	Fankhänel, Brückner-Amin
ST 2025	1710417	Theory of Architecture: Phrases and Buildings: Toward an Atlas of AI		Seminar /	Fankhänel
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
WT 25/26	1710414	Architectural Theory/Research Seminar: Brasil	2 SWS	Seminar /	Wilkinson

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: Modern Servants

1710407, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

Focus of study: Architectural and Cultural Heritage

The seminars and lectures will take place 6 times Fri 11.30-13.00 & 6 times Fri 14.00-15.30.
 Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

V

Architekturtheorie: Design in Action: Fellow Travellers

1710408, SS 2025, 1 SWS, Language: German, [Open in study portal](#)

On-Site

Content

In previous courses, we have worked intensively on analysing crises and challenges - now our focus is turning towards solutions! With Design in Action, we examine concrete approaches to social change, inspired by cultural theories (including Bruno Latour) and the "Fellow Travellers" exhibition at the ZKM.

The exhibition shows how artists, scientists and communities around the world are trying out new ways of living together. It is not just about criticism, but about action: about networks beyond traditional centres of power, about projects that actively shape the environment and society.

The free study work consists of two discussion sessions and two joint museum visits, during which each student looks at an object in depth.

Focus of study: Architectural and Cultural Heritage

The course will take place 2 times Thu 17.30-19.00 (24.04. & 15.05. AT seminar room) and 2 times Fri 14.00-15.30 (25.04. & 16.05. ZKM).

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**Theory of Architecture: Protests and Common Spaces**

1710411, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

Gastrednerin: Tinatin Gurgeneidze

Focus of study: Architectural and Cultural Heritage

The course will take place 6 times.

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Fri 25.04 - 11.00-14.00 (Introduction)

Thu 15.05 - 14.00-17.00

Fri 16.05 - 11.00-14.00

Thu 12.06 - 14.00-17.00

Fri 13.06 - 11.00-14.00

Fri 04.07 - 11.00-14.00

**Architectural Theory: Architecture's Scales: Methods**

1710413, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

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

Content

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

Focus of study: Architectural and Cultural Heritage

Die Veranstaltung findet 6x Fr 10.00-11.30 und 6x Mo 18.30-20.00 (teils online) statt, genaue Termine werden noch bekanntgegeben.

Do 17.07. 17.00-20.00 Abschlussveranstaltung im Architekturschaufenster: AT goes A SF

**Architectural Theory: Archive Gossip**

1710414, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

In search of "Archive Gossip," we explore the saai archive. On the basis of selected materials, we dedicate ourselves to little-explored stories and protagonists. The result includes the production of a podcast episode. We question the critical potential of gossip: Fragmented sources are constructed as stories only with a little speculation, but how do we deal with these gaps in knowledge?

To tackle this, we read texts about the archive as a place of knowledge construction to understand how information is stored in things and how it can be read out again. We want to ask productive questions of archival materials and architectural media and, building on that, tell exciting and accessible stories.

Focus of study: Architectural and Cultural Heritage

The course will take place 4 times Wed 11.30-13.00.

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**Theory of Architecture: Phrases and Buildings: Toward an Atlas of AI**

1710417, SS 2025, SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

With Large Language Models (LLMs) computers have learned to mimic human speech. Unlike in humans such learning only happens with the help of preexisting vast collections of processable data, be it in the form textual sources or images, that allow an extrapolation of similarities and conventions. To draw meaning from such databases of precedents—to learn—machines employ techniques created by humans. Ordering systems such as tags, lists and comparisons are inherently governed by the use of language, from metadata to automatically derived alt texts.

This workshop seminar, held in conjunction with the preparation of the exhibition "City in the Cloud, Data on the Ground" at the Munich Architecture Museum, opening October 2025, will explore the role of human language as a descriptor in architecture.

Wed 9.45-11.15 / 23.4. introduction

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**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)

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

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					
ST 2025	1710407	Architectural Theory: Modern Servants	2 SWS	Seminar /	Fankhänel, Wilkinson
ST 2025	1710408	Architekturtheorie: Design in Action: Fellow Travellers	1 SWS	/	Fankhänel, Knoop
ST 2025	1710411	Theory of Architecture: Protests and Common Spaces	2 SWS	Seminar /	Fankhänel
ST 2025	1710413	Architectural Theory: Architecture's Scales: Methods	2 SWS	Seminar /	Meister
ST 2025	1710414	Architectural Theory: Archive Gossip	2 SWS	Seminar /	Fankhänel, Brückner-Amin
ST 2025	1710417	Theory of Architecture: Phrases and Buildings: Toward an Atlas of AI		Seminar /	Fankhänel
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
WT 25/26	1710414	Architectural Theory/Research Seminar: Brasil	2 SWS	Seminar /	Wilkinson

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: Modern Servants

1710407, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

Focus of study: Architectural and Cultural Heritage

The seminars and lectures will take place 6 times Fri 11.30-13.00 & 6 times Fri 14.00-15.30.
 Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

V

Architekturtheorie: Design in Action: Fellow Travellers

1710408, SS 2025, 1 SWS, Language: German, [Open in study portal](#)

On-Site

Content

In previous courses, we have worked intensively on analysing crises and challenges - now our focus is turning towards solutions! With Design in Action, we examine concrete approaches to social change, inspired by cultural theories (including Bruno Latour) and the "Fellow Travellers" exhibition at the ZKM.

The exhibition shows how artists, scientists and communities around the world are trying out new ways of living together. It is not just about criticism, but about action: about networks beyond traditional centres of power, about projects that actively shape the environment and society.

The free study work consists of two discussion sessions and two joint museum visits, during which each student looks at an object in depth.

Focus of study: Architectural and Cultural Heritage

The course will take place 2 times Thu 17.30-19.00 (24.04. & 15.05. AT seminar room) and 2 times Fri 14.00-15.30 (25.04. & 16.05. ZKM).

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**Theory of Architecture: Protests and Common Spaces**

1710411, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

Gastrednerin: Tinatin Gurgeneidze

Focus of study: Architectural and Cultural Heritage

The course will take place 6 times.

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Fri 25.04 - 11.00-14.00 (Introduction)

Thu 15.05 - 14.00-17.00

Fri 16.05 - 11.00-14.00

Thu 12.06 - 14.00-17.00

Fri 13.06 - 11.00-14.00

Fri 04.07 - 11.00-14.00

**Architectural Theory: Architecture's Scales: Methods**

1710413, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

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

Content

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

Focus of study: Architectural and Cultural Heritage

Die Veranstaltung findet 6x Fr 10.00-11.30 und 6x Mo 18.30-20.00 (teils online) statt, genaue Termine werden noch bekanntgegeben.

Do 17.07. 17.00-20.00 Abschlussveranstaltung im Architekturschaufenster: AT goes A SF

**Architectural Theory: Archive Gossip**

1710414, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

In search of "Archive Gossip," we explore the saai archive. On the basis of selected materials, we dedicate ourselves to little-explored stories and protagonists. The result includes the production of a podcast episode. We question the critical potential of gossip: Fragmented sources are constructed as stories only with a little speculation, but how do we deal with these gaps in knowledge?

To tackle this, we read texts about the archive as a place of knowledge construction to understand how information is stored in things and how it can be read out again. We want to ask productive questions of archival materials and architectural media and, building on that, tell exciting and accessible stories.

Focus of study: Architectural and Cultural Heritage

The course will take place 4 times Wed 11.30-13.00.

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**Theory of Architecture: Phrases and Buildings: Toward an Atlas of AI**

1710417, SS 2025, SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

With Large Language Models (LLMs) computers have learned to mimic human speech. Unlike in humans such learning only happens with the help of preexisting vast collections of processable data, be it in the form textual sources or images, that allow an extrapolation of similarities and conventions. To draw meaning from such databases of precedents—to learn—machines employ techniques created by humans. Ordering systems such as tags, lists and comparisons are inherently governed by the use of language, from metadata to automatically derived alt texts.

This workshop seminar, held in conjunction with the preparation of the exhibition "City in the Cloud, Data on the Ground" at the Munich Architecture Museum, opening October 2025, will explore the role of human language as a descriptor in architecture.

Wed 9.45-11.15 / 23.4. introduction

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**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

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					
ST 2025	1731095	Research Seminar/Special Topics of Urban Design: Climate, energy, cultural heritage + X - Urban digital twins as a simulation tool for urban planning	4 SWS	Seminar / 	Neppl, Zeile
ST 2025	1731272	Special Topics of Urban Design: Exhibition Hübsche Pflanzhäuser	2 SWS	Seminar / 	Inderbitzin, Schork, von Zepelin
ST 2025	1731282	Stadt und Wohnen: Architecture of Living	2 SWS	Seminar / 	Inderbitzin, von Zepelin
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

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

Research Seminar/Special Topics of Urban Design: Climate, energy, cultural heritage + X - Urban digital twins as a simulation tool for urban planning

Seminar (S)
On-Site

1731095, SS 2025, 4 SWS, Language: German, [Open in study portal](#)

Content

Urban digital twins (UDT) are virtual models of cities that use real-time data to simulate physical and functional aspects and optimise them in order to improve planning and decision-making processes in urban planning. We are investigating this question: How easy are simulations 'in the city', can we create something like this ourselves? In addition to Landsberg's UDT, we will create our own twins and get input from external experts from the fields of smart cities, climate, traffic, design, utilisation and other possible applications. Our cooperation partner is the 'Digital Twin, Climate Protection and Mobility' department of the city of Landsberg am Lech.

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

First Meeting: 22.04.2025, 9:45 am, Bldg. 11.40, R015

Submission/Exam: 12.08.2025

Number of Participants: 20

**Special Topics of Urban Design: Exhibition Hübsche Pflanzhäuser**

1731272, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

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

Content

The focus of the seminar is an exhibition planned by the Faculty of Architecture for 2025 on the occasion of the bicentenary existence of the KIT. The contribution of the chair *Stadt und Wohnen* to the exhibition deals with the architectural and cultural history of Heinrich Hübsch's greenhouses and the botanical gardens at the Schloss. On this basis, we trace the territorial and ideological-historical networks of the complex. Together with the other contributions, a picture of the city of Karlsruhe will emerge. The materials and knowledge of the Studio *Konstruierte Naturen* from winter semester 23/24 and the subsequent seminars form the basis. In addition to the content-related work, we will develop the specific final curation. The resulting content will include a film about the greenhouses as well as various models.

Appointment: Wed, 3:45 – 5:15 pm,

Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 15

Team: Christian Inderbitzin, Anna Schork, Maximilian von Zepelin

**Stadt und Wohnen: Architecture of Living**

1731282, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

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

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: to be announced

Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 15

Team: Christian Inderbitzin, Maximilian von Zepelin

**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

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					
ST 2025	1731095	Research Seminar/Special Topics of Urban Design: Climate, energy, cultural heritage + X - Urban digital twins as a simulation tool for urban planning	4 SWS	Seminar / 🌐	Neppl, Zeile
ST 2025	1731272	Special Topics of Urban Design: Exhibition Hübsche Pflanzhäuser	2 SWS	Seminar / 🌐	Inderbitzin, Schork, von Zepelin
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

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

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

V

Research Seminar/Special Topics of Urban Design: Climate, energy, cultural heritage + X - Urban digital twins as a simulation tool for urban planning

Seminar (S)
On-Site

1731095, SS 2025, 4 SWS, Language: German, [Open in study portal](#)

Content

Urban digital twins (UDT) are virtual models of cities that use real-time data to simulate physical and functional aspects and optimise them in order to improve planning and decision-making processes in urban planning. We are investigating this question: How easy are simulations 'in the city', can we create something like this ourselves? In addition to Landsberg's UDT, we will create our own twins and get input from external experts from the fields of smart cities, climate, traffic, design, utilisation and other possible applications. Our cooperation partner is the 'Digital Twin, Climate Protection and Mobility' department of the city of Landsberg am Lech.

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

First Meeting: 22.04.2025, 9:45 am, Bldg. 11.40, R015

Submission/Exam: 12.08.2025

Number of Participants: 20



Special Topics of Urban Design: Exhibition Hübsche Pflanzhäuser

1731272, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

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

Content

The focus of the seminar is an exhibition planned by the Faculty of Architecture for 2025 on the occasion of the bicentenary existence of the KIT. The contribution of the chair *Stadt und Wohnen* to the exhibition deals with the architectural and cultural history of Heinrich Hübsch's greenhouses and the botanical gardens at the Schloss. On this basis, we trace the territorial and ideological-historical networks of the complex. Together with the other contributions, a picture of the city of Karlsruhe will emerge. The materials and knowledge of the Studio *Konstruierte Naturen* from winter semester 23/24 and the subsequent seminars form the basis. In addition to the content-related work, we will develop the specific final curation. The resulting content will include a film about the greenhouses as well as various models.

Appointment: Wed, 3:45 - 5:15 pm,

Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 15

Team: Christian Inderbitzin, Anna Schork, Maximilian von Zepelin



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



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)

**International Urban Design: MetropolX – 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

**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

V

Special Topics of Urban Design: Magnificent Gardens1731214, 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

V

Urban Design and Housing: Architecture of Living1731280, 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

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					
ST 2025	1741384	Architecture in Film: History of Architecture/Urban Planning: Other Locations (Teil 2)	2 SWS	Seminar / 	Medina Warmburg
ST 2025	1741385	History of Garden Art: History of Architecture/Urban Planning: Hamburg's Urban Greenery - a Historical Overview of the last 200 Years	2 SWS	Excursion (E / 	Medina Warmburg, Gawlik
ST 2025	1741387	History of Cultural Landscapes: History of Architecture/Urban Planning: Resources, Regulation, and Regional Planning: Perspectives on an Environmental History of Architecture in the Early Modern Era	2 SWS	Seminar / 	Medina Warmburg, Silvestri
ST 2025	1741390	Historical Building Research _ Free Student Research Project	2 SWS	Project (P / 	Medina Warmburg, Busse
ST 2025	1741391	Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Schlossgarten Karlsruhe	2 SWS	Seminar / 	Medina Warmburg, Garrido
ST 2025	1741394	Applied Historical Building Research_Exercise_Summer School Bronnbach Monastery	2 SWS	Block / 	Medina Warmburg, Busse
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
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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

Architecture in Film: History of Architecture/Urban Planning: Other Locations (Teil 2) Seminar (S)

1741384, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

On-Site

Content

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

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

Film evenings: 5 double sessions in May and June

Focus of study: Architectural and Cultural Heritage

V

History of Garden Art: History of Architecture/Urban Planning: Hamburg's Urban Greenery - a Historical Overview of the last 200 Years

1741385, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

**Excursion (EXK)
On-Site**

Content

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

First Meeting: 25.04.25, 5pm (online)

Excursion: 11.-14.09.25

Submission/Exam: 30.09.2025

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

Focus of study: Architectural and Cultural Heritage

V

History of Cultural Landscapes: History of Architecture/Urban Planning: Resources, Regulation, and Regional Planning: Perspectives on an Environmental History of Architecture in the Early Modern Era

Seminar (S)
On-Site1741387, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Content

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

Submission/Exam: 30.09.2025

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

Focus of study: Architectural and Cultural Heritage

V

Historical Building Research _ Free Student Research Project

Project (PRO)
On-Site1741390, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Content

Die Kompetenz der Transformation im Spannungsfeld von erhalten und erneuern bewusst zu gestalten, verlangt methodisches Vorgehen innerhalb der unterschiedlichen Strategien, den Baubestand zu formen. Diese setzt eine grundlegende Erfassung, Analyse und Bewertung der vorhandenen Bausubstanz voraus. An einem frei gewählten Objekt wird anhand von Archivalien, Bestandsplänen, Aufmass und Veränderungsgeschichte analysiert und mit am Bestand orientierten Nutzungskonfigurationen weiterentwickelt.

1st meeting: Mon 05.05.2025, 2 pm

Appointments by arrangement

Examination/submission: Analysis, drawings and presentation of a topic, Multi-part term paper

Submission: 30.09.2025

Number of participants: 8 bachelor, 8 Master

Focus of study: Architectural and Cultural Heritage

V

Selected Environmental History of Architecture: History of Architecture/Urban Planning: Case Study: Schlossgarten Karlsruhe

Seminar (S)
On-Site1741391, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

Content

The Schlossgarten in Karlsruhe has been a critical piece of the city's infrastructure since its foundation, serving not only as an illustration of the state's power but also as an integral element of the built environment.

The seminar proposes to explore various components of the park and its history by employing architectural research and representation tools, as well as archival material and documentation. Through these methods, the aim is to uncover, analyze and communicate the intricate layers of overlapping infrastructure in the Schlossgarten, crafting an "urban biography" portraying the city's evolution.

Submission/Exam: presentation and paper due 30.09.2025

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

Focus of study: Architectural and Cultural Heritage

V

Applied Historical Building Research_Exercise_Summer School Bronnbach Monastery Block (B)

On-Site

1741394, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Content

The ability to consciously shape the transformation in the field of tension between preservation and renewal requires a methodical approach within the various strategies for shaping the existing building stock. This requires a fundamental recording, analysis and evaluation of the existing building fabric. In the summer school, the hall garden of the monastery in Bronnbach will be analyzed as part of a one-week summer school in archives, as-built plans, measurements and the history of changes and further developed with configurations of use appropriate to the listed building.

Registration not via Campus Plus. Please come to the 1st meeting.

1st meeting: Mon 28.04.2025, 2 pm, Bldg. 20.40 room: 015

Mandatory excursion 21.-25.07.2025

Open for Bachelor, Master and Art History

Focus of study: Architectural and Cultural Heritage

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

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					
ST 2025	1720606	Research Seminar: Seaweed, hemp, autumn leaves – Future-oriented insulation materials for the building industry. A research seminar of the KIT Material Library.	2 SWS	Seminar / 🗎	Hebel, Böhm
ST 2025	1720607	Sustainability: EARTHopia - A week of loam construction in Addis Abeba	2 SWS	Excursion (E / 🗎)	Hebel, Mamo, Behringer
ST 2025	1720611	Sustainability: Next Urban Explosion: Hopes of Coexistence - Africa	2 SWS	Seminar / 🗎	Hebel, Mamo
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

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: Seaweed, hemp, autumn leaves – Future-oriented insulation materials for the building industry. A research seminar of the KIT Material Library.

Seminar (S)
On-Site

1720606, SS 2025, 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 biological insulation materials, which serve both - thermal insulation and summer heat protection. Against the backdrop of climate change and the resulting high relevance of an optimized building envelope, the opportunities and limitations of these insulation materials are examined.

Students will conduct independent and critical research on selected insulation materials, aiming to present sustainable alternatives based on detailed data sheets and physical material samples. The seminar will be accompanied by supervision, workshops, lectures, and excursions.

First Meeting: April 22, 2025

Regular Meeting: Tuesdays, 11.30 - 13.00

Submission/Exam: July 22, 2025

Focus of study: Building Technology

Smaller excursions will take place in the Karlsruhe area.


Sustainability: EARTHopia - A week of loam construction in Addis Abeba

1720607, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

**Excursion (EXK)
On-Site**

Content

We travel to Addis Ababa, the capital of Ethiopia. While modern architecture dominates the cities, the rural areas are traditionally characterized by "tukuls" - round, simple loam houses. A contemporary reinterpretation of this construction method is being developed as part of the Building Week: The "Tukul 2.0" combines the traditional architecture of Ethiopia with rammed earth technologies known in Europe. In collaboration with students from the School of Built Environment (formerly EiABC) at Addis Ababa University, prototypes will be created that enable a more robust, durable and yet simple construction method. The focus is on the intercultural exchange of knowledge between Ethiopian and German students.

First orientation meeting: 7 May 2025, 3:00 PM, Bldg. 11.40 Room 26

Excursion one week in the period 28.09.25 to 12.10.2025


Sustainability: Next Urban Explosion: Hopes of Coexistence - Africa

1720611, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Cities are spaces of complex co-existence. Be it among ourselves or with the multiplicities of elements of nature, the question of co-existence is increasingly challenged by our collective actions. In our experiment to find a hopeful and sustainable way of coexistence, the continent of Africa offers a vast space of enquiry. In just 25 years, close to a billion additional people are expected to claim the hope that urban living offers in Africa. Such a mass of need creates a vast opportunity to reimagine new forms of urbanism.

Recognizing the vastness and multidimensionality of Africa, the seminar will be a space of optimistic speculations on urban futures - a thought experiment based on discussions and projective exercises. By interrogating the practices of Architecture and Urban Design - through selected projects in Africa, the seminar also aims to sketch a Framework-of-Engagement that can help to ensure the relevance of architecture in the production of Hopeful-Urban-Futures.

First Meeting: 22.04.2025, Bld. 11.40 Room 26

Regular Meeting: Tuesdays, 14.00 PM - 15.30 PM

Submission/Exam: 22.07.2025

Focus of study: Urban Design


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



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



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





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 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

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
Examination of another type

Credits
4 CP

Grading
graded

Term offered
Each term

Version
1

Courses					
ST 2025	1710407	Architectural Theory: Modern Servants	2 SWS	Seminar /	Fankhänel, Wilkinson
ST 2025	1710408	Architekturtheorie: Design in Action: Fellow Travellers	1 SWS	/	Fankhänel, Knoop
ST 2025	1710411	Theory of Architecture: Protests and Common Spaces	2 SWS	Seminar /	Fankhänel
ST 2025	1710413	Architectural Theory: Architecture's Scales: Methods	2 SWS	Seminar /	Meister
ST 2025	1710414	Architectural Theory: Archive Gossip	2 SWS	Seminar /	Fankhänel, Brückner-Amin
ST 2025	1710417	Theory of Architecture: Phrases and Buildings: Toward an Atlas of AI		Seminar /	Fankhänel
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
WT 25/26	1710414	Architectural Theory/Research Seminar: Brasil	2 SWS	Seminar /	Wilkinson

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: Modern Servants

1710407, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

Focus of study: Architectural and Cultural Heritage

The seminars and lectures will take place 6 times Fri 11.30-13.00 & 6 times Fri 14.00-15.30.
 Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

V

Architekturtheorie: Design in Action: Fellow Travellers

1710408, SS 2025, 1 SWS, Language: German, [Open in study portal](#)

On-Site

Content

In previous courses, we have worked intensively on analysing crises and challenges - now our focus is turning towards solutions! With Design in Action, we examine concrete approaches to social change, inspired by cultural theories (including Bruno Latour) and the "Fellow Travellers" exhibition at the ZKM.

The exhibition shows how artists, scientists and communities around the world are trying out new ways of living together. It is not just about criticism, but about action: about networks beyond traditional centres of power, about projects that actively shape the environment and society.

The free study work consists of two discussion sessions and two joint museum visits, during which each student looks at an object in depth.

Focus of study: Architectural and Cultural Heritage

The course will take place 2 times Thu 17.30-19.00 (24.04. & 15.05. AT seminar room) and 2 times Fri 14.00-15.30 (25.04. & 16.05. ZKM).

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**Theory of Architecture: Protests and Common Spaces**

1710411, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

Gastrednerin: Tinatin Gurgeneidze

Focus of study: Architectural and Cultural Heritage

The course will take place 6 times.

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

Fri 25.04 - 11.00-14.00 (Introduction)

Thu 15.05 - 14.00-17.00

Fri 16.05 - 11.00-14.00

Thu 12.06 - 14.00-17.00

Fri 13.06 - 11.00-14.00

Fri 04.07 - 11.00-14.00

**Architectural Theory: Architecture's Scales: Methods**

1710413, SS 2025, 2 SWS, Language: English, [Open in study portal](#)

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

Content

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

Focus of study: Architectural and Cultural Heritage

Die Veranstaltung findet 6x Fr 10.00-11.30 und 6x Mo 18.30-20.00 (teils online) statt, genaue Termine werden noch bekanntgegeben.

Do 17.07. 17.00-20.00 Abschlussveranstaltung im Architekturschaufenster: AT goes A SF

**Architectural Theory: Archive Gossip**

1710414, SS 2025, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

In search of "Archive Gossip," we explore the saai archive. On the basis of selected materials, we dedicate ourselves to little-explored stories and protagonists. The result includes the production of a podcast episode. We question the critical potential of gossip: Fragmented sources are constructed as stories only with a little speculation, but how do we deal with these gaps in knowledge?

To tackle this, we read texts about the archive as a place of knowledge construction to understand how information is stored in things and how it can be read out again. We want to ask productive questions of archival materials and architectural media and, building on that, tell exciting and accessible stories.

Focus of study: Architectural and Cultural Heritage

The course will take place 4 times Wed 11.30-13.00.

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**Theory of Architecture: Phrases and Buildings: Toward an Atlas of AI**

1710417, SS 2025, SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

With Large Language Models (LLMs) computers have learned to mimic human speech. Unlike in humans such learning only happens with the help of preexisting vast collections of processable data, be it in the form textual sources or images, that allow an extrapolation of similarities and conventions. To draw meaning from such databases of precedents—to learn—machines employ techniques created by humans. Ordering systems such as tags, lists and comparisons are inherently governed by the use of language, from metadata to automatically derived alt texts.

This workshop seminar, held in conjunction with the preparation of the exhibition "City in the Cloud, Data on the Ground" at the Munich Architecture Museum, opening October 2025, will explore the role of human language as a descriptor in architecture.

Wed 9.45-11.15 / 23.4. introduction

Thu 17.07. 18.00-20.00 Mandatory final event at the Architekturschaufenster: AT goes A SF

**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)

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

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					
ST 2025	1731282	Stadt und Wohnen: Architecture of Living	2 SWS	Seminar / 	Inderbitzin, von Zepelin
WT 25/26	1731280	Urban Design and Housing: Architecture of Living	2 SWS	Seminar / 	Inderbitzin, Schmitt, Savic

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

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

V

Stadt und Wohnen: Architecture of Living

1731282, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

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

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: to be announced

Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 15

Team: Christian Inderbitzin, Maximilian von Zepelin

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

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					
ST 2025	1731061	Advanced Urban Design Project Studies: The Chandigarh Challenge: Research, Analytics and Publication (Neppl)	1 SWS	/ ●	Neppl, Giralt
ST 2025	1731161	Advanced Urban Design Project Studies (Engel): Instruments of Water-Sensitive Urban Planning	2 SWS	Seminar / ●	Engel, Kannen
ST 2025	1731211	Advanced Urban Design Project Studies: Think Garden (Schifferli)	1 SWS	/ ●	Schifferli, Zuber
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 (P / ●	Neppl
WT 25/26	1731161	Advanced Urban Design Project Studies (Engel): Discussing Lasnamäe	1 SWS	/ ●	Engel, Böcherer, Staab
WT 25/26	1731211	Advanced Urban Design Project Studies (Schifferli)	1 SWS	/ ●	Schifferli

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 Urban Design Project Studies: The Chandigarh Challenge: Research, Analytics and Publication (Neppl)

On-Site

1731061, SS 2025, 1 SWS, Language: German/English, [Open in study portal](#)

Content

As an extension of the urban design studio "The Chandigarh Challenge: Balancing Cultural Heritage and Future Urban Development", we are accompanying the project with additional research into the origins of Chandigarh and the pioneering work of Le Corbusier, his cousin Pierre Jeanneret, the British architects Maxwell Fry and Jane Drew ('tropical architecture') and the Indian modernists involved, such as Aditya Prakash and Anant Prabhawalkar.

In parallel to research into the architectural history of this prime example of a modernist planned city, the urban structure of Chandigarh will be analysed graphically and subsequently presented in various thematic maps and scales.

The event can only be chosen in connection with the corresponding urban design project "The Chandigarh Challenge: Balancing Cultural Heritage and Future Urban Development" and is mandatory for it.

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

Exam: 07.08.2025

V

Advanced Urban Design Project Studies (Engel): Instruments of Water-Sensitive Urban Planning

1731161, SS 2025, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

In this deepening course, strategies and design approaches for water-sensitive and water-resilient urban development will be critically examined and evaluated using national and international case studies. This includes solutions for rainwater management, rainwater utilization and green infrastructures as well as planning strategies, governance structures and the processes of decision-making and citizen participation. How can integrated sustainable and resilient blue-green infrastructures contribute to the transformation and further development of the productive city? The analyses developed provide an important basis for the design work.

Appointments: Thu 14:00-16:00 pm, 11.40 R 013

First meeting: Thu 24.04.2025, 10:00 am, 11.40 R013

Submission/Exam: Thu

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 2025, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

This course can only be chosen in conjunction with the related course Urban Planning "Think Garden" and is compulsory for this course.

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 (Neppl): 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****On-Site**1731161, WS 25/26, 1 SWS, Language: English, [Open in study portal](#)**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)****On-Site**1731211, WS 25/26, 1 SWS, Language: German/English, [Open in study portal](#)**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

T

4.89 Module component: Urban Energy [T-ARCH-107410]

Coordinators: Prof. Markus Neppl
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103669 - Urban Energy](#)

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




T

4.90 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 2025	1731097	Urban Typologies: Architecture Journalism Workshop: We Write About Architecture	4 SWS	Seminar / 	Coenen

Legend:  Online,  Blended (On-Site/Online),  On-Site, X 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 2025, 4 SWS, Language: German, [Open in study portal](#) **On-Site**

Content

The seminar provides information on the basics and practice of architectural journalism.

The seminar participants work as architectural journalists. They research on site under supervision and write articles about architecture, urban planning and monument preservation.

Journalistic forms of presentation such as criticism, interview, commentary and reportage are practised. Excursions within Karlsruhe as well as to Baden-Baden and Ettlingen are offered for the research.

No previous knowledge is necessary. The best texts will be published in an online specialised magazine.

Translated with DeepL.com (free version)

Dates: <https://www.ulrichcoenen.de/SS25.htm>

First Meeting: 22.04.2025, 5:30 pm, Bldg.11.40, R015

Excursions: 20.05., 03.06., 21.06. and 01.07.2025

Submission/Exam: 15.08.2023

Number of Participants: 10

Focus of study: Urban Design

T

4.91 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					
ST 2025	1720704	Virtual Engineering: How to BIM	4 SWS	Lecture / Practice (/ ☞)	von Both, Sartorius, Schöner
WT 25/26	1720704	Virtual Engineering: How to BIM	4 SWS	Lecture / Practice (/ ☞)	von Both, Schöner, Sartorius, Koch

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, SS 2025, 4 SWS, Language: German/English, [Open in study portal](#)

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

Content

Five key reasons why Architects should not only design in 3D but also work in a BIM-compliant manner are:

1. Time savings in drafting,
2. Error prevention,
3. Transparency in planning,
4. Cross-software and interdisciplinary accessibility of building data,
5. Simplifying communication with project participants.

This course offers a practical introduction with additional theoretical content on BIM methodology. It starts with a prepared 3D model (as of service phase 2). In the course of the semester, this model will be further developed in a BIM-compliant manner up to service phase 6. Weekly assignments ensure a continuous deepening of the content and enable a structured, practice-oriented learning approach.

Prerequisites for Participation are: Prior knowledge of ArchiCAD. An internet connection for the entire duration of the seminar. An MS Teams Uni account. The current version of ARCHICAD.

The course Schedule: Weekly 1.5h online lectures and subsequent 1.5h exercises; two mandatory 'Power-Work' sessions: 19 May 2025, 23 June 2025 (during regular lecture times)

Seminars + Exercises: Seminars are given in German, and Supervision can take place in English and German.

First Meeting: Mo 28.04.2025, 11:30 a.m -13:00 p.m., Grüne Grotte

Appointments: (online): Mo 09:45 a.m.-11:15 a.m., Exercise Session 11:30 a.m.-13:00 p.m.

Mandatory 'Power-Work' Sessions in Presence: Monday, 19.05. 2025 and Monday. 23.06.2025, during regular lecture times, the place will be communicated

Submission/Exam: Di 11.08.2025

Number of Participants: 10

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





T

4.92 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					
ST 2025	1700000	Karlsruher Architekturvorträge "Skizzenwerk"		/ 	Engel
WT 25/26	1700000	Karlsruhe Architecture Lectures		/ 	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

Karlsruher Architekturvorträge "Skizzenwerk"

1700000, SS 2025, SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

Attendance of at least 15 lectures of the event series "Karlsruher Architektur-vorträge", "Vortragsreihe Kunstgeschichte", or "Baugeschichtliches Kolloquium" of the KIT Faculty of Architecture can be recognized with a credit point in the module Key Qualifications. For dates and program see homepage of the KIT Faculty.

V

Karlsruhe Architecture Lectures

1700000, 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>

T**4.93 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**4.94 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